

DESIGNED & ENGINEERED  
IN GERMANY!



**LDS**systems   
free your sound

# PRODUCT CATALOG







Designed in Germany,  
**heard**  
 around the world!

**LD Systems® – Free Your Sound**

True to its claim “free your sound”, LD Systems® is about delivering the freedom you deserve to easily and openly create and share your sound – however you need it, where ever you want it. As a trusted pro audio brand, LD Systems products offer multiple use-applications for live events and fixed installations. With a portfolio ranging from portable PA-systems, mixers, wireless mic systems, in-ear-monitors, amplifiers and signal processors, LD Systems delivers the kind of durability, mobility, and appeal you need to freely express your sound.

Designed and engineered in Germany, LD Systems has received awards from internationally-recognized institutions, such as “Red Dot”, “iF International Forum Design” and “German Design Award” for pioneering product design and development.

LD Systems is a registered brand of the Adam Hall Group.



**SOUND** TECHNOLOGY    **LIGHT** TECHNOLOGY    **STAGE** EQUIPMENT    **HARDWARE** FOR FLIGHTCASES

ADAM HALL GROUP BRANDS



DISTRIBUTION BRANDS





# PRODUCT HIGHLIGHTS



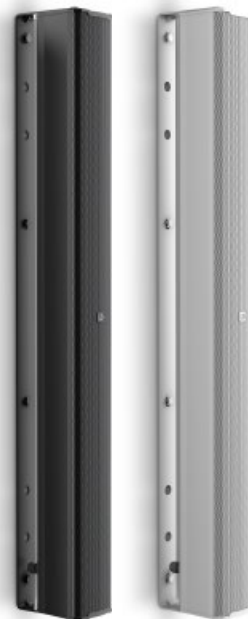
**MAUI® 44 G2**  
POWERED CARDIOID  
COLUMN LOUDSPEAKER

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POWERED / PASSIVE COAXIAL  
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# MAUI<sup>®</sup> P900

POWERED COLUMN PA SYSTEM



looks good  
anywhere

sounds good  
anywhere

Design by  
**PORSCHE DESIGN  
STUDIO**

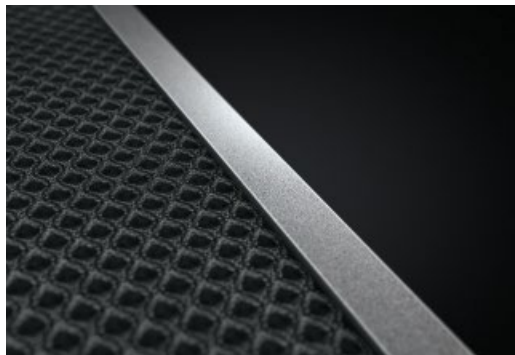
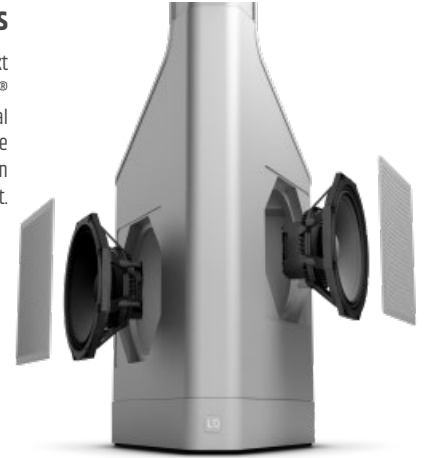


### THE PERFECT SYMBIOSIS OF FORM AND FUNCTION

With its smooth lines and advanced engineering, the MAUI® P900 brings sight and sound together. Rather than being an end in itself, the distinctive visual design serves the clear purpose of supporting and enhancing the system's functionality and audio performance. The perfect marriage of sonics and style, indeed.

### UNVEILING NEW SONIC SENSATIONS

Deep inside the MAUI® P900's streamlined contours, next generation Class D amplification and LD Systems' DynX® DSP technology provide massive headroom, exceptional transient response and distortion-free performance. The result is a natural, dynamic sound that's so alive you can almost touch it.

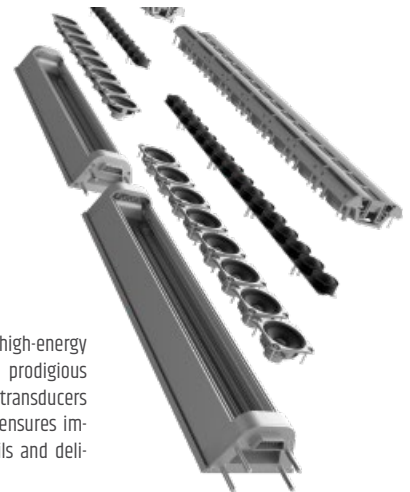


### COMBINING EXCLUSIVE MATERIALS

A skillful blend of select materials emphasizes the MAUI® P900's integrated design approach. Providing high strength and superb corrosion resistance, the aluminium body is furnished with a grille of multilayer mesh. The elastic high-tech material is dirt-repellent, extremely hardwearing and allows sound waves to pass through without hindrance or colouration.

### THE ART OF SOUND SHAPING

Incorporating LD Systems® WaveAhead® tweeter arrangement technology, the innovative SonicGuide® plays a major role in the MAUI® P900's outstanding audio performance. The patented design merges the midrange and high frequency transducers' signals to a coherent plane wavefront that is perfectly phase and time aligned.

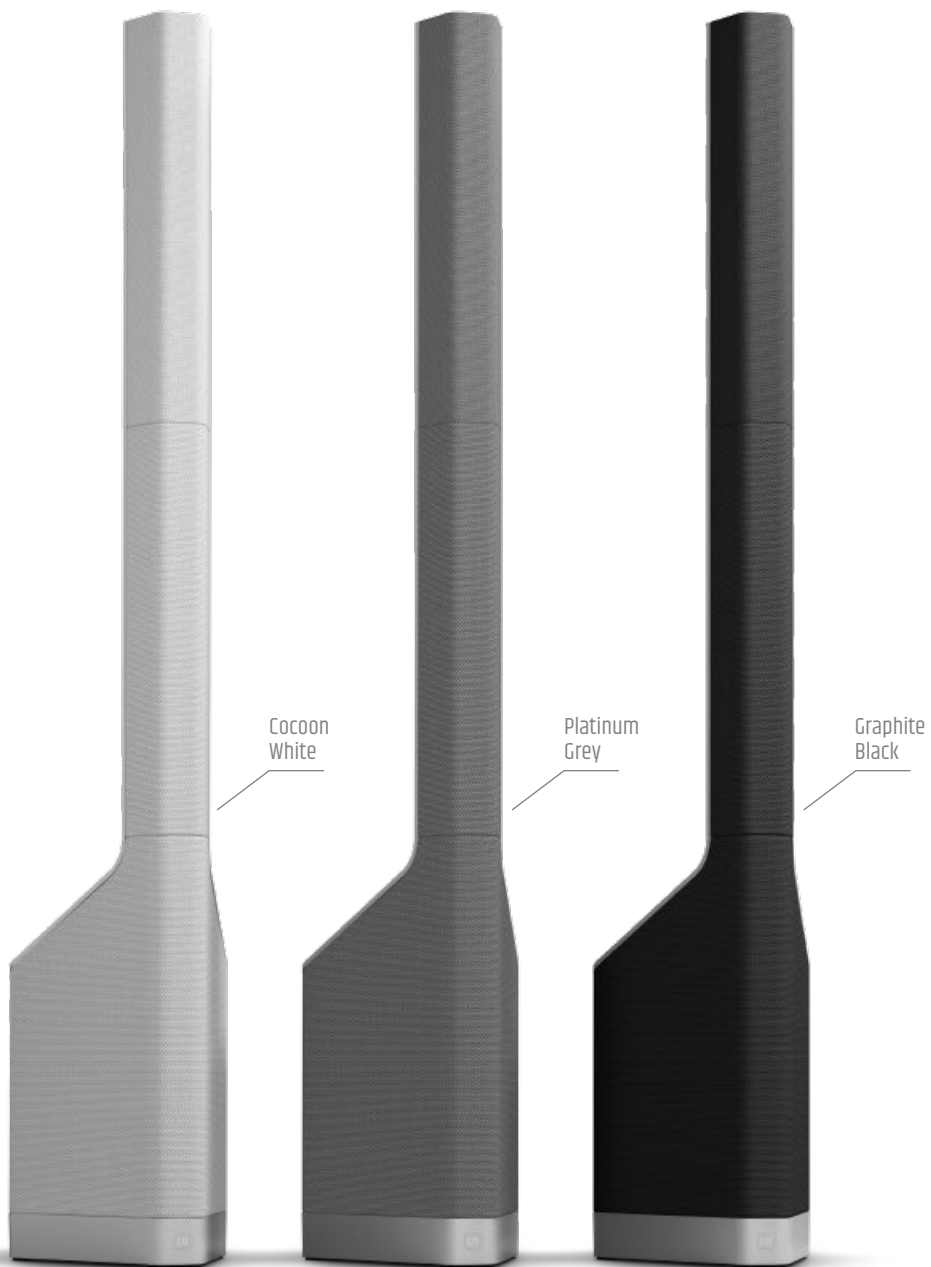


### DELICATE LIGHTNESS WITH MONUMENTAL CLARITY

From a subtle pianissimo to thundering high-energy crescendos, the MAUI® P900 delivers truly prodigious sound. Sporting a massive total of 50 premium transducers with neodymium motor structures, the system ensures immaculate audio reproduction with minute details and delicate nuances.

# MAUI<sup>®</sup> P900

POWERED COLUMN PA SYSTEM





Design by  
**PORSCHE DESIGN  
STUDIO**



DESIGN  
AWARD  
2018



reddot award 2018  
winner

EXPAND YOUR HORIZON AT:  
**LD-SYSTEMS.COM/MAUIP900**

## MAUI® P900 (W/G/B)

POWERED COLUMN PA SYSTEM BY PORSCHE DESIGN STUDIO

### SPECIFICATIONS:

Art. No.:	LDMAUIP900G / LDMAUIP900W / LDMAUIP900B
Max. SPL (peak):	131 dB
Frequency response:	42 - 20 kHz
Max. dispersion (H x V):	140° x 15°
Overall height:	2173 mm
HF transducers:	32 x 1" neodymium
MF transducers:	16 x 2.8" neodymium
LF transducers:	2 x 10" neodymium
Waveguide:	Patented SonicGuide® technology
MF / HF transducer arrangement:	Patented WaveAhead® technology
Amplification module:	Class D
Digital signal processor (DSP):	DynX® DSP technology
System power (RMS / peak):	1400 W / 2800 W
Inputs:	Stereo line input - 2 x XLR / 6.3 mm jack, Stereo Bluetooth® streaming
Output:	Dedicated mono XLR output for system pairing
Controls:	Main level, Sub level, Bluetooth®, Mono / Stereo setup, Power on / off



**MAUI® P900 FLIGHTCASE**  
FLIGHTCASE FOR LD MAUI® P900



**MAUI® P900 SUB PC**  
PADDED SLIP COVER FOR  
MAUI® P900 SUBWOOFER



**MAUI® P900 SAT BAG**  
PADDED CARRY BAG FOR  
MAUI® P900 COLUMN



**MAUI® P900 CB**  
CASTOR BOARD FOR LDMAUI®  
P900 SUBWOOFER

# MAUI<sup>®</sup> SERIES

POWERED COMPACT COLUMN PA SYSTEMS



# sound unlimited

Ever since its introduction, the self-powered LD Systems MAUI® Series vertical arrays has been taking audiences and performers by storm. Providing sound reinforcement and monitoring in a single, eminently portable system the compact, multi-amped MAUI® array columns are available in three formats with up to 1,600 watts continuous output. Without the need for cables, the extremely user friendly loudspeakers are set up in no time to deliver balanced full bandwidth audio with ultra wide horizontal coverage and extended, tightly focused vertical directivity. Featuring LD Systems' proprietary LECC processing for controlled dynamic performance, the MAUI® Series' slim elegance is also ideal for permanent installations fitting into virtually any decor. For the most demanding applications the series includes two subwoofer extensions.



# MAUI<sup>®</sup> SERIES

MAUI 44 G2

**in front  
of it**



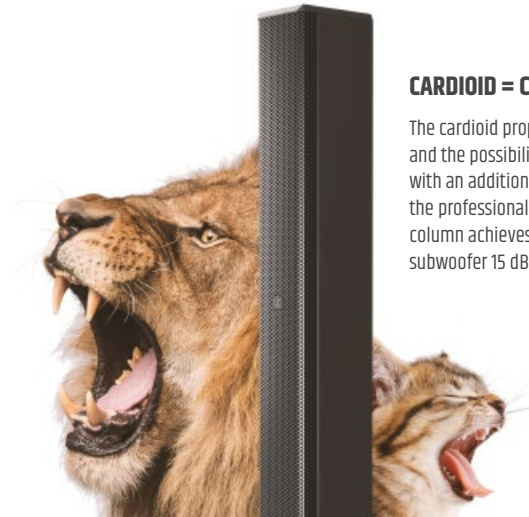
behind  
it





**MOST POWERFUL IN ITS CLASS**

The MAUI 44 G2 is the flagship of the MAUI series column PAs: it offers an enormous 1,500 watts of total output (RMS) with a frequency response of 37 Hz to 20 kHz and a sound-level pressure of 132 dB (peak).



**CARDIOID = CLEAN SOUND ON STAGE**

The cardioid properties of the column elements and the possibility of creating a cardioid bass with an additional subwoofer further highlights the professional nature of this sound system. The column achieves a rear attenuation of 18 dB, the subwoofer 15 dB.



**STEREO IS IN THE AIR**

In the case of permanent installations or when providing sound for conferences, the TrueWireless™ stereo function makes life a whole lot easier since it enables two systems to be wirelessly connected for stereo reproduction.



**SOURCE OF PERFECT SOUND**

Bluetooth® streaming in HD quality is no problem at all thanks to aptX™ and AAC Codec compatibility. Enjoy pure clarity and high-definition sound.



**A WAVE MASTER**

BEM-optimized high-frequency waveguide for uniform dispersion pattern, phase plug for coherent mid-range wavefront and flow-optimised bass-reflex ports.



**THE BUILT-IN SENTINEL**

LD Systems' DynX DSP technology provides massive headroom, exceptional transient response and distortion-free performance. The result is a natural, dynamic sound that's so alive you can almost touch it.

# MAUI<sup>®</sup> SERIES

MAUI 44 G2



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**MAUI<sup>®</sup> 44 G2**  
POWERED CARDIOID COLUMN LOUDSPEAKER



**SPECIFICATIONS:**

Art. No.:	LDMAUI44G2
Type:	Column PA System Powered
Subwoofer:	15" neodymium woofer
Vertical array system (2pcs):	Fullrange: 12 x 3.5" / HF: 4 x 0.5" on waveguide
Amplification:	Class D
Dispersion:	Horizontal 120° in average
Power output (RMS / peak):	1,500 W / 3,000 W
Frequency range:	37 Hz - 20 kHz
Max. SPL (peak):	132 db
Protection:	DC protection , Multiband limiter , short circuit , thermal protection
Controls:	Bluetooth HOLD TO LINK button , Bluetooth STEREO LINK button , Cardioid On/Off , Main level , Power On/Off , Sub level
Indicators:	Bluetooth , Bluetooth STEREO LINK , Cardioid On/Off , Limit , Power , Protect (protection circuit engaged) , Signal , slave mode , Subwoofer Mode
Subwoofer connectors:	Input: 2 x XLR female Output: 2 x XLR male
Satellite connectors:	Custom made multi pin connector
Cabinet material:	Subwoofer: 15/18 mm birch plywood / Column: aluminium
Cabinet surface:	Subwoofer: Polyurea / Column: Powder coating
Dimensions (W x H x D):	Subwoofer: 434 x 634 x 637 mm Column: 103 x 1621 x 135 mm
Weight:	Subwoofer: 36.4 kg / Columns: 11.2 kg
Features:	Bluetooth Audio Streaming , DSP-based Signal Processing , Excellent Sound Dispersion , Mono/ Stereo Application

# MAUI<sup>®</sup> SERIES

MAUI 11 G2 / MAUI 28 G2



**MAUI<sup>®</sup> 11 G2 (W)**  
PORTABLE COLUMN PA SYSTEM  
WITH MIXER AND BLUETOOTH



**MAUI<sup>®</sup> 28 G2 (W)**  
COMPACT COLUMN PA SYSTEM  
WITH MIXER AND BLUETOOTH





**MASSIVE SOUND THAT'S EASY TO CARRY**

A complete sound system that you can carry together with your instrument: introducing the MAUI G2 series. The two column elements in the padded shoulder bag, the subwoofer in one hand and the guitar or keyboard in the other - and off you go!

**ENJOY THE MUSIC WHILE PLAYING IT**

With its high feedback resistance the MAUI® Series provides sound reinforcement and monitoring in a single system. Just place the MAUI® behind you and experience the exact same sound your audience does.

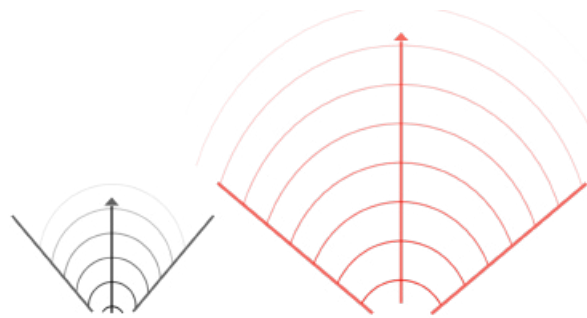
**AMAZING SOUND. RELIABLE PERFORMANCE.**

The DynX® DSP technology from LD Systems provides a top-class performance every time and the highest level of freedom from distortion. It includes a multiband limiter which protects against overloading, an EQ, a compressor and a 3-way crossover with run time correction.



**FULL-RANGE FOR REAL**

The MAUI G2 series is equipped with high-power subwoofers, 3" full-range speakers and two 1" neodymium HF drivers. They are driven by a light Class-D power amplifier with enormous power and produce a grunty bass, balanced mids and precise and silky highs.



standard speaker (90°)

MAUI speaker (120°)



**REACH EVERYONE IN THE AUDIENCE**

Ultra wide 120° horizontal dispersion and extended vertical directivity with reduced level drop ensure maximum coverage. The result is consistent sound across the listening area and the same audio experience for everyone in the audience.



**LET'S CONNECT**

With the integrated 4-channel mixer, system presets for mono or stereo configuration and Bluetooth® Audio Streaming, you have full control over the system. Whether you are a singer-songwriter, solo entertainer, DJ or musician in a small band, you will be thrilled with the extraordinary sound and portability of the MAUI G2 series.



# MAUI<sup>®</sup> SERIES

MAUI 5 / MAUI 5 GO



**MAUI 5<sup>®</sup> (W)**  
ULTRA-PORTABLE COLUMN PA SYSTEM  
WITH MIXER AND BLUETOOTH



**MAUI<sup>®</sup> 5 GO (W)**  
ULTRA PORTABLE BATTERY-POWERED  
COLUMN PA SYSTEM WITH MIXER





**GO LIGHTWEIGHT**

The MAUI 5 is an ultra-compact and lightweight PA and monitor system offering 800 watts peak performance and a maximum sound pressure of 120 dB. The smallest member of the MAUI family is assembled in a matter of seconds thanks to specially developed multi-pin connectors and only four components.

**GO FURTHER**

Ultra wide 120° horizontal dispersion and extended vertical directivity with reduced level drop ensure maximum coverage. The result is consistent sound across the listening area and the same audio experience for everyone in the audience.

**GO FOR HOURS**

The high-capacity LG Chem lithium-ion battery element provides up to 20 hours of uninterrupted operation - it all depends on how much you turn up the MAUI® 5 GO. And it takes only 3 hours to fully recharge the battery! (available on MAUI 5 GO version only)



**GO FOREVER**

The MAUI® 5 GO is capable of performing without time limit. Simply quick-swap the drained battery for a fully charged replacement battery in just a few seconds, recharge the drained unit using the optional charging dock, and you're good to go forever.



**GO LOUD AND CLEAR**

We've added our proprietary LECC® DSP which performs limiter, equalizer, compressor and crossover duties to ensure immaculate audio quality and speech intelligibility even at maximum levels.



**GO VERSATILE**

With Bluetooth® audio streaming and inputs for music playback, microphones and instruments, the MAUI® 5 is ready for live performances, recorded music and speeches.

# MAUI® SERIES

ACCESSORIES



**MAUI® 5 GO CD**  
CHARGING DOCK  
FOR MAUI® 5 GO BATTERY COLUMN



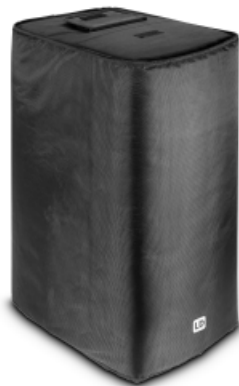
**MAUI® 5 GO BC (W)**  
EXCHANGEABLE BATTERY COLUMN  
FOR MAUI® 5 GO



**MAUI® 5 SUB BAG**  
PROTECTIVE COVER  
FOR MAUI® 5 AND MAUI 5 GO SUBWOOFER



**MAUI® 5 SAT BAG**  
TRANSPORT BAG  
FOR MAUI® 5 AND MAUI 5 GO COLUMN SPEAKERS



**MAUI® 11 G2 SUB PC**  
PADDED SLIP COVER  
FOR MAUI® 11 G2 SUBWOOFER



**MAUI® 11 G2 SAT BAG**  
PADDED BAG FOR MAUI® 11 G2 COLUMN



**MAUI® 28 G2 SUB PC**  
PROTECTIVE COVER  
FOR MAUI® 28 G2 SUBWOOFER



**MAUI® 28 G2 SAT BAG**  
PADDED SLIP COVER  
FOR MAUI 28 G2 SUBWOOFER



**MAUI® 28 G2 CB**  
DOLLY BOARD  
FOR MAUI 28 G2



**MAUI® 44 G2 SUB PC**  
PROTECTIVE COVER  
FOR LD MAUI® 44 G2 SUBWOOFER



**MAUI® 44 SAT BAG**  
TRANSPORT BAG  
FOR LD MAUI® 44 G2 COLUMN SPEAKER



**MAUI® 44 CB**  
CASTOR BOARD  
FOR LD MAUI® 44 G2 COLUMN POWERED PA SYSTEM



# MAUI® G2 SERIES

INSTALL SOLUTIONS



**M G2 SPS (W)**  
FLOOR STAND KIT  
FOR MAUI G2 COLUMNS

**M G2 IK 1 (W)**  
INSTALLATION KIT  
FOR MAUI G2 COLUMNS (PARALLEL WALL MOUNT)

**M G2 IK 2 (W)**  
INSTALLATION KIT  
FOR MAUI G2 COLUMNS (TILT AND SWIVEL WALL MOUNT)

**SPECIFICATIONS:**

Art. No.:	LDMAUI5G0(W)	LDMAUI5(W)	LDMAUI62(W)
Type:	Ultra Portable Battery-Powered Column PA System with Mixer	Ultra Portable Column PA System with Mixer & Bluetooth	Portable Column PA System with Mixer & Bluetooth
Subwoofer:	1 x 8" Bass reflex	1 x 8" Bass reflex	3 x 6.5"
Vertical array system:	4 x 3"	4 x 3"	Fullrange: 8 x 3" / HF: 2 x 1" horn tweeter
Amplification:	Class D	Class D	Class D
Dispersion (H x V):	120° x 20°	120° x 20°	120° x 20°
Power output (RMS / peak):	200 W / 800 W	200 W / 800 W	500 W / 1,000 W
Frequency range:	50 Hz - 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz
Max SPL (peak):	120 dB	120 dB	124 dB
Protection:	DSP multiband limiter plus short circuit, overcurrent and thermal protection	DSP based multiband limiter, Short circuit, over current, thermal protection	short circuit, DC protection, thermal protection, multiband limiter
Controls:	Main level, subwoofer level, hi boost, mic level, hi-Z level, line level, MP3/Bluetooth® level, Bluetooth® link, on/off switch, mono/stereo switch	Main Level, Subwoofer Level, Hi EQ, Mic Level, MP3/Hi-Z Level, Line Level, ON/OFF switch	MP3/Bluetooth level, Bluetooth button, Line Level, Mono/stereo switch, Main Level, sub level, Power, Hi-Z Level
Indicators:	On, signal, limit, protect, battery power	On, signal, limit, protect	protect (protection circuit engaged), signal, on, limit, Setup, mono, stereo
Subwoofer connectors:	2 x XLR/6.35 mm combo line inputs, XLR/6.35 mm combo mic input, 3.5 mm MP3 input, 6.35 mm hi-Z input, XLR system out	Line input: 2 x XLR/6.3 mm jack Combo, Mic input: XLR / 6.3 mm jack, MP3 input: 3.5 mm jack, Hi-Z input: 6.3 mm jack	Line input: 2 x stereo XLR/6.3 mm jack, RCA / Line output: 1 x direct out XLR, Mic input: 1, XLR/6.3 mm jack / MP3 input: 3.5 mm jack, Hi-Z input: 6.3 mm jack
Satellite connectors:	Custom made multi pin connector	Custom made multi pin connector	Custom made multi pin connector
Cabinet material:	ABS	ABS	Subwoofer: 15 mm plywood / Column: aluminium
Cabinet surface:	Subwoofer: PA painting / Column: powder coating	Subwoofer: PA painting / Column: powder coating	Subwoofer: PA painting / Column: HD coating
Battery technology:	Li Chem lithium-ion battery, chargeable via subwoofer or optional charging dock, 2 h to 80% capacity, 3 h to 100% capacity	n. a.	n. a.
Battery capacity:	30 h @ 98 dB (Lounge mode), 10 h @ 104 dB (Live music), 6 h @ 120 dB (DJ mode) / 5,200 mAh, 29.6 V	n. a.	n. a.
Dimensions (W x H x D):	Subwoofer: 305 x 405 x 395 mm / Column (3 pcs): 82 x 535 x 105 mm	Subwoofer: 305 x 405 x 395 mm / Column (3 pcs): 82 x 535 x 105 mm	Subwoofer: 285 x 650 x 373 mm / Column: 96 x 620/730 x 104 mm
Weight:	12.9 kg / 29 lbs (incl. battery)	Subwoofer: 8.2 kg / Columns (3 pcs): 3.1 kg	Subwoofer: 16.9 kg / Column: 2.6 / 5.4 kg
Features:	Battery powered, quick-swap technology (patent pending), LD Systems LECC® DSP (limiter, equalizer, compressor, crossover), hi-boost, 100 Hz low cut on mic input, multipin connectors for easy assembly, Bluetooth® stereo audio streaming	Signal processing LD LECC DSP (limiter, equalizer, compressor, crossover), Hi EQ, 100Hz low cut in Mic channel, easy connection with multipin plug	DSP-based signal processing, Excellent sound dispersion, Bluetooth audio streaming, 4-channel mixer on board, Mono/ Stereo application, Automatic DSP adjustment, Available in black and white, Wall mount and floor stand available

Art. No.:	LDMAUI28G2(W)
Type:	Compact Column PA System with Mixer & Bluetooth
Subwoofer:	2 x 8"
Vertical array system (2pcs):	Fullrange: 16 x 3" / HF: 2 x 1"
Amplification:	Class D
Dispersion:	120° x 20°
Power output (RMS / peak):	1000 W / 2,000 W
Frequency range:	45 Hz - 20 kHz
Max SPL (peak):	126 dB
Protection:	DC protection, multiband limiter, short circuit, thermal protection
Controls:	Mic Level, Sub level, Line Level, MP3/Bluetooth Level, Hi-Z Level, Main Level, Mono/Stereo switch, Bluetooth button
Indicators:	On, signal, limit, protect, Mono/Stereo, Setup
Subwoofer connectors:	Line input: 2 x stereo XLR/6.3 mm jack, RCA / Line output: 2 (1x System Out, 1x Sub Out) XLR / Mic input: 1, XLR/6.3 mm jack / MP3 input: 3.5 mm jack, Hi-Z input: 6.3 mm jack
Satellite connectors:	Custom made multi pin connector
Cabinet material:	Subwoofer: 15 mm plywood / Column: aluminium
Cabinet surface:	Subwoofer: PA painting / Column: HD coating
Dimensions (W x H x D):	Subwoofer: 370 x 484 x 480 mm / Column: 96 x 780/795 x 104 mm
Weight:	Subwoofer: 19.7 kg Column: 5.6 / 5.6 kg
Features:	DSP-based signal processing, Excellent sound dispersion, Bluetooth audio streaming, 4-channel mixer on board, Mono/ Stereo application, Automatic DSP adjustment, Available in black and white, Wall mount and floor stand available

# CURV 500<sup>®</sup> SERIES

PORTABLE ARRAY SYSTEM

## array reinvented.



With the CURV 500<sup>®</sup> LD Systems<sup>®</sup> presents the first truly portable array featuring the WaveAhead<sup>®</sup> technology for high definition audio with powerful punch and superb balance. Delivering extended vertical and horizontal coverage the system is fully scalable with up to four interlocking unibody-array satellites connected to a subwoofer base while the unique SmartLink<sup>®</sup> plug and play adapter provides multiple mounting options. For all-in-one convenience a four channel mixer sporting a digital effects section and Bluetooth<sup>®</sup> wireless technology has been integrated in the CURV 500<sup>®</sup> subwoofer.

- The first truly portable array system
- For AV, DJs, singer-songwriters, entertainers and home use
- WaveAhead<sup>®</sup> technology for high definition audio
- Fully scalable for far and near field applications
- 4 channel mixer with DFX and Bluetooth<sup>®</sup> technology
- SmartLink<sup>®</sup> plug & play adapter
- Durable aluminum unibody construction



**THE ARRAY WITHIN THE ARRAY**

The CURV 500 array satellites incorporate LD Systems' exclusive WaveAhead® technology which puts a vertical array of 3 tweeters in front of a high power fullrange driver. This arrangement results in highly detailed, transparent audio and delivers your performance with superior clarity and precision.



**OPENING NEW SOUND HORIZONS**

The CURV 500 is the first truly portable modular array system. It features an powered subwoofer unit powering the passive array satellites while the unique SmartLink® adapter provides a wide variety of system configurations and mounting options for mobile and fixed applications.



**THE POWER TO DO MORE**

Integrating a 4-channel mixer the CURV 500 provides comprehensive connectivity for microphones, instruments and laptops plus Bluetooth® technology for wireless streaming from your smartphone or tablet. In addition, a 24-bit processor lets you add digital effects to enhance your sound.



**MULTIPLE APPLICATIONS. ONE SOLUTION.**

With plug-and-play convenience the CURV 500 SmartLink® adapter is your multi-purpose array interface. It provides connectivity to the subwoofer and universal mounting options on poles, walls, ceilings or trusses and also doubles as a desktop stand.

**DURABLE CONSTRUCTION**

A masterpiece of design technology, the aluminium unibody construction of the CURV 500 array satellites sets new standards. Lightweight yet exceptionally durable, it is an essential ingredient for the system's outstanding audio quality.



# CURV 500<sup>®</sup> SERIES

PORTABLE ARRAY SYSTEM



**CURV 500<sup>®</sup> TS**  
TOURING SET



**CURV 500<sup>®</sup> ES**  
ENTERTAINER SET



**CURV 500<sup>®</sup> PS**  
POWER SET



**CURV 500® PES**  
POWER EXTENSION SET

ALSO AVAILABLE  
IN WHITE



**CURV 500® AVS (W)**  
A/V SET

# CURV 500<sup>®</sup> SERIES

PORTABLE ARRAYS SYSTEM - ACCESSORIES



**CURV 500<sup>®</sup> TS SUB PC**  
 PADDED SLIP COVER  
 FOR LD CURV 500<sup>®</sup> TS SUBWOOFER



**CURV 500<sup>®</sup> TS SAT BAG**  
 PADDED CARRY BAG  
 FOR CURV 500<sup>®</sup> TS DUPLEX SATELLITES



**CURV 500<sup>®</sup> TS CB**  
 CASTOR BOARD  
 FOR CURV 500<sup>®</sup> TS SUBWOOFER



**CURV 500<sup>®</sup> TS DB**  
 SPEAKER POLE  
 FOR LD CURV 500<sup>®</sup> TS



**CURV 500<sup>®</sup> SAT BAG**  
 PADDED TRANSPORT BAG  
 FOR 4 CURV 500<sup>®</sup> SATELLITES



**CURV 500<sup>®</sup> SUB PC**  
 TRANSPORT TROLLEY  
 FOR CURV 500<sup>®</sup> SUBWOOFER



**CURV 500<sup>®</sup> DB (W)**  
 ADJUSTABLE SPEAKER POLE  
 FOR CURV 500<sup>®</sup> PORTABLE ARRAY SYSTEM



**CURV 500<sup>®</sup> STS**  
 STEREO SET COMPOSED OF A SMARTLINK ADAPTER,  
 DISTANCE BAR, SPEAKER STAND BASE AND CABLE



**CURV 500<sup>®</sup> SSB**  
 SPEAKER STAND BASE  
 FOR LD CURV 500<sup>®</sup>

**SPECIFICATIONS:**

Art. No.	LD CURV500ES	LD CURV500AVS	LD CURV500PS	LD CURV500TS
Type:	Portable Array System Entertainer Set Including Distance Bar & Speaker Cable	Portable Array System AV Set Including Speaker/Phoenix Cables	Portable Array System Power Set Including Distance Bars & Speaker Cables	Installation Loudspeakers, PA Complete Systems Accessories, PA Complete Systems
Rated System Power (RMS):	460 W	380 W	920 W	1000 W
Number of Array Satellites:	4	2	8	4
Number of Smartlink® Adapters:	1	2	2	1
Number of Subwoofers:	1	1	2	1
Max. SPL (continuous):	122 dB	116 dB	128 dB	125 dB
Max. SPL (peak):	128 dB	122 dB	134 dB	131 dB
Subwoofer:	10" bass reflex			15" bass reflex
Satellite:	MF: 1 x 4" / HF: 3 x 1" with WaveAhead® Technology / 16 ohms			MF: 1 x 4" / 2 x 4" / HF: 3 x 1" with WaveAhead® Technology / 16 ohms
Frequency range:	47 Hz - 20 kHz			40 Hz - 20 kHz
Dispersion (H x V):	110° horizontal, 10° vertical per satellite			110° horizontal, vertical 10° per satellite (single), 110° horizontal, vertical 5° per satellite (double)
Amplification:	Class D			Class D
Power Output (RMS/Peak):	Subwoofer: 300 W / 1200 W Array Satellites: 2 x 160 W / 2 x 640 W		Subwoofer: 300 W / 1200 W Array Satellites: 2 x 160 W / 2 x 640 W Subwoofer Extension: 300 W / 1200 W	Subwoofer: 700 W / 1400 W Array Satellites: 300 W / 600 W
Protection:	DSP based multiband-limiter, Short Circuit, Overheating, Over-current			DSP-based multiband limiter, thermal overload, short circuit, overload
Subwoofer Features:	4 channel mixer, Bluetooth®, 16 DFX Presets, 4 System DSP Presets, threaded M20 flange, 3 ergonomic handles			Powercon, Threaded flange M20, 4 ergonomic handles, speakON output, 6 System DSP Presets
Subwoofer Controls:	Input Level (Ch1-4), Hi-Z, Hi/Low EQ (Ch1-2), DFX (Ch1-2), DFX Presets, DSP Presets, Bluetooth® Link, Mono/Stereo, Sub Level, Main Level			Main Level, Sub Level, DSP Presets
Subwoofer Indicators:	Signal, Limit, Bluetooth®, Power			Signal, Limit, Power, Satellites
Subwoofer Connectors:	1x Mic/Hi-Z (XLR/6.3mm Jack Combo), 1x Mic (XLR/6.3mm Jack Combo), 3.5mm Jack, 2 x Array Satellite Out (Speakon compatible), Line Out (XLR), System Out (5-pin XLR)			1 x Line Input (XLR), 1x THRU (XLR), 1 x Array Satellite Out (Speakon compatible)
Subwoofer Material:	Plywood			Plywood
Subwoofer Surface:	PA Painting			Polyurea
Array Satellite Features:	WaveAhead® Technology, internal crossover, metal grille			WaveAhead® Technology, internal crossover, metal grille
Array Satellite Material:	Diecast Aluminium			Diecast Aluminium
Array Satellite Surface:	Powder coating			Powder coating
Smartlink® Adapter Features:	dual 16 mm flange, 2x M6 thread for optional wall mount			dual 16 mm flange, 2x M6 thread for optional wall mount
Smartlink® Adapter Connectors:	1x Speakon compatible, 1x Phoenix			1x Speakon compatible, 1x Phoenix
Smartlink® Adapter Material:	Diecast Aluminium			Diecast Aluminium
Smartlink® Adapter Surface:	Powder coating			Powder coating
Subwoofer Dimensions (W x H x D):	325 x 383 x 491 mm			600 x 437 x 587 mm
Array Satellite Dimensions (W x H x D):	122 x 122 x 122 mm			122 x 122 x 122 mm (single) / 122 x 240 x 126 mm (double)
Smartlink® Adapter Dimensions (W x H x D):	122 x 57 x 122 mm			122 x 57 x 122 mm
Subwoofer Weight:	16.5 kg			35.5 kg
Array Satellite Weight:	1.7 kg			1.7 kg (single) / 3.3 kg (double)
Smartlink® Adapter Weight:	0.6 kg			0.6 kg

CHECK OUT OUR CONFIGURATION GUIDES ONLINE AT  
**LD-SYSTEMS.COM/CURV500**

**ADDITIONAL ACCESSORIES**

- CURV 500 CABLE 1** SPEAKER CABLE 2.2 M FOR CURV 500®
- CURV 500 CABLE 2** SPEAKER CABLE WITH TERMINAL BLOCK 3 M FOR CURV 500®
- CURV 500 CABLE 3** 5-PIN XLR SYSTEM CABLE 10 M FOR CURV 500®
- CURV 500 CABLE 4** SPEAKER CABLE 8 M FOR CURV 500®





# CURV 500<sup>®</sup> SERIES

## INSTALL SOLUTIONS

Great sound can also be installed – combining unique design and modularity, ease of integration and professional audio performance, the CURV 500<sup>®</sup> series now features dedicated products for the professional install market. Now you can create fully integrated distributed systems with up to 24 CURV 500<sup>®</sup> speakers. Set yourself apart from the competition, give your customers more than what they want – inspire them!

- Wide range of mounting options for walls, ceilings and truss structures
- Easy scalability with the “slide-and-lock” mechanism
- Full install flexibility thanks to the Smartlink<sup>®</sup> adapter
- 1U 19" rackmount 4-channel DSP amplifier
- Up to 24 Curv500 speakers with one iAmp amplifier in low impedance mode
- In-depth DSP settings (10 PEQ, and Delay per channel), and presets for various CURV speaker configurations
- Routing matrix, and global user presets included in the iAMP
- Password protected system



## CURV 500<sup>®</sup> iAMP

### 4-CHANNEL CLASS D INSTALLATION AMPLIFIER

#### SPECIFICATIONS:

Product number:	LDCURV500IAMP
Product type:	Power Amplifiers
Type:	Installation Power Amplifiers
Rated output power (1kHz @ 2,7 Ohms):	4 x 240 W
Rated output power (1kHz @ 4 Ohms):	4 x 240 W
Rated output power (1kHz @ 8 Ohms):	4 x 120 W
Rated output power (1kHz @ 16 Ohms):	4 x 60 W
Rated output Power BTL / 70 V operation (Bridge Tied Load, 1 kHz @ 4 Ohm):	2 x 480 W (depending on preset)
Output circuitry:	Class D
Frequency range:	10 - 22,000 Hz
THD:	< 0,01 %
Protection circuits:	thermal overload, over-current, soft start, short circuit, DC

Controls:	Push encoder
Indicators:	OLED Display
Line inputs:	4
Line input connectors:	Terminal block, XLR
Loudspeaker outputs:	4
Speaker output connections:	Terminal block, speakon compatible
Cooling:	Temperature controlled low-noise fan, noiseless in idle mode
Operating voltage:	100 V AC - 240 V AC, 50 - 60 Hz, Switch mode power supply with power factor correction (PFC)
Power consumption @ full load:	1100 W
Dimensions (W x H x D):	482 mm x 44 mm x 420 mm
Weight:	6.8 kg



## CURV 500® i SUB (W)

10" INSTALLATION SUBWOOFER 200 W

### SPECIFICATIONS:

Product number:	LD CURV500ISUB(W)
Product type:	PA subwoofer
Type:	Passive
Low/mid driver dimensions:	10"
Load rating (RMS):	200 W
Frequency range:	47 - 150 Hz
Impedance:	3 Ohm(s)

Loudspeaker inputs:	2
Speaker input connections:	Speakon compatible
Cabinet material:	15 mm MDF
Cabinet surface:	Texture paint
Cabinet colour:	Black / white
Cabinet construction:	Vented
Dimensions (W x H x D):	610 mm x 310 mm x 230 mm
Weight:	14.5 kg

# CURV 500<sup>®</sup> SERIES

## INSTALL SOLUTIONS



**EASE-GLL**  
available online



**CUSTOMIZABLE  
IN ANY RAL COLOUR**



### CURV 500<sup>®</sup> SLA (W) T

CURV 500<sup>®</sup> 70 / 100 VOLT SMARTLINK<sup>®</sup> ADAPTER

#### SPECIFICATIONS:

Product number:	LDCURVSLA(W)T
Product type:	PA Complete Systems Accessories
Material / Surface:	Die-cast aluminium / Powder coated
Connectors:	2-pole terminal block
Colour:	Black / white
Loudspeaker inputs:	2
Dimensions (W x H x D):	122 mm x 57 mm x 122 mm
Weight:	1.15 kg
Features:	4 x M3 thread for optional ceiling mount, 4 x rubber feet for desktop use, M6 thread for safety eyebolt, SmartLink <sup>®</sup> System, 2x M6 thread for optional wall/truss mount



### CURV 500<sup>®</sup> SLA (W)

SMARTLINK<sup>®</sup> ADAPTER

#### SPECIFICATIONS:

Product number:	LDCURV500SLA(W)
Product type:	PA Complete Systems Accessories
Material / Surface:	Die-cast aluminium / Powder coated
Connectors:	1x Speakon compatible, 1x Terminal block
Colour:	Black / white
Dimensions (W x H x D):	122 mm x 57 mm x 122 mm
Weight:	0.35 kg
Features:	2 x 16 mm flanges, 2x M6 thread for optional wall mount

### CURV 500<sup>®</sup> S2 (W)

TWO ARRAY SATELLITES  
FOR THE CURV 500<sup>®</sup> PORTABLE ARRAY SYSTEM

#### SPECIFICATIONS:

Product number:	LDCURV500S2(W)
Product type:	PA Complete Systems Accessories
Midrange size:	1 x 4"
Tweeter dimensions:	3 x 1"
Power output (RMS/Peak):	40 W / 80 W
Dispersion:	110° horizontal, vertical 10° per satellite
Impedance:	16 Ohm
Material / Surface:	Die-cast aluminium / Powder coated
Colour:	Black / white
Dimensions (W x H x D):	122 mm x 122 mm x 122 mm
Weight:	3.44 kg
Features:	WaveAhead <sup>®</sup> Technology, metal grille, M3 thread for safety rope for installations, SmartLink <sup>®</sup> System, internal crossover

### CURV 500<sup>®</sup> DSAT (W)

DUPLEX SATELLITE

#### SPECIFICATIONS:

Product number:	LDCURV500DSAT(W)
Product type:	PA Complete Systems Accessories
Midrange size:	2 x 4"
Tweeter dimensions:	6 x 1"
Power output (RMS/Peak):	80 W / 160 W
Dispersion:	110° horizontal, vertical 7° per satellite
Impedance:	8 Ohm
Material / Surface:	Die-cast aluminium / Powder coated
Colour:	Black / white
Dimensions (W x H x D):	122 mm x 240 mm x 126 mm
Weight:	3.3 kg
Features:	WaveAhead <sup>®</sup> Technology, metal grille, M3 thread for safety rope for installations, SmartLink <sup>®</sup> System, internal crossover



**CURV 500® WMBL (W)**  
TILT & SWIVEL WALL MOUNT BRACKET



**CURV 500® WMB (W)**  
WALL MOUNTING BRACKET  
FOR CURV 500® SATELLITES



**CURV 500® CMB (W)**  
CEILING MOUNTING BRACKET  
FOR CURV 500® SATELLITES



**CURV 500® TMB**  
TRUSS CLAMP  
FOR CURV 500® SATELLITES



# DAVE® G3 SERIES

COMPACT POWERED PA SYSTEMS WITH DSP

## goliath sound!

Including four self-powered single 10" to 18" subwoofer plus dual satellite systems with peak performances ranging from 1,400 to 4,800 watts, the DAVE G3 Series covers a multitude of sound reinforcement requirements.

Sporting LD Systems' proprietary LECC digital signal processing and a comprehensive set of features the DAVE® G3 Series provides consistent, crystal clear audio, ease of use and reliable operation.

With their rugged construction and easy portability the compact DAVE® G3 2.1 PA systems are ready for the road. An extended range of useful accessories completes the series.

- Portable 2.1 sound reinforcement
- 4 self-powered systems with 1,400 to 4,800 watts peak power
- LECC digital signal processing for superior performance





**DIGITAL SOUND PRECISION**

The LD LECC DSP digital processor ensures perfectly tuned functioning of the system. It includes specially amplitude and low-latency optimized crossovers, separate equalizers and limiters for the bass, mid, and treble frequency ranges, and a dynamic compressor that controls the subwoofer according to volume and provides for increased punch at low volumes.

**2.1 SOUND GOLIATH**

The bass reflex subwoofer and the 2 satellites with HF horns ensure a good sound with driving, defined bass, natural mids, and clear treble.



**RIGHT ON SPOT**

For accurate vertical orientation of the satellites, the speaker supports are vertically adjustable by  $\pm 13.5^\circ$  max. in seven increments.

**SECURE GRIP FROM ALL SIDES**

The innovative Evolutive Handles by LD Systems offer a secure and ergonomic grip from all sides for easier transportation.



**ROAD READY**

Protection covers for the system components and a castor board with a lashing strap for easy transport are available as accessories. Matching speaker stands, spacer tubes, and mounting forks are also available separately.



# DAVE® G3 SERIES

COMPACT POWERED PA SYSTEMS WITH DSP



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**DAVE® 10 G3**  
COMPACT 10" POWERED PA SYSTEM SYSTEM  
WITH DSP



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**DAVE® 12 G3**  
COMPACT 12" POWERED PA SYSTEM SYSTEM  
WITH DSP



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**DAVE® 15 G3**  
COMPACT 15" POWERED PA SYSTEM SYSTEM  
WITH DSP



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**DAVE® 18 G3**  
COMPACT 18" POWERED PA SYSTEM SYSTEM  
WITH DSP

## SPECIFICATIONS:

Art. No.:	LDDAVE10G3	LDDAVE12G3
Type:	Compact powered PA system with DSP	Compact powered PA system with DSP
Subwoofer:	10"	12"
Satellites:	LF: 5,25" / HF: 1" horn tweeter	LF: 6,5" / HF: 1" horn tweeter
Amplification:	Class A / B	Class A / B
Power output (RMS / peak):	350 W / 1,400 W	500 W / 2,000 W
Frequency range:	45 Hz - 19 kHz	40 Hz - 19 kHz
Max SPL (peak):	126 dB	130 dB
Protection:	Short circuit, over-current, limiter	Short circuit, over-current, limiter
Controls:	Volume, sub Level, 180° phase reverse, On / Off switch	Volume, Sub Level, 180° phase reverse, On / Off switch
Indicators:	ON, signal, limit	ON, signal, limit, protect
Cooling:	Convection	Fan
Subwoofer connectors:	Input: 2 x XLR / 6.3 mm jack (combo) / RCA	Input: 2 x XLR / 6.3 mm jack (combo) / RCA, output: 2 x XLR
Satellites connectors:	Speakon compatible	Speakon compatible
Cabinet material:	Subwoofer: 15 mm plywood / Satellites: 12 mm plywood	Subwoofer: 15 mm plywood / Satellites: 15 mm plywood
Cabinet surface:	Texture paint	Texture paint
Dimensions (W x H x D):	Subwoofer: 345 x 430 x 460 mm / Satellites: 200 x 300 x 230 mm	Subwoofer: 435 x 500 x 540 mm / Satellites: 250 x 400 x 250 mm
Weight:	Subwoofer: 19.5 kg / Satellites: 4 kg	Subwoofer: 31.5 kg / Satellites: 8.5 kg
Features:	Subwoofer: LD SYSTEMS evolutive handles, threaded flange (M20), limiter, LECC DSP Satellite: ergonomic milled handles, stand support (5° sloped)	Subwoofer: LD SYSTEMS evolutive handles, threaded flange (M20), limiter, LECC DSP Satellite: ergonomic milled handles, stand support adjustable, vertically (SM707)
Art. No.:	LDDAVE15G3	LDDAVE18G3
Type:	Compact powered PA system with DSP	Compact powered PA system with DSP
Subwoofer:	15"	18"
Satellites:	LF: 8" / HF: 1" horn tweeter	LF: 10" / HF: 1" horn tweeter
Amplification:	Class A / B	Class D
Power output (RMS / peak):	700 W / 2,800 W	1,200 W / 4,800 W
Frequency range:	35 Hz - 19 kHz	35 Hz - 20 kHz
Max SPL (peak):	132 dB	135 dB
Protection:	Short circuit, Over-current, limiter	Dual limiter, short circuit, over current
Controls:	Volume, sub level, 180° phase reverse, On / Off switch	ON/OFF, sub level, main level, 180° phase reverse
Indicators:	ON, signal, limit, protect	ON, signal, limit, protect
Cooling:	Fan	Convection
Subwoofer connectors:	Input: 2x XLR / 6.3 mm jack (combo) / RCA, output: 2 x XLR	Line input: 2 x XLR / 6.3mm jack, 2 x RCA
Satellites connectors:	Speakon compatible	Speakon compatible
Cabinet material:	Subwoofer: 18 mm plywood / Satellites: 15 mm plywood	Subwoofer: 15 mm plywood / Satellites: 15 mm plywood
Cabinet surface:	Texture paint	PA painting
Dimensions (W x H x D):	Subwoofer: 480 x 570 x 635 mm / Satellites: 275 x 430 x 260 mm	Subwoofer: 510 x 635 x 710 mm / Satellites: 300 x 460 x 263 mm
Weight:	Subwoofer: 41.5 kg / Satellites: 9.7 kg	Subwoofer: 43 kg / Satellites: 10 kg
Features:	Subwoofer: LD SYSTEMS evolutive handles, threaded flange (M20), limiter, LECC DSP Satellite: ergonomic milled handles, stand support adjustable, vertically (SM707)	SM720 threaded flange, LD SYSTEMS Evolutive handles, SM707 tilt flange, LECC DSP

## AVAILABLE ACCESSORIES

**DAVE® 10 G3 CB** CASTOR BOARD FOR DAVE 10 G3 INCL. LASHING STRAP  
**DAVE® 10 G3 SAT BAG** PROTECTIVE COVER FOR DAVE 10 G3 SATELLITES  
**DAVE® 10 G3 SUB BAG** PROTECTIVE COVER FOR DAVE 10 G3 SUBWOOFER  
**DAVE® 10 G3 SET** ACCESSORY SET FOR DAVE 10 G3  
**DAVE® 12 G3 CB** CASTOR BOARD FOR DAVE 12 G3 INCL. LASHING STRAP  
**DAVE® 12 G3 SAT BAG** PROTECTIVE COVER FOR DAVE 12 G3 SATELLITES  
**DAVE® 12 G3 SUB BAG** PROTECTIVE COVER FOR DAVE 12 G3 SUBWOOFER  
**DAVE® 12 G3 SET** ACCESSORY SET FOR DAVE 12 G3

**DAVE® 15 G3 CB** CASTOR BOARD FOR DAVE® 15 G3 INCL. LASHING STRAP  
**DAVE® 15 G3 SAT BAG** PROTECTIVE COVER FOR DAVE® 15 G3 SATELLITES  
**DAVE® 15 G3 SUB BAG** PROTECTIVE COVER FOR DAVE® 15 G3 SUBWOOFER  
**DAVE® 15 G3 SET** ACCESSORY SET FOR DAVE® 15 G3  
**DAVE® 18 G3 CB** CASTOR BOARD FOR DAVE® 18 G3  
**DAVE® 18 G3 SAT BAG** PROTECTIVE COVER FOR DAVE® 18 G3 SATELLITES  
**DAVE® 18 G3 SUB BAG** PROTECTIVE COVER FOR DAVE® 18 G3 SUBWOOFER  
**DAVE® 18 G3 SET** ACCESSORY SET FOR DAVE® 18 G3



# DAVE® 8 SERIES

PORTABLE POWERED PA SYSTEMS

you make it rock,  
**we make it roll!**

With the DAVE® 8 ROADIE and XS subwoofer and dual satellite combos, the DAVE® 8 Series provides truly multi-talented self-powered solutions for a wide variety of tasks.

The DAVE® 8 Series shines in multimedia and home recording applications delivering clear, natural audio and consistent performance. Combining attractive aesthetics and convenient portability, the compact 2.1 systems are equally at home in bars, cafés and onstage for small PA use or dedicated DJ and keyboard monitoring.

The DAVE® 8 Series includes a range of accessories for easy transport and setup.

- Extremely compact self-powered 2.1 systems
- Powerful performance and easy portability
- For mobile, fixed and home applications





# DAVE® 8 XS

COMPACT POWERED PA SYSTEM



### EXTREMELY COMPACT SELF-POWERED 2.1 SYSTEM

The LD Systems DAVE® 8XS is a portable 2.1 multimedia system with a high-performance 8" band pass subwoofer and two satellites (2 x 4" + 1" silk dome tweeter). It is specifically designed for multimedia applications home PA or gaming; it is also suitable as a monitor for DJs or keyboardists or as a music system for smaller venues such as bars and cafés.

### PROFESSIONAL CROSSOVER PA

The system provides crystal-clear sound. The high-performance Class A/B amplifier built into the subwoofer provides for both the subwoofer and the satellites. The multimedia system LD DAVE® 8XS has line inputs in XLR and RCA format.



### EXTENSIVE PROTECTIONS

The built-in limiter keeps the system safe from overload and ensures a long service life. On the side of the subwoofer, in addition to an ON/OFF switch and a phase reverse switch (180°), there is a separate subwoofer volume knob that allows you to find the perfect mix of brilliant treble, punchy mids, and powerful bass.



**DAVE® 8 XS**  
COMPACT POWERED PA SYSTEM



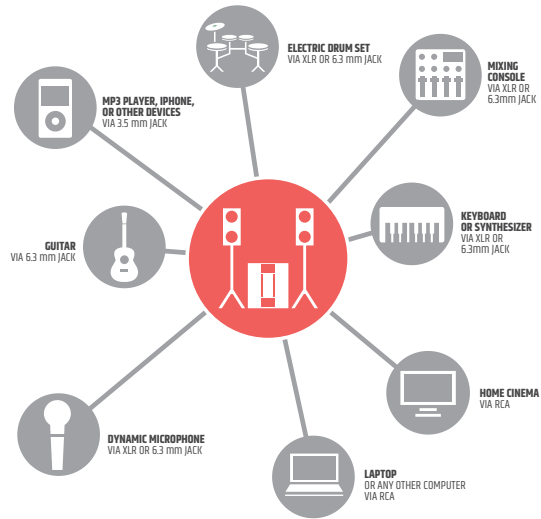
**DAVE® 8 XS W**  
COMPACT POWERED PA SYSTEM

# DAVE® 8 ROADIE

## PORTABLE COMPACT POWERED PA SYSTEM

### EXTREMELY COMPACT SELF-POWERED 2.1 SYSTEMS

The DAVE 8® Roadie was designed as a flexible and portable mini PA system especially for musicians. This complete PA system with its powerful 1400-watt (Peak) power amp delivers astounding performance for mobile applications. It is equipped with a high-performance 8" band-pass subwoofer and two satellite speakers (2 x 4" + 1").



### SMART ELECTRONICS

The built-in limiter keeps the system safe from overload and ensures a long service life. On the side of the subwoofer, in addition to an ON/OFF switch and a phase reverse switch (180°), there is a separate subwoofer volume knob that allows you to find the perfect mix of brilliant treble, punchy mids, and powerful bass.



### CONNECT ALMOST ANY AUDIO DEVICE

The DAVE® 8 Roadie features three different inputs, which can be used simultaneously. One channel has a combo socket (XLR/jack) for dynamic microphones. One channel offers dual RCA connectors for computers as well as a combo socket (XLR/jack) for mixers or keyboards. Finally, the third channel has a 3.5 mm stereo and a 6.3 mm mono jack input for MP3 players or guitars with a switch for selecting the desired input.

### WIDE RANGE OF ACCESSORIES

The DAVE 8® Series includes a range of accessories for easy transport and setup. Powerful performance and easy portability.



**DAVE® 8 ROADIE**  
PORTABLE POWERED PA SYSTEM  
WITH 3-CHANNEL MIXER

## SPECIFICATIONS:

Art. No.:	LDDAVE8XS(W)	LDDAVE8ROADIE
Type:	Compact powered PA system	Portable powered PA system with 3-Channel mixer
Subwoofer:	8"	8"
Satellites:	LF: 2 x 4" / HF: 1" silk dome tweeter	LF: 2 x 4" / HF: 1" silk dome tweeter
Amplification:	Class A / B	Class A / B
Power output (RMS / peak):	350 W / 1400 W	350 W / 1400 W
Frequency range:	45 Hz - 19 kHz	45 Hz - 19 kHz
Max SPL (peak):	117 dB	123 dB
Protection:	Short circuit, over-current, limiter	Short circuit, over-current, limiter
Controls:	Volume, sub level, 180° phase reverse, On / Off switch	ON / OFF, Volume, microphone, MP3 / instrument, sub level, 180° phase reverse, input switch (3.5mm jack / 6.3mm jack)
Indicators:	Power, protect	Power, protect
Subwoofer connectors:	Input: line: XLR/6.3 mm jack combo / RCA / powered output for DAVE8XS satellites	Line input: 2 x XLR / 6.3 mm Jack Combo, RCA Mic input: XLR / 6.3mm Jack Combo Powered outputs for satellites
Satellites connectors:	2 x XLR	2 x Speakon compatible
Cabinet material:	Subwoofer: 15 mm MDF / Satellites: 12 mm MDF	Subwoofer: 15 mm MDF / Satellites: 12 mm MDF
Cabinet surface:	Painting	Painting
Dimensions (W x H x D):	Subwoofer: 352 x 430 x 434 mm / Satellites: 144 x 350 x 170 mm	Subwoofer: 352 x 430 x 434 mm / Satellites: 150 x 350 x 170 mm
Weight:	Subwoofer: 18 kg / Satellites: 4.5 kg	Subwoofer: 19 kg / Satellites: 5 kg
Features:	Subwoofer: limiter, Satellite: 16 mm flange, 2x M6 threads for wall mounting	Subwoofer: limiter, transport handles, 100Hz low cut in Mic channel Satellite: 16 mm flange, transport handles, metal front grille, M6 threads for wall mounting

## AVAILABLE ACCESSORIES

## DAVE® 8 SET 1

TRANSPORT BAGS WITH WHEELS FOR DAVE 8 SYSTEMS

## DAVE® 8 SET 2

2 X SPEAKER STAND WITH TRANSPORT BAG + 2 X SPEAKER CABLE 5 M FOR DAVE 8 SYSTEMS

## DAVE® 8 SAT BAG

PROTECTIVE COVER FOR DAVE® 8 SATELLITES

## DAVE® 8 SUB BAG

PROTECTIVE COVER FOR DAVE® 8 SUBWOOFER

## DAVE® 8 XS G (W)

FRONT GRILLES FOR DAVE® 8 XS SATELLITES

## SPS 16

SPEAKER STANDS FOR 16 MM FLANGE, BLACK

## SATWMB10W

WALL MOUNT FOR SPEAKERS WHITE

## SATWMB10B

WALL MOUNT FOR SPEAKERS BLACK

## ADAM HALL STANDS SPS 36 S 16

ADAPTER FLANGE 36 MM TO 16 MM

# ICOA SERIES

COAXIAL LOUDSPEAKERS

**spin**  
your sound  
right round

- A genuine all-rounder for full-range, satellite and monitor applications
- 126 dB / 128 dB max. SPL and 1200 W peak power
- Vertical and horizontal use thanks to coaxial design with rotating, BEM-optimised CD horn (Patent pending)
- Horn-loaded woofer
- DynX DSP with 4 presets, 3-band EQ and delay function
- 2 line/mic input channels with individual gain controllers plus mono mix output; Bluetooth® streaming with the BT model
- 36 mm dual tilt stand attachment with 0° and 5° tilt angle, 55° monitor angle with sturdy stand
- 6 x M10 flying points
- Shock-resistant front grille for optimal protection of the speaker
- 4 aluminium grips with ergonomic, rubber surface
- Extensive, optionally available accessories for installation and transport



**SWISS ARMY KNIFE**

The outstanding bass reproduction from the horn-loaded woofer makes the ICOA® series the ideal choice for musicians, bands, entertainers and dance schools. It also allows DJs to play sets without the need for a subwoofer.

**COAXIAL ROTATABLE HORN DESIGN**

Our coaxial design with rotating, BEM-optimized CD horn make these loudspeakers exceptionally versatile. When used vertically, the loudspeakers impress as genuine full-range satellites; horizontally, they're excellent in suspended systems or as floor monitors.

**READY FOR TAKE-OFF**

Thanks to the 4 aluminium handles with an ergonomic rubber surface, lifting up and transporting the ICOA® series loudspeakers is super convenient. Their smart placement and total integration into the design provides optimal grip in all situations when handling the speaker.

**AMAZING SOUND.  
RELIABLE PERFORMANCE.**

The DynX® DSP technology from LD Systems provides a top-class performance every time and the highest level of freedom from distortion. It includes a multiband limiter which protects against overloading, an EQ, a compressor and a 3-way crossover with run time correction.

**FIND THE RIGHT ANGLE**

With our unique 36 mm dual-tilt stand attachment with 0° and 5° tilt angles, and the 55° floor monitor angle, you will always be able to setup the ICOA series to perfectly match your requirements.



**PROTECTIVE COVERS  
AVAILABLE!**

**WELCOMES AUDIO SOURCES OF ALL ORIGINS**

4 presets, a 3-band EQ and a delay function facilitate optimal adjustment of the sound to the venue conditions. The 2 line/mic input channels with individual gain controllers, plus mono mix output, allow a variety of signal sources to be connected. The BT version offers Bluetooth® streaming and the wireless connection of playback devices - ideal for playing content from a phone or tablet.



# ICOA SERIES

COAXIAL LOUDSPEAKERS



**ICOA® 12 A (BT)**  
12" POWERED COAXIAL LOUDSPEAKER



**ICOA® 12 (W)**  
12" PASSIVE COAXIAL LOUDSPEAKER



**ICOA® 12 A (BT)**  
12" POWERED COAXIAL LOUDSPEAKER



**ICOA® 15 A (BT)**  
15" POWERED COAXIAL LOUDSPEAKER



**ICOA® 15 (W)**  
15" PASSIVE COAXIAL LOUDSPEAKER



**ICOA® 15 A (BT)**  
15" POWERED COAXIAL LOUDSPEAKER

## SPECIFICATIONS 12" VERSIONS:

Art. No.:	LDICOA12A	LDICOA12ABT	LDICOA12(W)
Type:	Powered PA Loudspeaker	Powered PA PA Loudspeaker	Passive PA PA Loudspeaker
Bluetooth Audio Decoder:	-	Bluetooth 4.0	-
Low/mid driver:	12" Ferrite / Custom made	12"	12"
Horn:	BEM optimized CD Horn	BEM optimized CD Horn	BEM optimized CD Horn
HF driver:	1" Ferrite / Custom made	1" Ferrite / Custom made	1" Ferrite / Custom made
Amplifier:	Class D	Class D	-
Dispersion (H x V):	90° x 50°	90° x 50°	90° x 50°
Power (RMS/Peak):	300 W / 1200 W	300 W / 1200 W	250 W / 1000 W
Frequency response:	50 - 20000 Hz	50 - 20000 Hz	50 - 20000 Hz
Crossover frequency:	2 kHz	2 kHz	2 kHz
Max. SPL (peak):	126 dB	126 dB	123 dB
Protection circuits:	Multiband limiter , over voltage , over-current , thermal overload	Multiband limiter , over voltage , over-current , thermal overload	-
Controls:	2 x gain , On / off switch , Rotary/push encoder	2 x gain , On / off switch , Rotary/push encoder	-
Indicators:	LC display	LC display	-
Inputs:	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	1 x Speakon compatible
Outputs:	1 x XLR	1 x XLR	1 x Speakon compatible
Operating voltage:	100 V - 240 V AC / 50 - 60 Hz	100 V - 240 V AC / 50 - 60 Hz	-
Cabinet material:	Polypropylene	Polypropylene	Polypropylene
Cabinet construction:	Bass Reflex	Bass Reflex	Bass Reflex
Mounting:	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points
Monitor angle:	55°	55°	55°
Dimensions (W x H x D):	375 x 635 x 396 mm	375 x 635 x 396 mm	375 x 635 x 396 mm
Weight:	19.95 kg	19.95 kg	19.8 kg
Accessories (included):	Power cord	Power cord	-

## SPECIFICATIONS 15" VERSIONS:

Art. No.:	LDICOA15A	LDICOA15ABT	LDICOA15(W)
Type:	Powered PA Loudspeaker	Powered PA Loudspeaker	Passive PA Loudspeaker
Bluetooth Audio Decoder:	-	Bluetooth 4.0	-
Low/mid driver:	15" Ferrite / Custom made	15"	15"
Horn:	BEM optimized CD Horn	BEM optimized CD Horn	BEM optimized CD Horn
HF driver:	1" Ferrite / Custom made	1" Ferrite / Custom made	1" Ferrite / Custom made
Amplifier:	Class D	Class D	-
Dispersion (H x V):	90° x 50°	90° x 50°	90° x 50°
Power (RMS/Peak):	300 W / 1200 W	300 W / 1200 W	250 W / 1000 W
Frequency response:	48 - 20000 Hz	48 - 20000 Hz	48 - 20000 Hz
Crossover frequency:	2 kHz	2 kHz	2 kHz
Max. SPL (peak):	128 dB	128 dB	125 dB
Protection circuits:	Multiband limiter , over voltage , over-current , thermal overload	Multiband limiter , over voltage , over-current , thermal overload	-
Controls:	2 x gain , On / off switch , Rotary/push encoder	2 x gain , On / off switch , Rotary/push encoder	-
Indicators:	LC display	LC display	-
Inputs:	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	1 x Speakon compatible
Outputs:	1 x XLR	1 x XLR	1 x Speakon compatible
Operating voltage:	100 V - 240 V AC / 50 - 60 Hz	100 V - 240 V AC / 50 - 60 Hz	-
Cabinet material:	Polypropylene	Polypropylene	Polypropylene
Cabinet construction:	Bass Reflex	Bass Reflex	Bass Reflex
Mounting:	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points
Monitor angle:	55°	55°	55°
Dimensions (W x H x D):	416 x 695 x 415 mm	416 x 695 x 415 mm	416 x 695 x 415 mm
Weight:	24.3 kg	24.3 kg	24.7 kg
Accessories (included):	Power cord	Power cord	-

# DDQ SERIES

TOURING CLASS POWERED LOUDSPEAKERS & POWERED CARDIOID SUBWOOFERS

## Quality **1 milisecond** ahead...

Setting a new standard for live sound reinforcement and fixed installations, the LD Systems® DDQ Series self-powered touring class loudspeakers are entirely made in Germany with minute attention to detail.

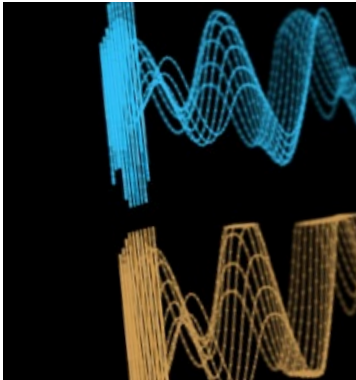
Comprising 10", 12" and 15" fullrange models plus single 18" and dual 12" subwoofers, the DDQ Series loudspeakers utilize top components throughout. The proprietary digital processing has been carefully programmed for impeccable performance with a look ahead limiter providing distortion-free audio even at maximum levels.

With superior transient response, tightly controlled directivity and a comprehensive set of protections the DDQ Series is the first choice for the most demanding audio applications.

- Premium self-powered touring class loudspeakers and subwoofers
- Advanced DSP with look ahead limiter for distortion-free performance
- Controlled coverage with outstanding symmetry
- Designed and made in Germany



DDQ full-range powered loudspeakers have been designed with the objective of making ground-breaking technology accessible for everyone. Our engineers carefully selected and matched premium components for maximum performance and system integration.



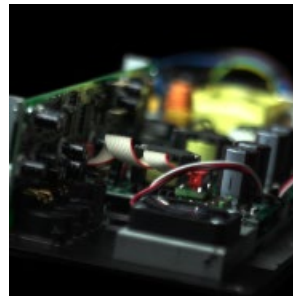
**DISTORTION FREE**  
EVEN AT THE HIGHEST VOLUME LEVELS

For consistently impeccable audio quality even at the highest volume levels, the DDQ loudspeakers' state-of-the-art DSP includes a look-ahead peak limiter with 1 millisecond latency that effectively prevents digital clipping. This is achieved by splitting the input signal during the analog-to-digital conversion and delaying one side by 1 millisecond. The other side is now ahead in time and used for peak analysis and limiter response control. Actual limiting is applied to the delayed signal which is then routed to the output. The result is a very smooth and natural-sounding gain adjustment that reduces wave amplitude without truncating the wave crest. From moderate to maximum volume levels, the look-ahead limiter maintains signal integrity enabling the DDQ series powered loudspeakers to deliver crystal-clear distortion-free output.



**TOURING CLASS POWERED PA SPEAKERS WITH DIGITAL SIGNAL PROCESSING (DSP)**

The heart of the DDQ series is a state-of-the-art custom 24bit/48kHz Sharc DSP with high-accuracy A/D and D/A conversion and a 127/113dB dynamic range.



**2-WAY BI-AMPLIFIED WITH SHARC DSP (24BIT/48KHZ)**

The speakers are bi-amplified by two Hypex Class D power stage modules providing flat Frequency range irrespective of load impedance.



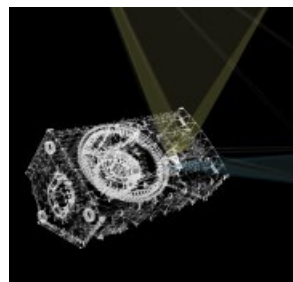
**FAITAL PRO NEODYMIUM WOOFER**

Featuring a cast aluminum frame and neodymium magnet slug a Faisal Pro woofer delivers tightly focused low end punch with excellent transient response.



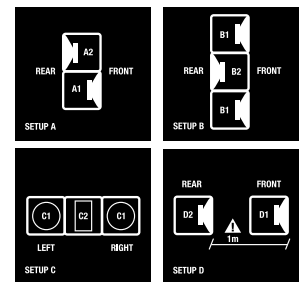
**BMS COMPRESSION DRIVER**

BMS compression drivers were chosen for their very high sensitivity and extended dynamic range resulting in accurate audio imaging with maximum depth and detail up to 20kHz.



**ROTATABLE ASYMMETRICAL HF HORN FLARE**

Providing a controlled pattern and consistent coverage the asymmetrical LD Systems horn is rotatable for optimum directivity in vertical and horizontal applications.



**CARDIOID SUBWOOFER SETUPS**

- Reduces sound pressure level on the rear up to 20 dB
- Keeps stage silent
- Reduces unwanted reflections from ear walls
- Improves sound quality in the audience
- Easy and quick setup
- No external signal processors needed
- 4 possible cardioid array setups for stacks or arrays of 2 or 3 subwoofers



# DDQ SERIES

TOURING CLASS POWERED LOUDSPEAKERS & POWERED SUBWOOFERS



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**DDQ 10**  
10" POWERED PA SPEAKER  
WITH DSP



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**DDQ 12**  
12" POWERED PA SPEAKER  
WITH DSP



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**DDQ 15**  
15" POWERED PA SPEAKER  
WITH DSP



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**DDQ SUB 212**  
2 X 12" POWERED PA SUBWOOFER WITH DSP



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**DDQ SUB 18**  
18" POWERED PA SUBWOOFER WITH DSP



## SPECIFICATIONS SPEAKERS:

Art. No.:	LDDDDQ10	LDDDDQ12	LDDDDQ15
Type:	Powered PA Speaker with DSP	Powered PA Speaker with DSP	Powered PA Speaker with DSP
Frequency range:	59 Hz - 20 kHz	54 Hz - 20 kHz	38 Hz - 20 kHz
Power output (RMS):	800 W	800 W	1400 W
Max. SPL (peak):	132 dB	134 dB	136 dB
Amplification:	Class D	Class D	Class D
LF transducer:	10" FAITAL PRO neodymium woofer	12" FAITAL PRO neodymium woofer	15" FAITAL PRO neodymium woofer
HF transducer:	1" BMS compression driver	1" BMS compression driver	1.4" BMS compression driver
Dispersion:	80° x 60°	80° x 50°	80° x 50°
Crossover frequency:	1.5 kHz	1.5 kHz	1.3 kHz
Connectors:	Input: XLR / output: XLR / Sub out: XLR	Input: XLR / output: XLR / Sub out: XLR	Line input: XLR Line output: input link XLR, sub out: XLR
Protection:	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage
Paint / Cabinet material:	Polyurea / 15 mm birch plywood	Polyurea / 15 mm birch plywood	Polyurea / 15/18 mm birch plywood
Dimensions (W x H x D):	300 x 520 x 350 mm	360 x 600 x 378 mm	420 x 763 x 488 mm
Weight:	15.5 kg	17 kg	31.5 kg
Features:	LD SYSTEMS evolutive handles, stand support adjustable vertically (SM707), switchable ground lift, sub out, switchable low cut	LD SYSTEMS evolutive handles, stand support adjustable vertically (SM707), switchable ground lift, sub out, switchable low cut	LD SYSTEMS evolutive handles, 36mm flange, 13 x M10 flying points, monitor angle (50°), switchable ground lift, switchable sub out / switchable low cut

## SPECIFICATIONS SUBWOOFERS:

Art. No.:	LDDQSUB212	LDDQSUB18
Type:	2 x 12" powered PA Subwoofer with DSP	18" powered PA Subwoofer with DSP
Frequency range:	38 - 120 Hz	30 - 120 Hz
Power output (RMS):	1400 W	1400 W
Max. SPL (peak):	132 dB	134 dB
Amplification:	Class D	Class D
Transducer:	2 x 12" neodymium woofer	18" FAITAL PRO neodymium woofer
Connectors:	Input: 2 x XLR / input link : 2 x XLR / Sat out: XLR with 100 Hz high pass	Input: 2 x XLR / input link : 2 x XLR / Sat out: XLR with 100Hz high-pass
Protection:	RMS power supply limiter, DSP-based "look ahead" limiter, RMS high-pass speaker limiter, over-current, short circuit	RMS speaker limiter, DSP-based "look ahead" limiter, RMS power supply limiter, short circuit, over-current
Paint / Cabinet material:	Polyurea / 18 mm birch plywood	Polyurea / 18mm birch plywood
Dimensions (W x H x D):	420 x 620 x 543 mm	510 x 700 x 725 mm
Weight:	34.5 kg	44.5 kg
Features:	3 x corner handles, 15 x DSP presets with 4 selectable cardioid setups and 7 selectable crossover frequencies (80-120Hz), 2 x threaded flange (M20), prepared for mounting of casters, power out	3 x corner handles, prepared for mounting of casters, 15 x DSP presets with 4 selectable cardioid setups and 7 selectable crossover frequencies (80-120Hz), 2 x threaded flange (M20), prepared for mounting casters, power out

## AVAILABLE ACCESSORIES

<b>DDQ 10 B</b>	PROTECTIVE COVER FOR DDQ 10
<b>DDQ 10 SB</b>	SWING BRACKET FOR DDQ 10
<b>DDQ 10 WB</b>	WALL BRACKET FOR DDQ 10
<b>DDQ 12 B</b>	PROTECTIVE COVER FOR DDQ 12
<b>DDQ 12 SB</b>	SWING BRACKET FOR DDQ 12
<b>DDQ 12 WB</b>	WALL BRACKET FOR DDQ 12
<b>DDQ 15 B</b>	PROTECTIVE COVER FOR DDQ 15
<b>DDQ 15 SB</b>	SWING BRACKET FOR DDQ 15
<b>DDQ SUB 212 B</b>	PROTECTIVE COVER FOR DDQ SUB 212
<b>DDQ SUB 18 B</b>	PROTECTIVE COVER FOR DDQ SUB 18
<b>DDQ DAVE GT 18 CB</b>	CASTOR BOARD FOR DDQ SUB 18
<b>DDQ 212 CB</b>	CASTOR BOARD FOR DDQ SUB 212



**EASE-GLL**  
available online

# STINGER® G3 SERIES

POWERED / PASSIVE FULLRANGE SPEAKERS, SUBWOOFERS & MONITORS

## workhorse.

High-performance workhorse loudspeakers for outstanding sound reinforcement - that was our goal creating the Stinger® G3 Series. We've combined optimized components and smart details in powered and passive models to ensure exceptional reliability and ease of use. Stinger® multi-purpose systems and subwoofers are your go-to choice for affordable pro audio quality. It's time you saddled up!

- Multi-purpose bass reflex PA speakers for fullrange, satellite and monitor applications
- High power bass reflex PA subwoofers with cardioid array presets
- Up to 800 W RMS power and 135 db Max SPL
- High-efficiency digital power stage with SMPS power supply
- Application presets for quick Frequency range contouring
- LD Systems DynX® DSP technology for distortion-free performance
- BEM optimized HF waveguide for uniform coverage
- PowerCON compatible connectors
- Shock-resistant front grill provides maximum speaker protection
- 36 mm Dual-Tilt pole receptacle for 0° or 5° mounting angles
- Birch ply cabinet with ultra rugged polyurea finish and M10 suspension points
- Large selection of smart installation and transport accessories



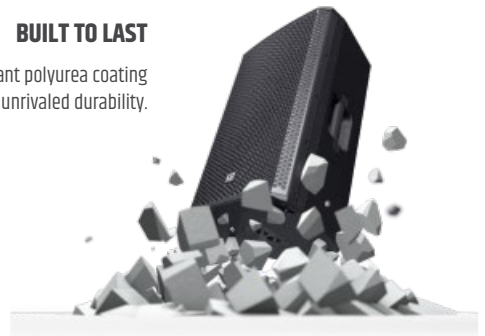


**RE-DEFINING MULTITALENT**

Application presets enable instant Frequency range contouring.

**BUILT TO LAST**

Ultra tough impact resistant polyurea coating provides unrivaled durability.



**TAKE AIM**

LD Systems' Dual-Tilt pole mount allows 0° and 5° orientation angles.



**ENGINEERED FOR PERFECTION**

Designed with BEM modeling of sound radiation and propagation, the HF waveguide reduces floor and ceiling reflections, effectively eliminates side lobes and achieves a controlled uniform coverage pattern.



**INPUT VARIETY**

Dual line and mic level inputs add application versatility to powered Stinger G3 models.

**MADE FOR PROFESSIONALS**

All models come equipped with Powercon compatible connectors.

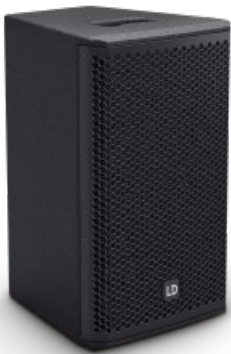


**DYNX® DSP-TECHNOLOGY**

Including multiband limiter and crossover functions, LD Systems' DynX DSP technology ensures perfect time alignment and distortion-free performance even at maximum levels.

# STINGER® G3 SERIES

POWERED / PASSIVE FULLRANGE SPEAKERS, SUBWOOFERS & MONITORS



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## STINGER® 8 (A) G3

8" PASSIVE / POWERED 2-WAY BASS-REFLEX PA SPEAKER



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## STINGER® 28 (A) G3

2 X 8" PASSIVE / POWERED 2-WAY BASS-REFLEX PA SPEAKER



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## STINGER® 10 (A) G3

10" PASSIVE / POWERED 2-WAY BASS-REFLEX PA SPEAKER



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## STINGER® 12 (A) G3

12" PASSIVE / POWERED 2-WAY BASS-REFLEX PA SPEAKER



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## STINGER® 15 (A) G3

15" PASSIVE / POWERED 2-WAY BASS-REFLEX PA SPEAKER



**INSTANT CARDIOID SUB ARRAY CONFIGURATION**

Easily configure cardioid arrays with the subwoofers' built-in presets for consistent bass coverage and less onstage sub energy.



**MADE FOR PROFESSIONALS**

The STINGER® G3 subwoofers have been designed for touring and rental professionals. They are equipped with PowerCON compatible connectors and feature a ultra tough impact resistant polyurea coating for unrivaled durability.



**SYSTEM INTEGRATION MADE EASY**

**Powered:** Quickly integrate powered STINGER G3 Subs into your system with convenient 80, 100 and 120 Hz low-pass presets.

**PASSIVE:** The passive STINGER Subwoofer's CH 2 satellite output provides a signal and power feed to passive full-range speakers.



**2 X INTEGRATED KEEPER PLATES FOR CASTOR BOARD ATTACHMENT**



**4 X HEAVY-DUTY HANDLES**



**2 X M20 SPEAKER POLE INSERTS**



**STINGER® SUB 15 (A) G3**  
15" PASSIVE / POWERED BASS-REFLEX PA SUBWOOFER

**STINGER® SUB 18 (A) G3**  
18" PASSIVE / POWERED BASS-REFLEX PA SUBWOOFER



# STINGER® G3 SERIES

## ACCESSORIES



**STINGER® 8 G3 WMB**  
SWIVEL WALL & CEILING MOUNT  
FOR STINGER® G3 8" MODELS



**STINGER® 8 (A) G3 WMB1**  
TILT & SWIVEL WALL MOUNT  
FOR STINGER® 8 G3



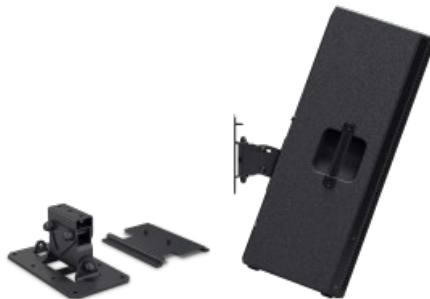
**STINGER® 10 G3 WMB**  
SWIVEL WALL & CEILING MOUNT  
FOR STINGER® G3 10"



**STINGER® 10 G3 WMB 1**  
TILT & SWIVEL WALL MOUNT  
FOR STINGER® G3 10" MODELS



**STINGER® 28 G3 WMB**  
SWIVEL WALL & CEILING MOUNT  
FOR STINGER® 28 G3 MODELS



**STINGER 28 A G3 WMB 1 /  
GRAVITY SP WMBs 30 B**  
TILT / SWIVEL WALL MOUNT  
FOR LDEB282AG3



**STINGER® G3 SCP**  
SUPER CLAMP TRUSS MOUNT  
FOR LOUDSPEAKER



**STINGER® G3 WMB**  
SWIVEL WALL & CEILING MOUNT  
FOR STINGER® G3 12" AND 15" MODELS



**STINGER® G3 WMB 1**  
TILT & SWIVEL WALL MOUNT  
FOR STINGER® G3 12" AND 15" MODELS



**STINGER® G3 TMB**  
EASYMOUNT® BRACKET  
FOR STINGER® 12" AND 15"



**STINGER® 8 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 PA SPEAKER 8"



**STINGER® 28 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 PA SPEAKER 2 X 8"



**STINGER® 10 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 PA SPEAKER 10"



**STINGER® 12 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 PA SPEAKER 12"



**STINGER® 15 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 PA SPEAKER 15"



**STINGER® SUB 15 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 SUBWOOFER 15"



**STINGER® SUB 18 G3 PC**  
PADDED SLIP COVER  
FOR STINGER® G3 SUBWOOFER 18"



**STINGER® SUB 15 G3 CB**  
DOLLY BOARD  
FOR STINGER G3 SUBWOOFER 15" MODELS



**STINGER® SUB 18 G3 CB**  
DOLLY BOARD  
FOR STINGER G3 SUBWOOFER 18" MODELS

# STINGER<sup>®</sup> MON G2

POWERED STAGE MONITORS



## HEARING AID FOR MUSICIANS

The Stinger<sup>®</sup> Mon G2 speakers consists of 3 especially compact powered coaxial monitors with broad Frequency range, high feedback resistance and a maximum sound-level pressure of 121 db for versatile use on stage.

## ALSO POWERED ON STAGE

The signal is connected and looped through using an XLR/jack combo socket and the XLR output. The rear connector panel is rounded out by a volume control, led indicators, and the IEC power socket.

## TOUGHER THAN TOUGH

The elegant looking bass-reflex enclosure is made of 15 mm-thick multiplex finished with a durable coating. A sturdy metal grille guards against speaker damage, and ergonomically milled handles make transport very convenient. The monitor angle is 35°.



**STINGER<sup>®</sup> MON 81 A G2**  
8" POWERED STAGE MONITOR

**STINGER<sup>®</sup> MON 101 A G2**  
10" POWERED STAGE MONITOR

**STINGER<sup>®</sup> MON 121 A G2**  
12" POWERED STAGE MONITOR

## SPECIFICATIONS PA SPEAKERS:

Model name:	LDEB82G3	LDEB282G3	LDEB102G3	LDEB122G3	LDEB152G3	LDEB82AG3	LDEB282AG3	LDEB102AG3	LDEB122AG3	LDEB152AG3
Product type:	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker	PA loudspeaker
Type:	passive	passive	passive	passive	passive	powered	powered	powered	powered	powered
Low/mid driver dimensions:	8"	2 x 8"	10"	12"	15"	8"	2 x 8"	10"	12"	15"
HF driver dimensions:	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
HF driver brand:	BMS	BMS	BMS	BMS	BMS	BMS	BMS	BMS	BMS	BMS
Dispersion (H x V):	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°	90° x 50°
Load rating (RMS):	250 W	400 W	300 W	400 W	500 W	300 W	500 W	300 W	500 W	500 W
Peak power:	500W	800W	600 W	800 W	1000W	600 W	1000 W	600 W	1000 W	1000 W
Frequency response:	70 - 20 kHz	58 - 20 kHz	65 - 20 kHz	58 - 20 kHz	50 - 20 kHz	70 - 20 kHz	58 - 20 kHz	65 - 20 kHz	58 - 20 kHz	50 - 20 kHz
SPL (W/1m):	95 dB	99 dB	96 dB	99 dB	100 dB	-	-	-	-	-
Max. SPL (peak):	119 dB	125 dB	121 dB	125 dB	127 dB	125 dB	131 dB	127 dB	131 dB	133 dB
Impedance:	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm	-	-	-	-	-
Loudspeaker inputs:	1	1	1	1	1	-	-	-	-	-
Inputs:	Speakon compatible	Speakon compatible	Speakon compatible	Speakon compatible	Speakon compatible	2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR	2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR	2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR	2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR	2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR
Cabinet material:	12 mm Plywood	12 mm Plywood	12 mm Plywood	15 mm Plywood	15 mm Plywood	12 mm Plywood	12 mm Plywood	12 mm Plywood	15 mm Plywood	15 mm Plywood
Cabinet surface:	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea
Width:	270 mm	270 mm	325 mm	390 mm	480 mm	270 mm	270 mm	325 mm	390 mm	480 mm
Height:	457 mm	756 mm	527 mm	627 mm	737 mm	457 mm	756 mm	527 mm	627 mm	737 mm
Depth:	290 mm	290 mm	318 mm	377 mm	455 mm	290 mm	290 mm	318 mm	377 mm	455 mm
Weight:	9.9 kg	19.3 kg	11.5 kg	19.4 kg	25.7 kg	10.5 kg	20.5 kg	12.7 kg	20.1 kg	26.8 kg

## SPECIFICATIONS SUBWOOFERS:

Art. No.:	LDESUB15G3	LDESUB18G3	LDESUB15AG3	LDESUB18AG3
Product type:	PA subwoofer	PA subwoofer	PA subwoofer	PA subwoofer
Type:	passive	passive	powered	powered
Low/mid driver dimensions:	15"	18"	15"	18"
Load rating (RMS):	600 W	800 W	450 W	800 W
Peak power:	1200 W	1600 W	900 W	1600W
Frequency range:	40 Hz - Crossover Hz	35 Hz - Crossover Hz	40 Hz - Low-Pass Hz	35 Hz - Low-Pass Hz
Max. SPL (peak):	127 dB	129 dB	133 dB	135 dB
Controls:	-	-	Main Level, Mode	Main Level, Mode
Line inputs:	1	1	2	2
Line input connectors:	Speakon compatible	Speakon compatible	6.3 mm Jack, XLR	6.3 mm Jack, XLR
Cabinet material:	18 mm Plywood	18 mm Plywood	18 mm Plywood	18 mm Plywood
Cabinet surface:	Polyurea	Polyurea	Polyurea	Polyurea
Width:	576 mm	677 mm	576 mm	677 mm
Height:	477 mm	547 mm	477 mm	547 mm
Depth:	624 mm	740 mm	624 mm	740 mm
Weight:	29.7 kg	40.6 kg	31.9 kg	42.6 kg

## SPECIFICATIONS STAGE MONITORS:

Art. No.:	LDMON81AG2	LDMON101AG2	LDMON121AG2
Type:	Powered stage monitor	Powered stage monitor	Powered stage monitor
Frequency range:	90 Hz - 20 kHz	90 Hz - 20 kHz	80 Hz - 20 kHz
Power output (RMS / peak):	80 W / 320 W	150 W / 600 W	250 W / 1,000 W
Max. SPL (peak):	116 dB	121 dB	124 dB
LF / HF transducer:	8" / 1" coaxial	10" / 1" coaxial	12" / 1" coaxial
Dispersion:	75° x 75°	75° x 75°	75° x 75°
Connectors:	Input: XLR/ 6.3mm jack (combo), output: XLR	Input: XLR/ 6.3mm jack (combo), output: XLR	Input: XLR/ 6.3mm jack (combo), output: XLR
Dimensions (W x H x D):	320 mm x 250 mm x 361 mm	380 mm x 335 mm x 466 mm	440 mm x 360 mm x 514 mm
Weight:	10.6 kg	15.3 kg	17.8 kg

# MIX G3 SERIES

POWERED / PASSIVE 2-WAY LOUDSPEAKERS WITH INTEGRATED MIXER

## in the mix

Comprising powered loudspeakers and matching passive models, the LD Systems MIX G3 Series is the convenient solution for small PA and monitoring applications. The compact fullrange cabinets are available with a complement of 6.5" or 10" woofers and 1" Celestion HF transducers. Powered models integrate a mixer with DSP effects section and a Class D amplifier that also powers the passive MIX Series slave loudspeakers. Padded slip covers are available as accessories to protect the lightweight units during transport and storage.

- Powered/ Passive 2-Way loudspeakers
- Class D amplification (powered versions)
- Integrated mixer (powered versions)
- DSP with 16 FX Presets (powered versions)
- Bluetooth® audio streaming (MIX 10 A G 3)
- Tight and punchy bass reflex design
- 2 pole mount inserts for vertical and horizontal orientation (MIX 6 (A) G3)





**YOUR NEW BEST FRIEND**

With a built-in mixer, the compact, lightweight MIX powered loudspeakers are the perfect choice for small-scale PA and personal monitoring applications, delivering amazing sound with clarity and punch.



**ULTRA PORTABLE. ULTRA VERSATILE**

Dual bottom and side stand mount inserts permit both vertical and horizontal setup, the latter putting the mixer controls right at your fingertips. On its own or in tandem with the passive unit, the MIX speakers provide awesome performance and versatility in an easily portable package.



**ENOUGH POWER FOR 2**

The MIX series powered versions incorporate a Class D amplifier to power its optional passive companion.



**ALL-IN-ONE SOLUTION**

The integrated mixer provides stereo line and microphone channels with high and low EQ, switchable hi-Z input and phantom power plus 24-bit digital effects. It allows for connecting a wide variety of sources including MP3 and CD players, iPods, instruments and condenser mics. The output section includes a 3-band master EQ for overall tone shaping and feedback control, 4-segment LED metering, recording outputs and an adjustable monitor out.

# MIX G3 SERIES

POWERED / PASSIVE 2-WAY LOUDSPEAKERS WITH INTEGRATED MIXER



## MIX 6 A G3

POWERED 2-WAY LOUDSPEAKER  
WITH INTEGRATED 4-CHANNEL MIXER



## MIX 6 G3

PASSIVE 2-WAY SLAVE LOUDSPEAKER  
TO LD SYSTEMS MIX 6 A G3



## MIX 10 A G3

POWERED 2-WAY LOUDSPEAKER  
WITH INTEGRATED 7-CHANNEL MIXER



## MIX 10 G3

PASSIVE 2-WAY SLAVE LOUDSPEAKER  
TO LD SYSTEMS MIX 6 A G3

## SPECIFICATIONS:

Art. No.:	LDMIX62AG3	LDMIX62G3	LDMIX102AG3	LDMIX102G3
Type:	Powered 2-Way Loudspeaker with Integrated 4-Channel Mixer	Passive 2-Way Slave Loudspeaker to LD Systems MIX 6 A G3	Powered 2-Way Loudspeaker with Integrated 7-Channel Mixer	Passive 2-Way Slave Loudspeaker to LD Systems MIX 6 A G3
LF transducer:	6.5" / 165.1 mm	6.5" / 165.1 mm	10" / 254 mm	10" / 254 mm
HF transducer:	1" / 25.4mm	1" / 25.4mm	1" / 25.4mm	1" / 25.4mm
Dispersion (H x V):	80 x 70°	80 x 70°	80 x 70°	80 x 70°
Frequency range:	80 Hz - 20 kHz	80 Hz - 20 kHz	65 Hz - 20 kHz	65 Hz - 20 kHz
Power output (RMS / peak):	2 x 70 W / 2 x 280 W	70 W / 280 W	2 x 200 W / 2 x 400 W	200 W / 400 W
Amplification:	Class D	-	Class D	-
Max. SPL:	122 dB	117 dB	124 dB	121 dB
Impedance:	-	4 Ohm	-	4 Ohm
Mixer Channels:	4	-	7	-
Mic inputs:	3, 6.3 mm jack, XLR	-	3, 6.3 mm jack, XLR	-
Controls for Mic Inputs:	DFX Send, EQ Low, level, Hi-Z Switch (channel 1 only), EQ Hi	-	DFX Send, level, EQ Hi, Hi-Z Switch (channel 1 only), EQ Low, +10 dB switch	-
Input Impedance Mic Inputs:	14 kOhm	-	14 kOhm	-
Input Sensitivity Mic Input:	70 mV	-	70 mV	-
Line inputs:	1, 2 x RCA	-	2, 2 x XLR, 3.5mm TRS	-
Controls Line Inputs:	EQ Hi, DFX Send, EQ Low, level	-	EQ Low, level, EQ Hi, DFX Send	-
Input Impedance Line Inputs:	4.4 kOhm	-	4.4 kOhm	-
Input Sensitivity Line Inputs:	-5dBu	-	-5dBu	-
Hi-Z inputs:	1 x 6.3 mm jack	-	1 x 6.3 mm jack	-
Input Impedance Hi-Z Input Connectors:	1000 kOhm	-	1000 kOhm	-
Monitor Line Outputs:	1, 2 x RCA	-	2, XLR	-
Controls for Monitor Line Output:	Monitor Volume	-	Sub level, Monitor Volume	-
Max Output Level Line Output Monitor:	28 dBu	-	17 dBu	-
Record Outputs:	1, 2 x RCA	-	1, 2 x RCA	-
Increased power main output (at 4 ohm):	70 W	-	200 W	-
DSP Digital Effects Unit:	16 presets, DFX return, mute switch	-	16 presets, DFX return, mute switch, foot switch	-
Main section controls:	Phantom Power, voltage selector switch, EQ Mid, EQ Hi, EQ Low, Master Volume	-	Phantom Power, Balance, EQ Hi, Master Volume, EQ Mid, EQ Low, switch operating voltage, mono/stereo, Power On/Off	-
Main section indicators:	4-segment Level Meter, power LED	-	4-segment Level Meter, power LED	-
Phantom power:	15 V	-	48 V	-
Mains connector:	IEC socket	-	IEC socket	-
Operating voltage:	transformer, 100 - 120 V ~ 50/60 Hz or 220 - 240 V ~ 50/60 Hz, switchable	-	SMPS, 100 - 120 V ~ 50/60 Hz or 220 - 240 V ~ 50/60 Hz, automatic switching	-
Power consumption:	180 W	-	500 W	-
Protection:	overload, thermal overload, over-current, short circuit, ICL (Intelligent Clip Limiting)	thermal overload, overload, over-current, ICL (Intelligent Clip Limiting), short circuit	thermal overload, overload, over-current, ICL (Intelligent Clip Limiting), short circuit	thermal overload, overload, over-current, ICL (Intelligent Clip Limiting), short circuit
Connectors:	3 x XLR/jack 6.3 Combo Channel 1-3 inputs, jack 3.5mm and RCA stereo inputs (channel 4 Mono Sum), REC OUT 2x RCA, Monitor out 6.3mm jack unbal, External loudspeaker (MAIN POWER OUT) 6.3mm jack	input: 1x 6.3 mm jack, output: 1x 6.3 mm jack	3 x XLR/jack 6.3 Combo Channel 1-3 inputs, 2 x XLR/TRS Line Input Channel 4-5, 1 x XLR Monitor Out, 1 x XLR Sub Out, 1 x 6.3mm Footswitch, 1 x Speakon Out (External loudspeaker), 1 x Stereo Line Input 3.5mm Jack	1x Speakon compatible
Cabinet construction:	vented	vented	vented	vented
Cabinet material / surface:	MDF, black texture paint	MDF, black texture paint	MDF, black texture paint	MDF, black texture paint
Dimensions (W x H x D):	214 x 323 x 221 mm	214 x 323 x 221 mm	315 x 489 x 307 mm	315 x 489 x 307 mm
Weight:	7 kg	4.4 kg	12.3 kg	10.8 kg
Features:	rubber feet, 2 x 16 mm pole mount socket	rubber feet, 2 x 16 mm pole mount socket	Ergonomic handle, Bluetooth, dual-tilt flange (0°/5°)	Ergonomic handle, dual-tilt flange (0°/5°)

## AVAILABLE ACCESSORIES

<b>LDMIX6G2B</b>	PROTECTIVE COVER FOR LDMIX6(A)G2 & LDMIX62(A)G3	<b>LDMIX102G3PC</b>	PADDED PROTECTION COVER FOR MIX 10 A G3 PA- SPEAKER 10"
<b>LDMIX6G2B2</b>	PROTECTIVE COVER FOR 2 X LDMIX6(A)G2 & LDMIX62(A)G3	<b>SPS36S16</b>	ADAPTER FLANGE 36 MM TO 16 MM
<b>LDMIX6G2SET1</b>	SET OF 2 X REDUCER FLANGE 36 MM TO 16 MM	<b>SPS 16</b>	SPEAKER STAND FOR 16 MM FLANGE
<b>LDMIX6G2SET2</b>	2 X SPEAKER STAND WITH TRANSPORT BAG AND SPEAKER CABLE 10 M FOR STINGER MIX 6 (A) G3		

# ROAD SERIES

PORTABLE BATTERY POWERED PA SPEAKERS

# let the world be your stage!

Designed for maximum portability and versatility the battery powered ROAD Series loudspeakers shine in a wide range of mobile applications.

With advanced features such as MP3 or Bluetooth players with USB port, SD card slot and infrared remote control, integrated UHF wireless and comprehensive connectivity the compact ROAD loudspeakers provide a perfect all-in-one solution. For easy coverage extension the series includes a selection of battery powered and passive slave loudspeakers.

- Battery powered all-in-one loudspeakers
- Models with built-in Bluetooth players and UHF wireless
- Slave loudspeakers for extended coverage
- Maximum mobility with mains independent operation



# ROADJACK

BATTERY POWERED BLUETOOTH® SPEAKER WITH MIXER

### ALL-IN-ONE SPEAKER

The integrated mixer sports three channels with individual volume controls, a 2-band EQ plus adjustable echo and master volume.

### ULTRA MOBILE

A rechargeable battery pack provides up to 20 hours of continuous operation.



### CONNECT ALMOST ANY AUDIO SOURCE

One major feature is a built-in Bluetooth player which permits wireless streaming to the system. It also supports SD card and USB storage devices. The player menu includes multiple genre specific presets for instant EQ adjustment.



### READY TO GO

The Road Jack Series powered 2-way system takes your sounds anywhere. With built-in wheels and extension handles for carting convenience.

### EASY OPERATION

The Road Jack speakers come with a handy IR remote control and convenient stand mount insert.



**ROADJACK 8**  
8" BATTERY POWERED BLUETOOTH LOUDSPEAKER WITH MIXER

**ROADJACK 10**  
10" BATTERY POWERED BLUETOOTH LOUDSPEAKER WITH MIXER



# ROADBUDDY

BATTERY POWERED BLUETOOTH® LOUDSPEAKER WITH MIXER AND WIRELESS MICROPHONE

## CONNECT ALMOST ANY AUDIO SOURCE

The integrated mixer sports three channels with individual volume controls, a 2-band EQ plus adjustable echo and master volume. It delivers up to a stunning 480 watts of class D peak power and comes in 6" and 10" woofer versions.



## TAKE IT EASY

The Road Buddy speakers come with a handy IR remote control and convenient pole mount insert.



## LESS WIRE. MORE FREEDOM.

The Road Buddy incorporates an UHF receiver available with three different frequency bands (863 – 865 Mhz // B5: 584 – 607 MHz // B6: 655 – 679 MHz) and features a slot for an additional unit available as accessory. It comes with a choice of handheld or headset wireless microphones.



## VERSATILE MEDIA PLAYER

A major Road Buddy feature, the built-in Bluetooth® player also supports USB storage devices and SD cards and includes multiple genre specific presets for instant EQ adjustment.



## READY FOR TAKE OFF

A rechargeable battery pack provides up to 8 hours of continuous operation. With built-in wheels and extension handles for carting convenience the Road Buddy powered 2-way systems take your sound everywhere.



ALSO AVAILABLE  
WITH HEADSET MICROPHONE.

**WIRELESS MICROPHONE AVAILABLE  
WITH THREE FREQUENCY RANGES:**

Standard: 863 - 865 MHz  
B5: 584 - 607 MHz  
B6: 655 - 679 MHz

**ROADBUDDY 10 (B5,B6)**

BATTERY POWERED BLUETOOTH LOUDSPEAKER  
WITH MIXER AND WIRELESS MICROPHONE



**LDRBUD10BPH2 (B5,B6)**

BATTERY-POWERED BLUETOOTH SPEAKER  
WITH MIXER, 2 BODYPACK AND 2 HEADSETS



**LDRBUD10HHD2 (B5,B6)**

BATTERY-POWERED BLUETOOTH SPEAKER  
WITH MIXER AND 2 WIRELESS MICROPHONES



**LDRBUD10HBH2 (B5,B6)**

BATTERY-POWERED BLUETOOTH SPEAKER  
WITH MIXER AND WIRELESS MICROPHONE

# ROADBOY

## BATTERY POWERED SPEAKER WITH WIRELESS MICROPHONE

### WIRELESS MICROPHONE AVAILABLE WITH THREE FREQUENCY RANGES:

Standard: 863 - 865 MHz  
 B5: 584 - 607 MHz  
 B6: 655 - 679 MHz

### ULTRA VERSATILE

CD/MP3 Player with Gain and Tone Control, USB & SD Input, 1 x UHF PLL 16 CHN Wireless Unit with dynamic microphone (WS1616MD), optional with beltpack WS1616BP and headset-/ lavalier microphone available.



### LESS WIRE. MORE FREEDOM.

The RoadBoy incorporates an UHF receiver available with three different frequency bands (863-865 Mhz // B5: 584 - 607 MHz // B6: 655 - 679 MHz) and features a slot for an additional unit available as accessory. It comes with a choice of handheld or headset wireless microphones.

### ULTRA EASY

1 x Mic In / Aux In / Aux Out, 2 x sound control (bass/ treble), Talkover function, 100 - 240 V external switch mode power supply.

### ULTRA PORTABLE

Only 5 kg, built in 12 V / 2.9 Ah rechargeable battery, runs up to 5 hours, built in 25 W RMS amplifier, external output for passive box.



**ROADBOY 65 (B5, B6)**  
 PORTABLE PA SPEAKER WITH HANDHELD MICROPHONE



**ROADBOY 65 HS (B5, B6)**  
 PORTABLE PA SPEAKER WITH HEADSET



**ROADBOY 65 SP**  
 PASSIVE SLAVE SPEAKER

# ROADMAN

BATTERY POWERED BLUETOOTH® SPEAKER WITH WIRELESS MICROPHONE

## LESS WIRE. MORE FREEDOM.

The RoadMan incorporates an UHF receiver available with three different frequency bands (863 - 865 MHz // B5: 584 - 607 MHz // B6: 655 - 679 MHz) and features a slot for an additional unit available as accessory. It comes with a choice of handheld or headset wireless microphones.



## WIRELESS MICROPHONE AVAILABLE WITH THREE FREQUENCY RANGES:

Standard: 863 - 865 MHz  
 B5: 584 - 607 MHz  
 B6: 655 - 679 MHz

## PROFESSIONAL AUDIO CONNECTIONS & CONTROLS

XLR / Jack Combo input for two wired microphones or two Line signal sources (Line / Mic switch), Line in & out on RCA.

## VERSATILITY CHAMPION

The Roadman comes with a CD/MP3/USB/SD Player as well as a wireless microphone unit with handheld mic. A second wireless microphone unit is also available in option.



**ROADMAN 102 SL**  
 POWERED SLAVE SPEAKER



**ROADMAN 102 SP**  
 PASSIVE SLAVE SPEAKER



**ROADMAN 102 (B5,B6)**  
 PORTABLE PA SPEAKER WITH HANDHELD MICROPHONE



**ROADMAN 102 HS (B5,B6)**  
 PORTABLE PA SPEAKER WITH HEADSET MICROPHONE

# ROAD SERIES

## PORTABLE BATTERY POWERED POWERED PA SPEAKERS

### SPECIFICATIONS ROADBUDDY:

Art. No.:	LDRBUD10(HS)
Product type:	Portable PA speaker
Type:	powered
Low/mid driver dimensions:	10"
Woofers magnet:	Ferrite
Woofers brand:	Custom-made
HF driver dimensions:	1"
HF driver magnet:	Ferrite
HF driver brand:	Custom-made
Amplifier:	Class D
RMS:	120 W
Peak power:	480 W
Frequency range:	55 - 18,000 Hz
Max. SPL:	115 dB
Protection circuits:	overvoltage, short circuit, limiters, DC
Controls:	AUX / MP3 Switch, High, Low, Master Volume, Mic 2 Level, Mic 1 Level, CD / Tape IN Level, Echo
Indicators:	power, charge/battery status
Media player	
Supported media:	USB stick, Bluetooth, SD card
Supported formats:	MP3, WMA, WAV
Media player controls:	Stop, Next track, Previous track, Repeat, Mode (Menu / Bluetooth / SD / USB), Play / Pause, Equalizer
Media player display elements:	Lighted multifunctional LC display
Line inputs:	1
Line input connectors:	3.5 mm Jack, 2 x RCA, 2 x XLR, 6.3 mm Jack
Mic inputs:	2, XLR, 6.3 mm Jack
Wireless Unit	
Radio Frequency Range	Standard: 863 - 865 MHz B5: 584 - 607 MHz B6: 655 - 679 MHz
Modulation Type	analogue FM
Channels	16
Frequency range	50 - 17,000 Hz
Controllers	Power/Volume, Value Up, Value Down, ASC, MUTE-Level (squelch)
Indicators	LED display, RF (LED), AF (LED)
Connections	TNC for receiver antenna
RF Transmitter Power Output	10 mW
Operating voltage:	Switching Power Supply, 100 V - 120 V / 60 Hz, 220 V - 240 V AC / 50 Hz
Rechargeable batteries:	12 V / 5 Ah
Cabinet material:	PP black
Cabinet construction:	bass reflex
Dimensions (W x H x D):	415 mm x 525 mm x 328 mm
Weight:	16.5 kg
Other features:	IR remote control for media player, carrying handle, 36 mm tripod flange, pull-out handle, castor wheels

### AVAILABLE ACCESSORIES

**ROADBUDDY 10 PC** PROTECTIVE COVER FOR LD ROADBUDDY 10

### SPECIFICATIONS ROADJACK:

Art. No.:	LDRJ8	LDRJ10
Product type:	Portable PA Speaker	Portable PA Speaker
Type:	powered	powered
Low/mid driver dimensions:	8"	10"
Woofers magnet:	Ferrite	Ferrite
Woofers brand:	Custom-made	Custom-made
HF driver dimensions:	(broad band) 3"	(broad band) 3"
HF driver magnet:	Ferrite	Ferrite
HF driver brand:	Custom-made	Custom-made
Amplifier:	Class D	Class D
RMS:	25 W	25 W
Peak power:	100 W	100 W
Frequency range:	90 - 18,000 Hz	65 - 18,000 Hz
Max. SPL:	113 dB	117 dB
Protection circuits:	short circuit, over-current, overload protection	over-current, short circuit, overload protection
Controls:	Master Volume, Mic 2 Level, CD / Tape IN Level, high, low, Mic 1 Level, Echo, AUX / MP3 switch	CD / Tape IN Level, low, Mic 1 Level, Mic 2 Level, Master Volume, AUX / MP3 switch, Echo, high
Indicators:	Charge/battery status, Power	Power, Charge/battery status
Media player		
Supported media:	USB stick, Bluetooth, SD Card	Bluetooth, SD Card, USB stick
Supported formats:	WAV, WMA file, MP3 file	MP3 file, WMA file
Media player controls:	Play / Pause, Repeat, Next Track, Mode (Menu / Bluetooth / SD / USB), Stop, Previous Track	Play / Pause, Repeat, Next Track, Mode (Menu / Bluetooth / SD / USB), Stop, Previous Track
Media player display elements:	Lighted multifunctional LC display	Lighted multifunctional LC display
Line inputs:	1	1
Line input connectors:	2 x RCA, 3.5 mm Jack	2 x RCA, 3.5 mm Jack
Mic inputs:	2, XLR / 6.3mm Jack Combo	2, XLR / 6.3mm Jack Combo
Operating voltage:	Switching Power Supply, 100 V - 120 V / 60 Hz, 220 V - 240 V AC / 50 Hz	Switching Power Supply, 100 V - 120 V / 60 Hz, 220 V - 240 V AC / 50 Hz
Rechargeable batteries:	12 V / 5 Ah	12 V / 5 Ah
Cabinet material:	15 mm MDF	15 mm MDF
Cabinet construction:	vented	vented
Dimensions (W x H x D):	385 mm x 450 mm x 298 mm	415 mm x 525 mm x 328 mm
Weight:	13.8 kg	16.2 kg
Other features:	Extendable handle, transport handle, transport casters, IR remote for media player, stand mount 36 mm	Stand mount 36 mm, IR remote for media player, transport casters, transport handle, extendable handle

### AVAILABLE ACCESSORIES

**ROADJACK 8 PC** PROTECTIVE COVERS FOR LDRJ8  
**ROADJACK 10 PC** PROTECTIVE COVERS FOR LDRJ10



## SPECIFICATIONS ROADBOY:

Art. No.:	LDRB65(HS)
Product type:	Portable PA Speaker
Type:	powered
Low/mid driver dimensions:	6.5"
Woofer magnet:	Ferrite
Woofer brand:	Custom-made
Amplifier:	Class D
RMS:	25 W
Peak power:	100 W
Frequency range:	80 - 15,000 Hz
SPL (1W/1m):	93 dB
Max. SPL:	110 dB
Protection circuits:	short circuit
Controls:	Master, Voice priority on / off, Line Gain, Bass, Treble, Power, Mic Gain
Indicators:	Charge/battery status, Power
Media player	
Supported media:	CD-R/W, SD Card, CD-R, Audio-CD, USB stick
Supported formats:	WMA-CD, MP3-CD, MP3 file, WMA file, Audio-CD
Media player controls:	Program, Folder -, Shuffle, Power / Volume, Previous Track, Next Track, Mode (CD / SD / USB), Folder +, Repeat, mute, Play / Pause, CD ejector, Stop
Media player display elements:	Lighted multifunctional LC display
Line inputs:	2
Line input connectors:	RCA
Mic inputs:	1, 6.3 mm Jack
Line outputs:	2
Line output connectors:	RCA
Loudspeaker outputs:	1
Speaker output connections:	6.3 mm Jack
Wireless Unit	
Radio Frequency Range	Standard: 863 - 865 MHz B5: 584 - 607 MHz B6: 655 - 679 MHz
Modulation Type	analogue FM
Channels	16
Frequency range	50 - 17,000 Hz
Controllers	Power/Volume, Value Up, Value Down, ASC, MUTE-Level (squelch)
Indicators	LED display, RF (LED), AF (LED)
Connections	TNC for receiver antenna
RF Transmitter Power Output	10 mW
Operating voltage:	External 100-240 V AC switch mode power supply, 15 - 18 V DC, 3 A
Rechargeable batteries:	12 V / 2.6 AH
Cabinet material:	polypropylene
Cabinet construction:	vented
Dimensions (W x H x D):	200 mm x 300 mm x 230 mm
Weight:	6 kg
Other features:	16 mm stand mount, transport handle

## AVAILABLE ACCESSORIES

**ROADBOY 65 B** TRANSPORT BAG FOR LDRB65 AND LDRB65HS

## SPECIFICATIONS ROADMAN:

Art. No.:	LDRM102(HS)
Product type:	Portable PA Speaker
Type:	powered
Low/mid driver dimensions:	10"
Woofer magnet:	Ferrite
Woofer brand:	Custom-made
HF driver dimensions:	1"
HF driver magnet:	Ferrite
HF driver brand:	Custom-made
Amplifier:	Class D
RMS:	80 W
Peak power:	320 W
Frequency range:	70 - 16,000 Hz
SPL (1W/1m):	95 dB
Max. SPL:	115 dB
Protection circuits:	short circuit
Controls:	Power, Line Gain, Treble, Master, Audio-link slave volume, Speech / music switch (Mic / Line 1), Tape volume, Value Down, Voice priority on / off, Volume Mic 2, Volume Mic 1, Audio-link set (master / slave), Speech / music switch (Mic / Line 2), Bass
Indicators:	Power, Charge/battery status
Media player	
Supported media:	USB stick, CD-R/W, CD-R, SD Card, Audio-CD
Supported formats:	MP3-CD, Audio-CD, WMA-CD, WMA file, MP3 file
Media player controls:	mute, Mode (CD / SD / USB), Previous Track, Stop, Play / Pause, CD ejector, Power / Volume, Program, Folder +, Folder -, Next Track, Repeat, Shuffle
Media player display elements:	Lighted multifunctional LC display
Line inputs:	3
Line input connectors:	2 x RCA, Audio-link input XLR, female
Mic inputs:	2, XLR, 6.3 mm Jack
Line outputs:	3
Line output connectors:	2 x RCA, Audio-link output XLR, male
Loudspeaker outputs:	Speaker Out Unswitched, Speaker Out Switched
Speaker output connections:	6.3 mm Jack
Wireless Unit	
Radio Frequency Range	Standard: 863 - 865 MHz B5: 584 - 607 MHz B6: 655 - 679 MHz
Modulation Type	analogue FM
Channels	16
Frequency range	50 - 17,000 Hz
Controllers	Power/Volume, Value Up, Value Down, ASC, MUTE-Level (squelch)
Indicators	LED display, RF (LED), AF (LED)
Connections	TNC for receiver antenna
RF Transmitter Power Output	10 mW
Operating voltage:	transformer, 24 V DC - 32 V DC (5A), 200 V AC - 250 V AC
Rechargeable batteries:	2 x 12 V / 4.5 AH
Cabinet material:	aluminium, plastic
Cabinet construction:	vented
Dimensions (W x H x D):	355 mm x 610 mm x 315 mm
Weight:	19 kg
Other features:	Stand mount 36 mm, audio-link function, cassette player available optionally, transport handle, transport bag available optionally, additional radio receiver (LDRM102R) available optionally, trolley handle, transport casters

## AVAILABLE ACCESSORIES

**ROADMAN 102 BAG** PROTECTIVE COVER FOR LDRM102 PORTABLE PA SPEAKER

# MAUI® i1 SERIES

COLUMN INSTALLATION SPEAKERS



## MAUI® i1 (W)

### PASSIVE COLUMN LOUDSPEAKER FOR IN- AND OUTDOOR INSTALLATION

For acoustically challenging interiors where music and speech must be clearly understood, even in the rearmost rows, there is one solution - MAUI® i1.

This feature is achieved with nine 3" mid-range drivers, two 1" neodymium high-frequency drivers and a specially developed BEM-optimized Waveguide. This combination avoids unnecessary reflections on the floor and on ceilings by keeping the vertical dispersion as narrow as possible and the horizontal one as wide as possible.

Installers can easily integrate the MAUI® i1 in any constant-voltage audio system. This is made possible with an 8 Ohm / 70 V / 100 V selector switch. In addition, you can tap the power down to 60 W, 30 W, 15 W and 7.5 W depending on how many speakers you need to run in parallel and for a more efficient performance. At 8 Ohms, you can benefit from the best frequency response and highest 120 W RMS power rating.

For outdoor use, MAUI® i1 features weather treated cones, an aluminum loudspeaker grille and a weatherproof cover for the connection panel. That way, no water can enter the panel and your Loudspeaker stays rust free.

Surface installation is easy with the included U-bracket and with its black or white color selection, the loudspeaker blends unobtrusively and discreetly into almost any location.

The multiple award-winning MAUI® series has been expanded with the completely revised i1 and adapted to the special requirements of indoor and outdoor installations. All of this definitely makes MAUI® i1 the right choice for your demanding fixed installations.

#### SPECIFICATIONS:

Art. No.:	LDMAUIi1 / LDMAUIi1W
Type:	Passive PA loudspeaker
Low/mid driver dimensions:	9 x 3"
Woofer size:	76.2mm
Woofer:	Custom-made ferrit
Horn:	BEM optimized CD Horn
HF driver dimensions:	2 x 1"
HF Driver:	Custom-made neodymium
HF driver voice coil:	1"
Dispersion (H x V):	120° x 30° (-6 dB)
Low impedance RMS power:	120 W
Low Impedance Peak power:	480 W (>200 Hz)
Nominal Impedance:	8 Ohms
Input selector switch:	70 V - 100V - 8 Ohms (transformer bypass)
100V Transformer power taps:	60 - 30 - 15 - 7.5 W
70V Transformer power taps:	60 - 30 - 15 - 7.5 W
Frequency response:	130 - 19000 Hz (-10dB)
Crossover frequency:	2500 Hz
SPL (1W/1m):	94 dB
Max. SPL:	116 dB
Cabinet material:	Aluminum
IP rating:	65
Dimensions (WxHxD):	85 x 985 x 105 mm
Weight:	8.6 kg
Included accessories:	U-Bracket for surface mount
Optional Accessories:	Bracket for tilt installation applications

# CONTRACTOR® SERIES

PROFESSIONAL INSTALLATION SPEAKERS

## invisible audio.

Sporting straightforward, elegant aesthetics, the Contractor Series loudspeakers are the ideal choice for discreet audio installations requiring balanced music playback and high speech intelligibility at budget prices.

The series comprises white in-ceiling and in-wall speakers, frameless in-wall speakers and wall mount speakers from 4" to 6.5" in black and white. For distributed systems, all models are available in 100 V versions. Providing solid low-end extension down to 40 Hz, the LD Systems Contractor® Series includes a 10" in-wall subwoofer. It also features a dedicated outdoor loudspeaker.

The uniform appearance of the Contractor® Series installation loudspeakers allows for easy mixing and matching in restaurants, bars, hotel or theater lobbies and retail outlets.

- Installation loudspeakers with plain, uniform aesthetics
- In-ceiling, in-wall, frameless and wall mount models
- 100V versions available



**WALLS HAVE MOUTHS**

With almost flush fitting grilles and shallow depths Contractor loudspeakers enable easy and discreet installation in walls and ceilings.



**ENVIRONMENTAL EQUALIZER**

3-position switch for HF response adjustment and -3, 0 and +3 dB settings.



**100 V TRANSFORMER**

Contractor® Series loudspeakers are available in 100V versions with taps from 1.5 to 24W for distributed systems.



**SECURE AND EASY MOUNTING**

Quick-turn dog-ear clamps facilitate safe and trouble free installation.



**CFL 52 / 100V**

5.25" FRAMELESS 2-WAY IN-WALL SPEAKER 100 V

**CFL 62 / 100V**

6.5" FRAMELESS 2-WAY IN-WALL SPEAKER 100 V



**CICS 52 / 100V**

6.5" 2-WAY IN-CEILING SPEAKER 100 V

**CICS 62 / 100V**

6.5" 2-WAY IN-CEILING SPEAKER 100 V

**CIWS 62**

6.5" 2-WAY IN-WALL SPEAKER



# CONTRACTOR® SERIES

## 2-WAY WALL MOUNT SPEAKERS

### THE ULTIMATE ALLROUNDERS

The wall mount speaker series is designed for a wide range of unobtrusive audio installations in hotels, restaurants, bars, lounges, training and conference rooms, shopping centres and for home use.



### FLEXIBLE MOUNTING

The included bracket provides universal options for speaker mounting and orientation.

### FULLY SCALABLE

Contractor Series loudspeakers are available in 100V versions for distributed systems.



### COVERING ALL INSTALLATION APPLICATIONS

Designed for a wide scope of applications, providing a subtle sound in hotels, restaurants, bars, lounges, training and conference rooms, shopping centres and even at home.



**CWMS 42 B / 100V**  
4" 2-WAY WALL MOUNT SPEAKER BLACK (PAIR)



**CWMS 42 W / 100V**  
4" 2-WAY WALL MOUNT SPEAKER WHITE (PAIR)



**CWMS 52 B / 100V**  
5.25" 2-WAY WALL MOUNT SPEAKER



**CWMS 52 W / 100V**  
5.25" 2-WAY WALL MOUNT SPEAKER WHITE (PAIR)

# CONTRACTOR<sup>®</sup> SERIES

OUTDOOR SPEAKERS



### THE ART OF CAMOUFLAGE

The COGS 52 is a rugged outdoor speaker in army green with an IP56 rating.



### LOCK IT UP

To firmly anchor the speaker in the ground, two M8 inserts on the base can be used to attach an optionally available mounting bracket (LDCOGS52MB).



### ADAPTIVE INPUT

The speaker features a 7-way switch for easy transformer tap selection.



**COGS 52**  
5.25" OUTDOOR GARDEN SPEAKER

# CONTRACTOR® SERIES

## PROFESSIONAL INSTALLATION SPEAKERS

### SPECIFICATIONS:

Product number:	LCDFL52	LCDFL52100V	LCDFL62	LCDFL62100V	LCDCS52	LCDCS52100V	LCDCS62	LCDCS62100V	LCDCS62
Type:	Passive frameless ceiling speaker	Passive frameless ceiling speaker	Passive frameless ceiling speaker	Passive frameless ceiling speaker	Passive ceiling speaker	Passive ceiling speaker	Passive ceiling speaker	Passive ceiling speaker	Passive in-wall rectangular speaker
Speaker type:	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way
Colour:	black, white grille	white grille, black	white grille, black	black, white grille	white	white	white	white	white
Woofers dimensions:	5.25"	5.25"	6.5"	6.5"	5.25"	5.25"	6.5"	6.5"	6.5"
Tweeter dimensions:	1.2"	1.2"	1.2"	1.2"	1.2"	1.2"	1.2"	1.2"	1.42"
Opening size:	178 mm	178 mm	210 mm	210 mm	170 mm	170 mm	202 mm	202 mm	276 x 188 mm
Mounting depth:	77 mm	77 mm	81 mm	81 mm	83 mm	83 mm	87 mm	87 mm	67 mm
Min. Material Thickness:	3 mm	3 mm	3 mm	3 mm	2.5 mm	2.5 mm	3 mm	3 mm	9 mm
Max. Material Thickness:	15 mm	15 mm	15 mm	15 mm	31 mm	31 mm	30 mm	30 mm	37 mm
Impedance (low-impedance):	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
100 V Inputs:	-	1.5 W, 3 W, 6 W	-	6 W, 12 W, 24 W	-	6 W, 12 W, 24 W	-	6 W, 12 W, 24 W	-
Frequency range:	80 - 20,000 Hz	80 - 20,000 Hz	70 - 20,000 Hz	70 - 20,000 Hz	80 - 20,000 Hz	80 - 20,000 Hz	70 - 20,000 Hz	70 - 20,000 Hz	70 - 20,000 Hz
Sensitivity (1 W / 1 m):	88 dB	88 dB	88 dB	88 dB	88 dB	88 dB	88 dB	88 dB	88 dB
Low-impedance rated load (RMS):	40 W	40 W	60 W	60 W	40 W	40 W	60 W	60 W	60 W
Depth:	81 mm	81 mm	86 mm	86 mm	92 mm	92 mm	97 mm	100 mm	76 mm
Diameter:	204 mm	204 mm	234 mm	234 mm	202 mm	202 mm	233 mm	233 mm	-
Weight:	1.085 Kg	1.225 kg	1.56 kg	1.865 kg	1.09 kg	1.31kg	1.49 kg	1.795 kg	1.69 kg
Height:	-	-	-	-	-	-	-	-	218 mm
Width:	-	-	-	-	-	-	-	-	305 mm

Product number:	LDCG552	LDCWMS42B	LDCWMS42B100V	LDCWMS42W	LDCWMS42W100V	LDCWMS52B	LDCWMS52B100V	LDCWMS52W	LDCWMS52W100V
Type:	Passive outdoor IP56 speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker	Passive wall-mounted speaker
Speaker type:	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way speaker
Colour:	Army green	black	black	white	white	black	black	white	white
Woofer dimensions:	5.25"	4"	4"	4"	4"	5.25"	5.25"	5.25"	5.25"
Tweeter dimensions:	1.2"	0.75"	0.75"	0.75"	0.75"	1.2"	1.2"	1.2"	1.2"
Opening size:	-	-	-	-	-	-	-	-	-
Mounting depth:	74 mm	-	-	-	-	-	-	-	-
Min. Material Thickness:	-	-	-	-	-	-	-	-	-
Max. Material Thickness:	-	-	-	-	-	-	-	-	-
Impedance (low-impedance):	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
100 V inputs:	2 W, 4 W, 8 W, 16 W, 24 W	-	1.25 W, 2.5 W, 5 W, 10 W	-	1.25 W, 2.5 W, 5 W, 10 W	-	1.25 W, 2.5 W, 5 W, 10 W	-	1.25 W, 2.5 W, 5 W, 10 W
Frequency range:	80 - 15,000 Hz	90 - 20,000 Hz	90 - 20,000 Hz	90 - 20,000 Hz	90 - 20,000 Hz	80 - 20,000 Hz	80 - 20,000 Hz	80 - 20,000 Hz	80 - 20,000 Hz
Sensitivity (1 W / 1 m):	-	87 dB	87 dB	87 dB	87 dB	88 dB	88 dB	88 dB	88 dB
Low-impedance rated load (RMS):	-	20 W	20 W	20 W	20 W	30 W	30 W	30 W	30 W
Depth:	-	135 mm	135 mm	135 mm	135 mm	160 mm	160 mm	160 mm	160 mm
Diameter:	345 mm	-	-	-	-	-	-	-	-
Weight:	4.8 kg	3 kg	3.5 kg	3 kg	3.5 kg	4 kg	4.87 kg	4 kg	4.87 kg
Height:	372 mm	156 mm	156 mm	156 mm	156 mm	180 mm	180 mm	180 mm	180 mm
Width:	-	253 mm	253 mm	253 mm	253 mm	294 mm	294 mm	294 mm	294 mm

# SAT G2 SERIES

INSTALLATION SPEAKERS & SUBWOOFERS

black or white - **they rock your world!**

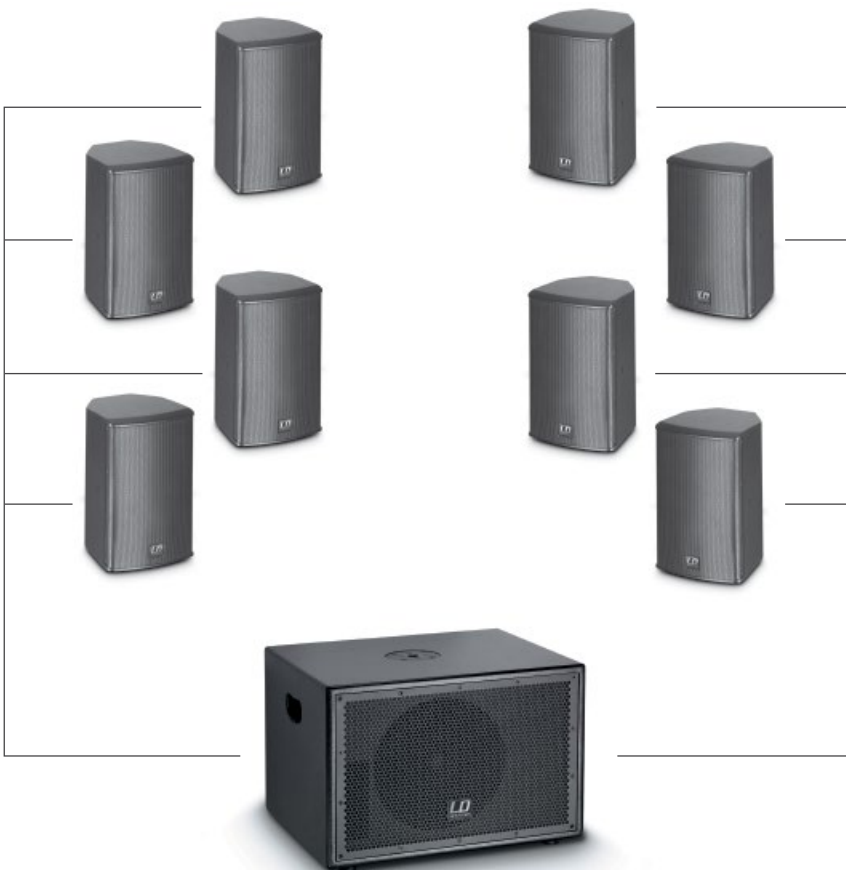
With clean, straightforward aesthetics, the SAT G2 Series installation loudspeakers and subwoofers fit into virtually any decor. Available in black or white and self-powered or passive versions, they are eminently suitable for a wide variety of commercial and residential installations. Delivering outstanding sound and powerful performance the SAT G2 Series installation loudspeakers are engineered for reliable operation and durability. The rugged enclosures feature multiple suspension points for a choice of mounting options.

- Self-powered and passive installation loudspeakers and subwoofers
- Wide range of formats including elegant slimline models
- Unobtrusive aesthetics
- Easy integration into virtually any decor





SAT G2 SERIES



**SPEAKERS TO LOOK UP TO**

The 12 mm MDF cabinet with a rugged textured coating is available in black and white. The included mounting bracket and M6 rigging points offer extensive possibilities for mounting; a universal joint mount is available as an accessory.

**FULLY SCALABLE SOLUTIONS**

The LD systems SAT G<sup>2</sup> series consists of elegant installation monitors and subwoofers that can be unobtrusively integrated into almost any environment. With 13 fullrange speakers and 3 subwoofers you can scale your system from the smallest shelf speaker application up to complete lounge club sound reinforcement solutions.

**PROVEN TECHNOLOGY FOR OPTIMAL RELIABILITY**

The series is based on proven technologies offering maximum reliability and durability. The class AB amplified powered versions feature a switchable power saving mode that automatically switches to standby if there is no signal for 3 minutes. The SAT G<sup>2</sup> series features a warm and rich sound, highly balanced and dynamic throughout the complete frequency range and offers stunning sound pressure levels.



# SAT G2 SERIES

INSTALLATION SPEAKERS



**SAT 42 G2 (W)**  
4" PASSIVE INSTALLATION  
MONITOR (PAIR)



**SAT 242 G2 (W)**  
2 X 4" PASSIVE INSTALLATION SPEAKER



**SAT 262 G2 (W)**  
2 X 6.5" PASSIVE INSTALLATION SPEAKER



**SAT 442 G2 (W)**  
4 X 4" PASSIVE INSTALLATION SPEAKER



**SAT 62 G2 (W)**  
6.5" POWERED INSTALLATION  
MONITOR



**SAT 62 A G2 (W)**  
6.5" POWERED INSTALLATION MONITOR



**SAT 82 G2 (W)**  
8" INSTALLATION MONITOR PASSIVE



**SAT 82 A G2 (W)**  
8" POWERED INSTALLATION MONITOR



**SAT 102 G2 (W)**  
10" PASSIVE INSTALLATION SPEAKER



**SAT 122 G2 (W)**  
12" PASSIVE INSTALLATION SPEAKER



**SUB 88**  
2 X 8" SUBWOOFER PASSIVE



**SUB 88 A**  
2 X 8" POWERED SUBWOOFER



**SUB 10 A**  
10" POWERED SUBWOOFER

# SAT G2 SERIES

## ACCESSORIES



**SAT WMB 10 B (W)**  
WALL MOUNT FOR SPEAKERS



**GSP WMB S20 (W)**  
TILT & SWIVEL WALL MOUNT BRACKET  
FOR SAT262G2, SAT102G2 & SAT122G2



**LDEBG3SCP**  
TRUSS MOUNTING CLAMP SET  
FOR SAT262G2, SAT102G2 & SAT122G2



**SAT 262 G2 WMB (W)**  
SWIVEL WALL MOUNT U-BRACKET  
FOR SAT262G2



**SAT 102 G2 WMB (W)**  
SWIVEL WALL MOUNT U-BRACKET  
FOR SAT102G2



**SAT 122 G2 WMB (W)**  
SWIVEL WALL MOUNT U-BRACKET  
FOR SAT122G2



**5430M6**  
RING SCREW  
STAINLESS STEEL M6 X 12 MM INCL. WASHER



**5430M8**  
RING SCREW  
STAINLESS STEEL M8 X 35 MM INCL. WASHER

**SPECIFICATIONS SPEAKERS:**

Art. No.:	LDSAT42G2(W)	LDSAT242G2(W)	LDSAT262G2(W)	LDSAT442G2(W)
Frequency range:	75 Hz - 20 kHz	75 Hz - 20 kHz	65 Hz - 19 kHz	75 Hz - 20 kHz
Rated system power (RMS / peak):	60 W / 240 W	100 W / 400 W	180 W / 360 W	200 W / 400 W
Sensitivity (1W/ 1m):	85 dB	88 dB	93 dB	94 dB
Max. SPL:	103 dB	108 dB	116 dB	114 dB
Impedance:	16 Ω	8 Ω	8 Ω	8 Ω
LF / HF transducer:	4" / 1" silk dome tweeter	2 x 4" / 1" silk dome tweeter	2 x 6.5" / 1" rotatable compression driver	4 x 4" / 1" compression driver with waveguide
Dispersion:	60° x 60°	60° x 60°	80° x 60°	120° x 30°
Connectors:	Clamp-type	Clamp-type	Speakon compatible , terminal block	Clamp-type
Dimensions (W x H x D):	140 x 230 x 125 mm	140 x 378 x 135 mm	200 x 630 x 205 mm	140 x 670 x 155 mm
Weight:	2.5 kg	4.15 kg	9.8 kg	8 kg
Features:	M6 rigging / mounting points, mounting brackets	M6 rigging / mounting points, mounting brackets	Prepared for U-frame wall mount, Gravity Stands multipurpose wall mount, 4x M8 flying points	M6 rigging / mounting points, mounting brackets
Art. No.:	LDSAT62G2(W)	LDSAT62AG2(W)	LDSAT82G2(W)	LDSAT82AG2(W)
Frequency range:	55 Hz - 20 kHz	55 Hz - 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz
Rated system power (RMS / peak):	80 W / 320 W	50 W / 200 W	120 W / 480 W	80 W / 40 W
Sensitivity (1W/ 1m):	89 dB	89 dB	93 dB	94 dB
Max. SPL:	108 dB	108 dB	114 dB	114 dB
Impedance:	16 Ω	-	8 Ω	-
LF / HF transducer:	6.5" / 1" silk dome tweeter	6.5" / 1" silk dome tweeter	8" / 1" silk dome tweeter	8" / 1" silk dome tweeter
Dispersion:	60° x 60°	60° x 60°	60° x 60°	60° x 60°
Connectors:	Clamp-type	Input: XLR / 6.3 mm jack, output: XLR	Clamp-type	XLR / jack
Dimensions (W x H x D):	200 x 320 x 200 mm	200 x 320 x 200 mm	274 x 410 x 243 mm	274 x 410 x 243 mm
Weight:	4.1 kg	5.25 kg	7 kg	8.6 kg
Features:	M6 rigging / mounting points, brackets	M6 rigging / mounting points, brackets, auto power / OFF switchable, volume control, protection circuits against overcurrent	M6 rigging / mounting points, brackets	M6 rigging / mounting points, brackets, auto power / OFF switchable, volume control, protection circuits against overcurrent
Art. No.:	LDSAT102G2(W)		LDSAT122G2(W)	
Frequency range:	65 Hz - 19 kHz		60 Hz - 19 kHz	
Rated system power (RMS / peak):	200 W / 400 W		250 W / 500 W	
Sensitivity (1W/ 1m):	95 dB		97 dB	
Max. SPL:	118 dB		121 dB	
Impedance:	8 Ω		8 Ω	
LF / HF transducer:	10" / 1" rotatable compression driver		12" / 1" rotatable compression driver	
Dispersion:	80° x 60°		80° x 60°	
Connectors:	Speakon compatible, terminal block		Terminal block	
Dimensions (W x H x D):	300 x 550 x 270 mm		350 x 580 x 310 mm	
Weight:	12.2 kg		16.3 kg	
Features:	Prepared for U-frame wall mount and Gravity Stands multipurpose wall mount, 4x M8 flying points		Prepared for U-frame wall mount and Gravity Stands multipurpose wall mount, 4x M8 flying points	

**SPECIFICATIONS SUBWOOFERS:**

Art. No.:	LDSUB88	LDSUB88A	LDSUB10A / bass reflex
Frequency range:	40 Hz - 120 Hz	40 Hz - 120 Hz	40 Hz - 120 Hz
Power (RMS / peak):	2 x 100 W / 2 x 400 W	150 W / 600 W	3 x 120 W ( 120 W for subwoofer + 2 x 120 W for external speakers) / 3 x 480 W (480 W for subwoofer + 2 x 480 W for external speakers)
Sensitivity (1W/ 1m):	92 dB	-	-
Max. SPL:	115 dB	115 dB	118 dB
Impedance:	2 x 8 Ω	-	-
LF transducer:	2 x 8"	2 x 8"	10"
Connectors:	Clamp-type (2x input / 2x output)	Input: XLR / 6.3 mm jack (combo)	Line Inputs: 2 x XLR/ 6.3 mm jack (combo) Link outputs: 2 XLR male Speaker output: binding post
Controls:	-	Sub level, phase switch and crossover frequency	Main level, sub level, sub phase switch
Protection:	-	Overload	Short circuit, over current, clip limiter
Dimensions (W x H x D):	600 x 250 x 350 mm	600 x 250 x 350 mm	505 x 345 x 425 mm
Weight:	13.3 kg	15 kg	21 kg
Features:	-	-	Handles, M20 threaded flange



# IMA SERIES

## INSTALLATION AMPLIFIER



## IMA® 30

### INSTALLATION MIXING AMPLIFIER

Permanent installations require solutions which offer a visually discrete design that blends into the background while still being flexible and versatile in their functions. You need to be able to connect different audio sources and manage them, to mute non-priority signals during announcements or emergency calls.

With IMA® 30, LD Systems presents the first model of the new IMA® mixing amplifier-series, which leaves nothing to be desired in terms of design and flexibility. Seamless integration with IMA® 30 is a sure thing in both industrial and commercial applications thanks to the compact 9.5-inch housing design, an array of connection possibilities, including Bluetooth for wireless connection of Audio and a multistage priority circuit.

IMA® 30 is equipped with four priority levels to manage all connected audio signals during emergency or priority announcements. An automatic standby mode can also be activated to reduce power consumption during absence of audio signal. The mixing amplifier features two priority contact closures: one for emergency input to mute both Mic/Line and music sources, and one for Mic/Line Channels to mute music sources only.

The outputs provide 30 W of power at 4 Ohm, a two-band equalizer for bass and trebles as well as 70 V/100 V tap settings. The Hi-Z and Lo-Z selector switch lets you separate the output signal completely from the output transformer to ensure an optimal frequency response for low impedance applications. The built-in aux output can be used to add external power amplifiers, active subwoofers or on-hold music systems to the IMA® 30. You can also choose to send the entire mix or only the selected music signal source to the aux output using the music-mix selector switch.

**SPECIFICATIONS:**

Art. No.:	LDIMA30
Product type:	Installation mixing amplifier
Emergency input:	1 balanced line input
Mic/Line inputs:	2
Music sources:	2 unbalanced stereo line inputs + 1 Bluetooth interface v4.0
Line outputs	1
Powered outputs	1 with output mode selector (Low-Z/High-Z)
Cooling system:	Convection cooling
Priority levels	4
Emergency Input	
Nominal input sensitivity:	-6 dBu (Sine 1 kHz, Gain max)
Nominal input clipping:	20 dBu (Sine 1kHz)
Priority Contact closure:	+5VDC Normally Open for dry contact
Connector:	1x 5.08mm Terminal Block 5-pin
Mic/Line inputs 1-2	
Nominal input sensitivity:	Mic: -36 dBu (Sine 1 kHz, Gain max) / Line: +1 dBu (Sine 1 kHz, Gain max)
Nominal input clipping:	Mic: -17 dBu (Sine 1kHz) / Line: +19dBu (Sine 1kHz)
Phantom Power:	+24V, 10mA Switchable
Priority Contact closure:	+5VDC Normally Open for dry contact
Connector:	Mic/Line1: 5-pin Terminal Block, pitch 5.08mm + 1 XLR/6.3mm Jack combo connector Mic/Line2: 3-pin Terminal Block, pitch 5.08mm + 1 dual RCA Mono Summed
Music inputs - CD/AUX	
Nominal input sensitivity:	-6.22 dBV (Sine 1 kHz, Gain max)
Nominal input clipping:	7.78 dBV (Sine 1kHz)
Connector:	2 x dual RCA Mono Summed

Amplifier Output	
Type:	Class D
Amplifier Outputs:	Low-Z: 4 ohm minimum load, High-Z 70V or 100V outputs
Connector:	5-pin Terminal block (pitch 5.08mm)
RMS output power:	35 W (Continuous sine wave 1kHz, 4 ohm load)
Peak output power:	39 W (100 msec sine 1kHz Burst @ 4 ohm load)
Frequency response:	20 Hz - 20 kHz (LO-Z, -3 dB) 60 Hz - 20 kHz (HI-Z, -3 dB)
Tone Control:	BASS: +10dB (100Hz), TREBLE: +10dB (10kHz)
Protection:	Audio Limiter (10dB range), Over/Undervoltage, Overtemperature, Short-Circuit, Offset-Detection
Aux Output	
Connector:	3-pin Terminal block (pitch 5.08mm)
Maximum output level:	22 dBu
Power Supply	
Type:	SMPS
Voltage Range:	100 VAC - 240 VAC (+10%), 50-60 Hz
Max power consumption:	70 W (sine 1kHz with 4 ohm load)
Idle power consumption:	7 W (no signal input)
Standby power consumption:	< 1W
Operating Temperature:	0°C - 40°C; < 85% humidity, non condensing
General	
Time to standby:	20 Min
Dimensions (W x H x D):	210 x 96.5 x 266.76 mm (height with rubber feet)
Weight:	2.39 kg
Optional Accessories:	Rack mounting hardware



LD SYSTEMS  
DQOR  
INSTALLATION SPEAKER



CAMEO  
ZENIT W 300  
WASH LIGHT



# your plan, our focus.

Planning interior is both an art and a science and you are the orchestrator of it all. No matter if you design a hotel lobby, a conference room, a night club or a chapel, the functional and aesthetical interaction between light and sound will always be essential. It is like color on your canvas or the x in your formula. Our focus lies on turning your visions into realities, right from the planning stage up to the successful completion of your installation – and long thereafter. As a German one-stop supplier of install products, we provide solutions for all your demands. From smart and elegant audio and LED lighting installations all the way down to the mounting hardware, wires and connectors. Enjoy our support including individual consultation and comprehensive service. Let's turn your plans into realities together.

For more information, please visit [adamhall.com/install](http://adamhall.com/install) and discover what our full-scale solutions can do for you!

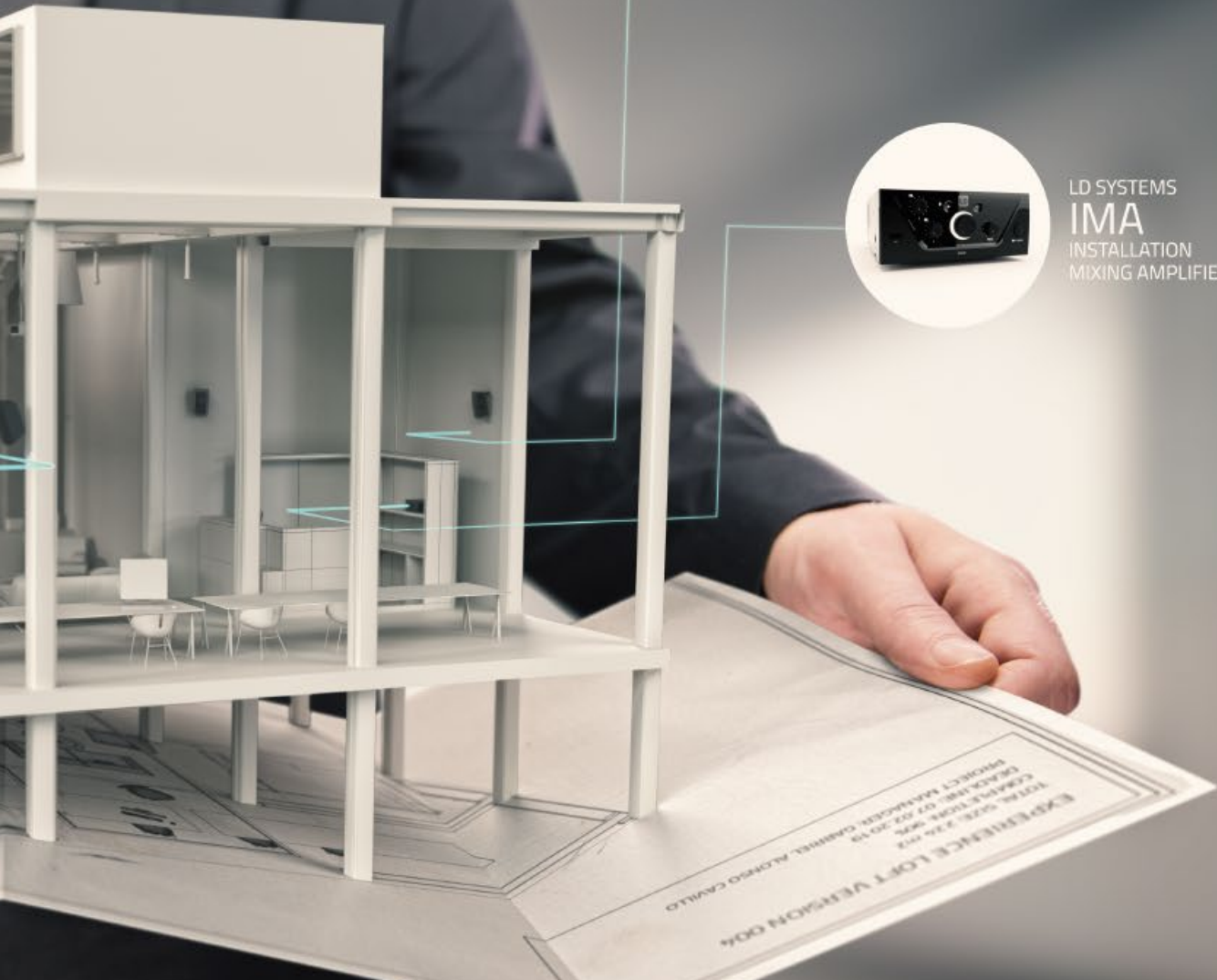




LD SYSTEMS  
**CURV 500 DSAT**  
DOUBLE SATELLITE SPEAKER



LD SYSTEMS  
**IMA**  
INSTALLATION  
MIXING AMPLIFIER



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**SOUND** **LIGHT** **STAGE** **HARDWARE**  
TECHNOLOGY TECHNOLOGY EQUIPMENT FOR FLIGHTCASES

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# DSP SERIES

PROFESSIONAL DSP POWER AMPLIFIERS

welcome to the **digital age.**



The LD Systems® DSP power amps are professional 4-channel power amplifier with extensive DSP control. Designed for demanding large-scale sound reinforcement and concert-quality performance, they deliver a massive 1,200 watts per channel and 2 x 2,400 watts bridged. The high-efficiency Class H topology and switch mode power supply with power factor correction (PFC) provide a wide dynamic range and excellent transient response.

These amps feature comprehensive protection circuitry including power-up, DC, overcurrent, thermal and short circuit protection plus current and clip limiters to prevent SMPS overload and loudspeaker damage. Together with a pair of temperature controlled fans, they ensure exceptional reliability in the most demanding applications. The 24-bit DSP allows precise control with FIR and IIR filters, parametric EQ, crossover, delay, RMS and peak limiter functions. User configurable loudspeaker presets with password protection enable fast setup. For optimal speaker performance and safe operation the DSP power amps are equipped with an LD Systems® loudspeaker preset library, and the included software enables computer control and monitoring.

- 4-channel power amplifier with DSP control / + Dante™ enabled (DSP 44 K)
- 4 x 1,200 watts @ 4 and 2 ohms, 2 x 2,400 watts bridged @ 4 ohms
- 10 Hz – 22 kHz Frequency range with 120 dB dynamic range
- 24-bit/48kHz DSP with FIR and IIR filters, parametric EQ, crossover, delay, RMS and peak limiters
- DC, overcurrent, thermal and short circuit protection, soft start, clip and SMPS overload limiters
- Dual temperature-controlled fans
- Power factor correction (PFC)
- Menu driven 4-line display with rotary encoder and security lock
- Includes control and monitoring software and LD Systems® Loudspeaker Preset Library





**MASSIVE POWER**

Designed for demanding large-scale sound reinforcement and concert-quality performance, they deliver a massive 1,200 watts per channel and 2 x 2,400 watts bridged.

**DANTE™ SPOKEN HERE**

The Dante™ interface permits instant integration into networks using the Dante™ protocol, and the included software enables computer control and monitoring.



**CLASS H – FIRST CLASS POWER AMPS**

The high-efficiency Class H topology and switch mode power supply with power factor correction (PFC) provide a wide dynamic range and excellent transient response.

**EASY PROCESSING**

The 24-bit DSP allows precise control with FIR and IIR filters, parametric EQ, crossover, delay, RMS and peak limiter functions. User configurable loudspeaker presets with password protection enable fast setup.

Maximum performance and reliable protection: that's why our DSP44K and 45K power amps include a library of custom presets for Stinger G3 Series, Sat G2 Series, Curv 500 and MAUI i1 loudspeakers. They guarantee optimum results and superb, consistent sound quality in all applications.



**IN TOTAL CONTROL**

The LD OCS software (Online Control System) enables you to configure LD DSP44K or DSP45K amplifiers, load current LD speaker presets and create and manage individual custom speaker and amp presets.

# DSP SERIES

PROFESSIONAL DSP POWER AMPLIFIERS



**DSP 44 K**  
PROFESSIONAL DSP POWER AMPLIFIER WITH DANTE™



**DSP 45 K**  
4-CHANNEL POWER AMPLIFIER WITH DSP



**DSP 44 K RACK**  
4-CHANNEL DANTE™ DSP POWER AMPLIFIER AND PATCHBAY IN 19" RACK CASE



**DSP 45 K RACK**  
4-CHANNEL DSP POWER AMPLIFIER AND PATCHBAY IN 19" RACK CASE



**DSP 44 K PB**  
19" PATCHBAY FOR LDDSP44K

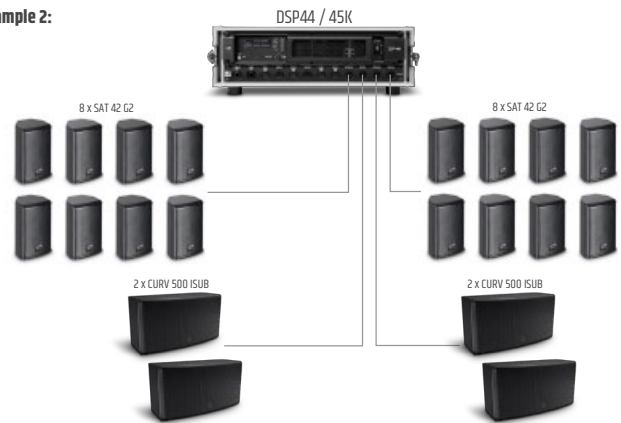


**DSP 45 K PB**  
19" PATCHBAY FOR LDDSP45K

Example 1:



Example 2:



**SPECIFICATIONS:**

Art. No.:	LDOSP44K(RACK)	LDOSP45K(RACK)
Product type:	Power Amplifier	Power Amplifier
Type:	4-channel	4-channel
Rated output power (1kHz @ 2 Ohms):	4 x 1200 W	4 x 1200 W
Rated output power (1kHz @ 4 Ohms):	4 x 1200 W	4 x 1200 W
Rated output power (1kHz @ 8 Ohms):	4 x 675 W	4 x 675 W
Rated output power (1kHz @ 4 Ohms, bridged):	2 x 2400 W	2 x 2400 W
High Z 70 V rms / 100 V peak:	4 x 1200 W	4 x 1200 W
High Z 100 V rms / 140 V peak:	2 x 2400 W	2 x 2400 W
Output circuitry:	Class H	Class H
Frequency range:	10 Hz - 22 kHz	10 Hz - 22 kHz
THD:	< 0.05 % @ 1 kHz	< 0.05 % @ 1 kHz
Signal-to-noise ratio:	104 dB	104 dB
Protection circuits:	clip limiter, DC protection, Multiband limiter, over-current, RMS speaker limiter, short circuit, soft start, thermal protection	clip limiter, DC protection, Multiband limiter, over-current, RMS speaker limiter, short circuit, soft start, thermal protection
Controls:	Direct access buttons, Exit / lock button, On / off switch, Push encoder	Direct access buttons, Exit / lock button, On / off switch, Push encoder
Indicators:	LC display	LC display
Line inputs:	4	4
Line input connectors:	Neutrik XLR	Neutrik XLR
Line outputs:	4	4
Line output connectors:	Neutrik XLR	Neutrik XLR
Loudspeaker outputs:	4	4
Speaker output connections:	Speakon	Speakon
Cooling:	2 fans, temperature controlled	2 fans, temperature controlled
Maximum Ambient Temperature:	0 - 40°	0 - 40°
Operating voltage:	220 V AC - 240 V AC, 50-60 Hz, Switching Power Supply	220 V AC - 240 V AC, 50-60 Hz, Switching Power Supply
Relative Humidity:	< 80% (non-condensing)	< 80% (non-condensing)
Power consumption @ full load:	1900 W	1900 W
Dimensions (W x H x D):	482 x 89 x 320 mm / 545 x 185 x 545 mm (DSP44K(RACK))	482 mm x 89 mm x 320 mm / 545 x 185 x 545 mm (DSP45K(RACK))
Weight:	7.9 kg / 17.9 kg (DSP44K(RACK))	7.9 kg / 17.9 kg (DSP45K(RACK))
Features:	19" / 2 U, Powered Power Factor Correction, Computer control software, Dante interface, DSP controlled, Ethernet, LD Systems loudspeaker preset library, USB front port	19" / 2 U, Powered Power Factor Correction, Computer control software, DSP controlled, Ethernet, LD Systems loudspeaker preset library, USB front port

Art. No.:	LDOSP44KPB / LDOSP45KPB
Product type:	19" Patchbay
Type:	4-channel
Connectors:	2 x RJ45 (LDOSP45KPB only 1 x RJ45), 4 x Neutrik Speakon, 4 x Neutrik XLR Female, 2 x Neutrik XLR Male
Material / Surface:	Steel, powder coated
Dimensions (W x H x D):	19" / 1 HE, 483 mm x 44,5 mm x 110 mm
Weight:	1.5 kg

# DEEP2 SERIES

DYNAMIC EFFICIENT ENGINEERED PA POWER AMPLIFIERS

## deeply in love **with sound!**

Providing reliability, versatility and excellent value the compact, lightweight DEEP 2 Series power amplifiers are ideal for live and installed sound applications, touring bands and rental companies.

Featuring rugged steel enclosures, toroidal transformers and premium components throughout, the DEEP 2 Series class H design delivers dynamic, full bandwidth audio. The perfect motor for passive loudspeakers and subwoofers, DEEP 2 Series power amplifiers also incorporate a clip limiter and comprehensive protection circuits.

- Compact lightweight class H power amplifiers
- Up to 1,200 watts continuous output per channel
- Select high quality components
- Full bandwidth audio with superior transient response
- Clip limiter and comprehensive protections



**COMPACT LIGHTWEIGHT CLASS H POWER AMPLIFIERS**

Providing reliability, versatility and excellent value the compact DEEP2 Series power amplifiers are ideal for live and installed sound applications, touring bands and rental companies.



**FULL BANDWIDTH AUDIO WITH SUPERIOR TRANSIENT RESPONSE**

The DEEP2 series will convince every user thanks to a dynamic and very clear sound which is perfectly adapted for sub-bass applications as well as for multifunctional speakers.



**UP TO 1200 WATTS CONTINUOUS OUTPUT PER CHANNEL**

The DEEP2 series features class-H power amplifiers with toroidal core offering amplifying levels from 2 x 400 W till 4 x 810 W at 4 Ohm.



**DEEP2 600**  
PA POWER AMPLIFIER 2 X 300 W 2 OHMS

**DEEP2 1600**  
PA POWER AMPLIFIER 2 X 800 W 2 OHMS



**DEEP2 2400 X**  
PA POWER AMPLIFIER 2 X 1200 W 2 OHM

**DEEP2 4950**  
PA POWER AMPLIFIER 4 X 810 W 4 OHMS

**SPECIFICATIONS:**

Art. No.:	LDDP600	LDDP1600	LDDP2400X	LDDP4950
Output power @1 kHz				
2 Ω	2 x 300 W	2 x 800 W	2 x 1,200 W	-
4 Ω	2 x 400 W	2 x 670 W	2 x 950 W	4 x 810 W
8 Ω	2 x 300 W	2 x 450 W	2 x 600 W	4 x 490 W
Bridge 4 Ω	600 W	1,600 W	2,200 W	-
Bridge 8 Ω	800 W	1,300 W	1,800 W	2 x 1,600 W
Frequency range:	20 Hz - 20 kHz			
Operation class:	H			
Protection:	DC, temp, short circuit, over current			
Connectors:	Input: XLR / 6,3mm jack (Combo) / Link output: XLR/ output: Speakon compatible / binding post			
Power supply:	AC ~ 230V / 50-60 Hz			
Dimension (W x H x D):	483 x 88 x 370 mm			
Weight:	12.8 kg	15.9 kg	17.6 kg	19.6 kg



# XS SERIES

PA POWER AMPLIFIERS

## light as a feather!

Engineered for low to medium power requirements in live and installed sound applications, XS Series amplifiers are packed with professional features. The compact, lightweight class D design delivers detailed, natural sounding audio with excellent transient response, and comprehensive protections ensure flawless performance and long-term reliability. For easy system integration, the XS Series power amplifiers come with dual input and output connector formats.

- Compact 1U class D power amplifiers
- 100 to 350 watts per channel @ 4 ohms
- Full bandwidth audio
- Soft start and comprehensive protections





### COMPACT POWER

With only 1U and a weight not exceeding 3.4 kg the Class D power amplifiers are conceived for all professional applications. The Class D power amplifier technology delivers 100W to 350W per channel at 4 ohms into a minimum of space without generating unnecessary loss energy.

### EXTENSIVE FEATURES

The XS series power amplifiers sport protection circuits against short-circuiting, DC, overheating, and overloading and a soft-start delay. On the rear panel, it is possible to select the mode of operation (Bridge, Stereo and Parallel) and gain and activate the limiter and ground-lift function. The amplifier features XLR, RCA and jack input connectors, with Speakon-compatible sockets and screw terminals as outputs.



### XS 200

PA POWER AMPLIFIER CLASS D 2 X 100 W 4 OHMS



### XS 400

PA POWER AMPLIFIER CLASS D 2 X 200 W 4 OHMS



### XS 700

PA POWER AMPLIFIER CLASS D 2 X 350 W 4 OHMS

### SPECIFICATIONS:

Art. No.	LDXS200	LD XS400	LDXS700
output power @ 1 KHz			
4 $\Omega$	2 x 100 W	2 x 200 W	2 x 350 W
8 $\Omega$	2 x 50 W	2 x 100 W	2 x 200 W
Bridge 8 $\Omega$	200 W	400 W	700 W
Frequency range:	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Cooling type:	Convection	Low Noise fan	Low Noise fan
output circuitry:	Class D		
Protection:	Soft start, short circuit, DC, Temperature, over current		
Connectors:	Input: XLR, 6,3 mm jack, RCA / output: Speakon compatible, binding post		
Indicators:	Power, signal, clip, protect, mode (bridge / parallel)		
Controls:	On/Off, volume, mode (bridge/ parallel / stereo), ground lift, limiter, gain		
Power supply:	115 V / 230 V (switchable)		
Dimensions (W x H x D):	482 x 44 x 244 mm		
Weight:	3 kg	3.4 kg	3.4 kg

# DJ SERIES

PA POWER AMPLIFIERS

## last night we saved a **DJs life!**

Engineered for uncompromising performance, the straightforward DJ Series power amplifiers are the convenient choice for driving passive loudspeakers and subwoofers in portable and installed sound systems where budget is a major consideration. Compact and lightweight, the DJ Series' class AB design, rugged construction and comprehensive protections provide long-term durability and reliable operation in a wide variety of applications.

- Budget no-frills class AB power amplifiers
- Rugged construction and reliable performance
- Soft start and comprehensive protections

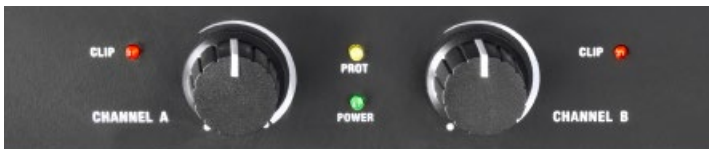


**BUDGET NO-FRILLS CLASS AB POWER AMPLIFIERS**

Engineered for uncompromising performance, the straightforward DJ Series power amplifiers are the convenient choice for driving passive loudspeakers and subwoofers in portable and installed sound systems where budget is a major consideration.

**RUGGED CONSTRUCTION AND RELIABLE PERFORMANCE**

XLR and stereo TRS sockets are used as inputs and Speakon-compatible sockets and heavy-duty screw terminals as outputs. A ground lift switch eliminates ground loop hum. LEDs on the front panel next to the easy-grip volume controls indicate functional status, overloading, and triggering of the protection circuit.

**SOFT START AND COMPREHENSIVE PROTECTIONS**

The DJ series is equipped with extensive protection circuitry and a power-on delay. The front panel perforations and a low-noise fan keep the amp cool. The rugged construction and comprehensive protections provide long-term durability and reliable operation in a wide variety of applications.

**DJ 300**

PA POWER AMPLIFIER 2 X 150 W 4 OHM

**DJ 500**

PA POWER AMPLIFIER 2 X 250 W 4 OHMS

**DJ 800**

PA POWER AMPLIFIER 2 X 400 W 4 OHMS

**SPECIFICATIONS:**

Art. No.	LDDJ300	LDDJ500	LDDJ800
Output power @ 1 KHz			
4 Ω	2 x 150 W	2 x 250 W	2 x 400 W
8 Ω	2 x 100 W	2 x 150 W	2 x 240 W
Bridge 8 Ω	250 W	500 W	800 W
Frequency range:	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
output circuitry:	Class A/B		
Protection:	Soft start, short circuit, DC, temperature, over current		
Connectors:	Input: XLR, 6.3 mm jack / Output: SPK, binding post		
Indicators:	Power, clip, protect		
Controls:	ON/ OFF, volume, mode (bridge/ stereo), ground lift		
Power supply:	AC ~ 230V / 50-60 Hz		
Dimensions (W x H x D):	482 x 88 x 298 mm		
Weight:	8.5 kg	9 kg	10.1 kg

# SIGNAL PROCESSING

## pimp your **sound!**

In the rubric signal processors, you will find digital models in versions with 3 and 6 channels. The DSP controllers are optimized for use with LD Systems speaker cabinets, but also work with other common systems. The graphic equaliser in 19" standard format is outstandingly well-suited for professional live and studio applications. In addition, LD Systems offers an powered crossover that meets the highest standards and stands out because of its excellent sound.





**DPA260RC**

## DPA 260

### 19" DSP CONTROLLER 6-CHANNEL

The LD DPA260 is a 6-channel 19" speaker processor for our VA4 and VA8 array systems. Software Presets for our passive Premium and Stinger G2 series available online.

#### SPECIFICATIONS

Art. No:	LDDPA260
Type:	DSP controller (2 in / 6 out) for line array VA4, Stinger15HP, Stinger G2, Premium Series
Description:	6-channel 19" speaker processor, 32bit DSP, 24bit AD/DA (48 kHz) converter
Inputs:	2 channels analog/digital, L + R, Noise gate, input and output matrix freely assignable, that means you can assign any input to any output and vice versa
Input EQ:	5 Band PEQ, low shelf and high shelf types available
Frequency range:	20 Hz - 20 kHz
outputs:	6 Channels, high/low pass filter, filter type and slope available, 7 band PEQ, low shelf and high shelf types available, limiter with threshold, attack and release parameters
Delay:	Time or meter available, max. delay up to 848 ms
Phase invert function:	USB port, full programmable software included with 24 memory capacity for presets
Display:	2 x 24 character LCD with backlight
Switch mode power supply:	90 V - 250 V AC input range
Dimensions:	19" / 1U / 482 x 445 x 225 mm

# SIGNAL PROCESSING



## X 223 19" POWERED CROSSOVER

The LD X223 is a stereo 2 way / mono 3 way crossover in standard 19"/1U rack format. Its rugged construction, high quality and robust knobs as well as the integrated power unit are rarities in this price range. It provides a mono sub output, an adjustable crossover frequency for each channel, adjustable LF/HF and input gains, phase reverse controls, switchable 40 Hz High-Pass filters and symmetrical XLR In- and outputs. With the LD X223 you get a crossover fulfilling the professional standards and offering great quality and sound characteristics.

### SPECIFICATIONS

Art. No.:	LDX223
Frequency range:	20 Hz - 20 kHz
Dynamic range:	106dB
THD+Noise:	<0.004%
Interchannel crosstalk:	20 Hz - 20 kHz
Inputs:	XLR
Max. input level:	+21 dBu (balanced or unbalanced)
outputs:	Male XLR
Max. output level:	>+21 dBu (balanced or unbalanced)
Dimensions (W x H x D):	482 x 44.5 x 153 mm
Weight:	2.6 kg



## MS 828 9" 8-CHANNEL SPLITTER/MIXER

The LD Systems LDMS828 is a mixer, splitter, and booster amplifier in 19" rack format for flexible live and studio applications.

The MS 828 has one stereo and six mono channels with individual LED level metres; all inputs and outputs are electronically balanced. Two mono channels are equipped with stereo TRS sockets, the other connectors are XLR sockets. The stereo channel has individual volume controls for input and output and a link button for looping through the signal; each mono channel has volume and panorama controls as well as a button that toggles between the splitter and mixer functions.

The MS 828 by LD Systems is impressive not only because of its practical features, but also because of its technical specifications. The broad Frequency range of 5 - 40,000 Hz, a dynamic range of 85 dB, and the extremely low total harmonic distortion of 0.0008% guarantee maximum signal fidelity. The nominal working level of -10 dBV to +4 dBu makes the mixer/splitter suitable for connection to both professional and consumer equipment.

### SPECIFICATIONS

Art. No.:	LDMS828
Type:	8-Channel mixer/ splitter
Channels:	Six mono and one stereo
Input connectors:	Stereo in: 2 x XLR, Mono in: 4 x XLR, 2 x 6.3mm jack
Output connectors:	Stereo out: 2 x XLR, Mono out: 4 x XLR, 2 x 6.3mm jack
Controls:	Main input level, main output level, main link, level channel 1-6, Bal/ Pan channel 1-6, splitter/ mixer channel 1-6, power
Indicators:	Input level LED indicator (6-segment), output level indicator (6-segment), In/ Out level channel 1-6 (6-segment), power
Frequency range:	5 Hz - 40,000 Hz
Dimensions (W x H x D):	483 x 44.5 x 216 mm
Weight:	3 kg

## DS 2.1

### 19" DSP CONTROLLER

The LD DS2.1 is a universal 3-channel DSP controller for 2.1 loudspeaker systems with 24-bit processing and convenient front panel operation providing easy setup and high quality audio performance. Designed for live sound and fixed applications the rack mountable unit offers extensive parameter control of its EQ, crossover, delay and limiter functions. The LD DS2.1 features a 3-band parametric EQ with adjustable Q and high shelf / low shelf selection. The crossover includes Butterworth, Bessel and Linkwitz-Riley filters with 6 dB to 24 dB slopes. Delay time is adjustable to a maximum of 12.5 ms for each of the three outputs and the limiter provides independent threshold and hold time setting for the L / R and subwoofer channels. Presets for our passive Premium and Stinger G2 series available online.



#### SPECIFICATIONS

Art. No.:	LD0S21
Type:	28 bit DSP controller (2 in / 3 out)
AD/DA converter:	24 bit, 48 kHz
DSP functions:	3 band PEQ, low shelf or high shelf types available for all channels, high / low pass filter, filter type and slope available, limiter with threshold and hold time parameters, mute function, up to 12.5 ms delay
Frequency range:	20 - 20,000 Hz
Inputs:	2 channels analog (L / R), balanced XLR
Outputs:	3 channels analog (L / R + Sub), balanced XLR
Display:	2 x 16 character LCD with backlight
Features:	USB port, full programmable software included, 6 user presets
Operating voltage:	90 V - 250 V AC, 50 - 60 Hz
Dimensions:	482 x 44.5 x 160 mm
Weight:	1.8 kg



**INCLUDING  
REMOTE CONTROL  
& CABLE**



## CDMP 1

### MULTIMEDIA PLAYER

#### CD, USB, SD, MP3

This CD / MP3 player is suitable for various PA applications (e.g. in theatres, pubs etc.) and offers the standard features such as continuous repeat, random, MP3 from USB storage media and SD memory cards. It is compatible with audio CDs, audio CD-R and MP3 CDs.

#### SPECIFICATIONS

Art. No.:	LDCDMP1
Installation dimension:	19" / 1 U
Components:	Audio/MP3 CD-player (12 cm disc), USB memory stick input, SD memory card input
Supported formats:	Audio/MP3 CD, MP3-file
Outputs:	2x Stereo analog
Output connectors:	RCA, XLR balanced
Frequency range:	20 - 20,000 Hz
Display:	backlit, multifunctional
Controls:	On/Off, direct access 1 - 0, CD eject, play/break, stop, forerun, Flyback, folder -, folder+, +10, mute, prog, CD/USB/SD, play mode, pitch-, pitch+, voltage selector switch (115 V AC / 230 V AC) output: XLR male / RCA
Dimensions (W x H x D):	482 x 44.5 x 270 mm
Weight:	3.2 kg

# SIGNAL PROCESSING

## HPA 4 HEADPHONE AMPLIFIER 4-CHANNEL



The LDHPA4 has small dimensions, can handle up to 4 headphones and has an output power with no equal in its class. That means high volume with no distortion. With these features the LDHPA4 is an essential tool for every project- and home studio.

### SPECIFICATIONS:

Art. No.:	LDHPA4
Max. output power:	4 x 100 mW
Input impedance:	1 kOhm
Minimum load per channel:	10 Ohms
Input connectors:	2 x RCA, 6.3 mm Phone Jack Stereo
Output connectors:	4 x 6.3 mm Phone Jack Stereo
Controls:	4 x headphone volume control, mono / stereo switch
Indicators:	Power LED
Power requirement:	24 V external AC adapter (included)



## HPA 6 19" HEADPHONE AMPLIFIER 6-CHANNEL

The LD Systems HPA 6 is a highly flexible 1U 19" rack format headphone amplifier with 6 fully independent channels and comprehensive features for a wide range of professional audio monitoring applications. Each channel provides a 6.3 mm TRS headphone output on the front panel with level control, mono/stereo switching, discrete left/right muting and a 6.3 mm TRS Aux input with Main/Aux balance control for mixing in further signal sources. Four-segment LED meters permit visual output level monitoring, and two 6.3 mm TRS outputs per channel on the rear allow for connecting a total of 18 headphones.

The HPA 6's main section features a master level control with eight-segment LED metering and 6.3 mm TRS input to mix in an additional source with all channels. The rear panel provides the main stereo inputs on balanced XLR and 6.3 mm TRS connectors and stereo outputs for daisy chaining multiple units.

### SPECIFICATIONS

Art. No.:	LDHPA6
Type:	Headphone amplifier
Max. output power:	6 x 125 mW
Input impedance:	13 kOhm
Minimum load per channel:	8 ohms
Input connectors:	Front panel: MAIN INPUT TRS 6.3mm stereo, AUX IN TRS 6.3mm Stereo. Rear Panel: Power Input IEC Class 1 connector, 2 x XLR Balanced Female (MAIN INPUT LEFT&RIGHT) 6 2 x TRS 6.3mm Balanced/Unbalanced
Output connectors:	Front Panel: 6 x HEADPHONE OUT TRS 6.3mm Stereo. Rear Panel: 12x HEADPHONE OUT TRS 6.3mm Stereo, Link out 2 x XLR Male Balanced (Main output Left & Right).
Controls:	Signal input level (Master), MIX (MAIN, AUX) each channel, OUTPUT LEVEL each channel
Indicators:	Power (green), VU (green, yellow, red), Mono/Stereo (yellow), MUTE L & MUTE R (red each)
Power requirement:	115 V AC / 230 V AC (switchable) max. 40 W consumption
Weight:	3 kg

## HPA 1

### AMPLIFIER FOR HEADPHONES AND WIRED IEM



The LD Systems HPA 1 is a versatile headphone amplifier with high power output for stage, studio and home recording and is the perfect solution for wired in-ear-monitoring.. The compact device in a rugged, ergonomically shaped plastic housing with soft-touch surface and practical belt clip is very extensively equipped.

In addition to locking XLR connectors for the stereo signal L/R input, the HPA 1 has a balanced 3.5 mm stereo jack as AUX input, which can be used in parallel for clicks or playback. It is protected for safe operation against excessive input levels; a hollow pin socket with negative internal contact enables the connection of a network adapter for fixed operation. A 3.5 mm stereo jack is provided as earphone and headphone output. Volume level and balance can be set with easy-grip knobs, a push-button switches between the summed mono and stereo signals. A full-fledged limiter is integrated for distortion-free playback and as protection against feedback.

The LD Systems HPA 1 has bi-colour LEDs to facilitate the features overview, which displays the response of the limiter during peaks and the battery status. At 165 grams, the headphone amplifier is distinctly light-weight and can be operated for up to 12 hours thanks to a high quality 9 V block battery.

#### SPECIFICATIONS:

Art. No.:	LDHPA1
Power Output (1% THD @ 33 Ohm Load):	2 x 1.65 Wrms
Input impedance:	10,000 Ohms (3.5 mm jack) , 6,000 Ohms (XLR In)
Minimum connected impedance:	16 Ohms (per channel)
Input connectors:	3.5 mm stereo jack (AUX In), XLR-F (L + R Input, balanced)
Headphones outputs:	3.5 mm TRS
Controls:	Balance L/R, Stereo/Mono (Focus) switch, Power / Volume
Indicators:	Battery (low battery: red), Power LED (Power ON: green), Peak (Amber), Signal (green)
Dimensions (W x H x D):	80 mm x 42.5 mm x 133 mm
Weight:	0.155 kg

## PPA 2

### PHONO PREAMPLIFIER AND EQUALIZER



The LD Systems PPA 2 is a very compact analogue phono preamplifier, which equalises the extremely low output signal of conventional turntables to RIAA standards.

It allows you to connect to devices without any phono input, such as mixers, PA power amplifiers or sound cards.

#### SPECIFICATIONS:

Art. No.:	LDPPA2
Input impedance (kOhms):	47 kOhm
Input impedance:	1 kOhm
Output impedance:	50 Ohm(s)
Input connectors:	Earth terminal, 2 x RCA
Line output connectors:	6.3 mm TRS, 2 x RCA
Indicators:	Power LED
Operating voltage:	External Power Supply, 12 V DC
Dimensions (W x H x D):	104 x 36 x 67 mm
Weight:	0.28 kg

## LDI 02

### DI BOX POWERED



Powered DI box in sturdy metallic blue/silver aluminium and steel housing with corner protectors, internal 9 V battery (indicator blinks during operation) which is automatically switched off when phantom power is used (indicator is on continuously). Extremely low battery consumption, 9 V battery not included.

#### SPECIFICATIONS:

Art. No.:	LDI02
Channels / Inputs:	1 / 2
Input impedance:	47 kOhm
Input connectors:	6.3 mm jack , XLR
Max. input level:	+ 10 / + 30 dBu dBu
Input impedance:	1 M Ohm(s)
Output connectors:	XLR
Frequency response:	20 - 20.000 Hz
THD:	< 0.0015 % @ 1 kHz
Operating voltage:	+48 V phantom power , 9 V block
Dimensions (W x H x D):	135 x 128 x 53
Weight:	0,645 kg



# FX 300

2-CHANNEL PEDAL WITH 16 DIGITAL EFFECTS

## easy sound shaping for your gigs

- Microphone input for dynamic and condenser microphones
- 16 digital effect presets in 16-bit quality
- Low-noise instrument input with high input impedance for acoustic guitars, bass guitars or other instruments
- Separate FX sends for both channels, additional FX loop for the instrument input
- HPF and +48 V phantom power for microphone input
- Signal/peak LEDs for both channels and clip LED for the effects
- FX MUTE pedal for muting effects
- MUTE ALL pedal for muting outputs
- Balanced and unbalanced output
- Operated on 9 V battery or optional power supply (LDFX300PS)





## FX 300

### 2-CHANNEL PEDAL WITH 16 DIGITAL EFFECTS

For a singer-songwriter performing on stage or giving a concert in a living room, sound is everything.

LD Systems FX 300 will blow you away right from the moment you start your show, even if you've had little to no time to carry out a soundcheck. This small yet handy device not only serves as an effect pedal for altering the sound of your voice and instrument but is also an easy-to-use two-channel mixer. Its best feature by far are the pedals that let you control the mute functions with your feet or hand. And if you've got something to say, you can simply mute all effects with the FX MUTE pedal so your voice can be heard loud and clear without any reverb or delay and everyone in the room can understand your message. To prevent the signal of your microphone or instrument from reaching the outputs, all you need to do is tap the MUTE ALL pedal - a lifesaver during breaks or when wrapping up your set.

The FX 300 is outfitted with 16 digital effects presets in 16-bit quality, two inputs with a separate gain setting and a balanced and unbalanced output. The +48 V phantom power provided at the microphone input allows condenser microphones to be used in addition to dynamic microphones. The high-impedance, low-noise instrument input is not only great for acoustic or bass guitars but also for all other instruments. Plenty of headroom ensures you no longer have to worry about distorted signals. And with a 9 V battery that lasts up to five hours, LD Systems FX 300 has got you covered even if there's no outlet in sight.

#### SPECIFICATIONS:

Art. No.:	LDFX300
Product type:	Artist Pedal
Channels:	2
Microphone channels:	1
Mic inputs:	XLR/6.3 mm jack
Frequency Response Microphone Channel:	50 - 20000 Hz
Amplification range Microphone channel XLR input:	42 dB
Mono Mic Input Input THD-N:	<0,03%
Impedance XLR input:	6000 Ohm(s)
Phantom power:	+48V DC to XLR Input
Microphone channel Jack input Input type:	electronically balanced
Amplification range Microphone channel Jack input:	20 dB
THD jack input:	<0.045%
Microphone Equalizer:	+5/-8dB @ 8kHz
Microphone channel controls:	FX SEND , Gain , tone
Microphone Channels Display Elements:	channel signal
Instrument inputs:	1
Gain range:	23 dB
Equalizer:	+7/-8dB @ 10kHz
Channel inserts:	1
Controls:	FX SEND , Gain , tone
Indicators:	3-colour LED (SIG) , channel signal

Line outputs:	2
Line output connectors:	6.3 mm TRS , XLR
Output level XLR:	Max. +17dBu, balanced
Impedance XLR output:	150 Ohm(s)
Output level jack output:	Max. +5dBV, unbalanced
Impedance jack output:	40 Ohm(s)
Digital Effects Processor:	Yes
Number of Presets:	16
Main section controls:	DFX Presets , FX MUTE , MIX OUT , MUTE ALL , Power
Display elements Main section:	Effekt-Clip , FX MUTE , MUTE ALL , red LED (FX CLIP)
Operating voltage:	9 V block , External mains adapter 9VDC / 250mA (not included)
Ambient temperature (in operation):	0 - 40° °C
Relative Humidity:	< 80% (non-condensing)
Dimensions (W x H x D):	160 mm x 55 mm x 163 mm
Weight:	channel signal
Features:	Preparation for microphone stand mounting

# VIBZ SERIES

## MIXING CONSOLES WITH DFX AND COMPRESSOR

# the heart of your sound!



With the VIBZ Series, LD Systems introduces a range of mixing consoles incorporating all you need for a great sound and professional performance. Features include electronically balanced mic/line channels with XLR and TRS inputs and phantom powering, dedicated stereo input channels with mono capability, carefully tailored musical EQ and effects send and return. In addition, the VIBZ Series mixers provide RCA stereo inputs and outputs for playing pre-recorded music and recording your performance, control room outputs for studio monitoring and an impressive 10 Hz – 45 kHz Frequency range. Select models sport a built-in compressor and footswitchable 24-bit digital effects. LD Systems' VIBZ mixing desks are an affordable choice for live gigs, installations and semi-pro recording applications. A microphone stand mounting adapter is available for the 6, 8 and 10 channel mixers.

- Four mixer formats from 6 to 12 input channels
- Main, control room and headphone outputs
- Effects send and return
- Musical 3-band EQ
- Tape in and out
- 10 Hz – 45 kHz Frequency range
- 24-bit digital effects with up to 100 presets
- Built-in compressor (VIBZ 8, 10 & 12)
- Mic stand mounting adapter available as accessory (for VIBZ 6, 8 and 10)





### EFFICIENT GERMAN DESIGN

The VIBZ Series mixing consoles are designed for excellent audio performance in mobile, fixed and home recording applications. The German engineering is evident in the ergonomics and tough construction which combines the light weight of ABS with the strength of metal. Rubber strips underneath provide a secure grip on any surface.



### UNIVERSAL COMPRESSOR

With a smooth, smart action the built-in single knob compressor effectively controls the dynamics of voices, instruments and other input sources.



### POWERFUL EFFECTS

All models in the VIBZ Series include an advanced 24-bit digital effects processor with up to 100 presets to enhance your mix and performance.



### SONIC TRANSPARENCY

Engineers and musicians alike will appreciate the VIBZ Series' transparent, natural-sounding mic preamps and the musical EQ.



### FULL CONTROL

Packed with professional features LD Systems VIBZ mixers put you in full control of your sound. They provide 3-band EQ on mono and 2-band EQ on stereo channels, FX send and return, 48V phantom power and 2-track inputs and outputs. The 6, 8 and 10 channel models come with a locking external power supply, the 12 channel version sports a built-in power supply.

# VIBZ SERIES

MIXING CONSOLES WITH DFX AND COMPRESSOR



ALSO AVAILABLE  
WITHOUT  
DFX SECTION  
(VIBZ 6)

## VIBZ 6 D

6 CHANNEL MIXING CONSOLE  
WITH DFX



## VIBZ 8 DC

8 CHANNEL MIXING CONSOLE  
WITH DFX AND COMPRESSOR



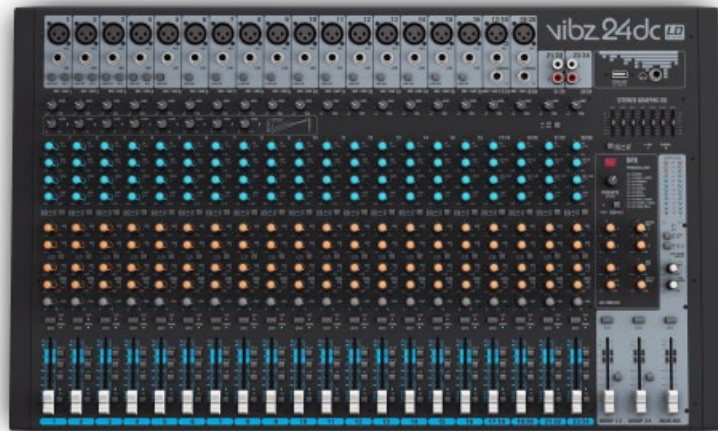
## VIBZ 10 C

10 CHANNEL MIXING CONSOLE  
WITH COMPRESSOR



## VIBZ 12 DC

12 CHANNEL MIXING CONSOLE  
WITH DFX AND COMPRESSOR



## VIBZ 24 DC

24 CHANNEL MIXING CONSOLE  
WITH DFX AND COMPRESSOR



## SPECIFICATIONS:

Item number:	LDVIBZ6D / LDVIBZ6	LDVIBZ80C	LDVIBZ10C	LDVIBZ120C	LDVIBZ240C
Channels stereo (mono):	6 (2)	8 (4)	10 (4)	12 (4)	24 (4)
Frequency range mono mic input:	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz
Amplification range mono mic input:	0 - +50 dB	0 - +50 dB	0 - +50 dB	0 - +50 dB (channel 1-4)	0 - +50 dB
S/N ratio:	113 dB	113 dB	113 dB	113 dB	113 dB
Mono line input type:	Electronically balanced	Electronically balanced	Electronically balanced	Electronically balanced	Electronically balanced
Mono line input frequency range:	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz	10 - 45,000 Hz
Amplification range mono line input:	0 - +50 dB	0 - +50 dB	0 - +50 dB	0 - +50 dB	0 - +50 dB
Controls mono mic and line input channels:	3-band EQ (high, mid, low), gain, channel volume, AUX post, pan	AUX (DFX) post, 3-band EQ (high, mid, low), compressor (channel 1+2), pan, channel volume, low cut (75 Hz), gain	Gain, compressor, AUX (DFX) post, 3-band EQ (high, mid, low), pan, low cut (75 Hz), channel volume	AUX 2 (DFX) post, AUX 1 switchable pre/post, compressor, low cut (75 Hz), 3-band EQ (high, mid, low), gain, DFX/AUX 1, PFL	Bal, channel fader, LINE/USB -switch (channel 21 - 24), gain, AUX send 1-2 (AUX2 pre/post switchable), PFL / solo switch, fader routing switch (group 1/2, group 3/4, main L+R), 3-band EQ (high, mid, low), AUX send 3-4 (post)
Phantom power:	+48 V DC switchable	+48 V DC switchable	+48 V DC switchable	+48 V DC switchable	+48 V DC switchable
<b>Main section</b>					
AUX / effects send channels:	1	1	1	2	4
AUX / effects send connectors:	6.3 mm stereo jack unbal.	6.3 mm stereo jack unbal.	6.3 mm stereo jack unbal.	6.3 mm TRS	6.3 mm TRS
Stereo AUX return channels:	1 x stereo	1 x stereo	1 x stereo	1 x stereo	1 x stereo
AUX / effects send connectors:	2 x 6.3 mm TRS	2 x 6.3 mm TRS	6.3 mm TRS	6.3 mm TRS	6.3 mm TRS
Stereo tape output channel:	1 x stereo	1 x stereo	1 x stereo	1 x stereo	n.a.
Stereo tape out connectors:	2 x RCA (cinch)	2 x RCA (cinch)	2 x RCA (cinch)	2 x RCA (cinch)	n.a.
Stereo tape input channel:	1 x stereo	1 x stereo	1 x stereo	1 x stereo	n.a.
Stereo tape in connectors:	2 x RCA (cinch)	2 x RCA (cinch)	2 x RCA (cinch)	2 x RCA (cinch)	n.a.
Group out connectors:	n.a.	n.a.	n.a.	2 x 6.3 mm TRS	4 x 6.3 mm TRS
Unbalanced stereo main outputs:	1	1	1	1	1
Unbalanced stereo main out impedance:	120 ohm	120 ohm	120 ohm	120 ohm	120 ohm
Max. unbalanced stereo main out level:	+20 dBu	+20 dBu	+20 dBu	+23 dBu	+22 dBu
Stereo control room outputs:	1	1	1	1	1
Digital effects processor:	Yes, 24-bit AD/DA resolution (not available on LDVIBZ6)	Yes, 24-bit AD/DA resolution	n.a.	Yes, 24-bit AD/DA resolution	Yes, 24-bit AD/DA resolution
No. of presets:	16/n.a.	100	n.a.	100	100
Main section controls:	2-track assignment (main, contr. room), 2-track in volume, stereo return volume, phantom power, master volume, phones / control room volume	DFX to main volume, master volume, stereo return volume, DFX mute switch, phantom power, DFX presets, phones / control room volume	master volume, phones / control room volume, phantom power, 2-track in volume, stereo return volume, 2-track assignment (main, control room)	PFL, presets, master volume, DFX to AUX volume, AUX send volume, DFX mute switch, power, volume control CTRL / phones, group 1-2 assignment to main mix, DFX to main volume, 2-track in volume, CTRL / phones assignment (main/group 1-2), phantom power, stereo return to AUX volume, 2-track assignment (main, contr. room), stereo return to main volume, group 1-2 volume	Phantom power, DFX to main, phones/ CTRL fader, AUX/DFX send 1 - 4, DFX to AUX, mains switch, group to main -switch, 7-band graphic EQ, EQ on/off, DFX presets, main mix fader, TK in to main/to CTRL, DFX mute

## AVAILABLE ACCESSORIES:

**LDVIBZMSADAPTOR** MICROPHONE STAND ADAPTER FOR VIBZ 6, 8 & 10



# ZONE SERIES

PERFECT AND FLEXIBLE CONTROL CENTRE SOLUTIONS

## your signal is on the **right path!**

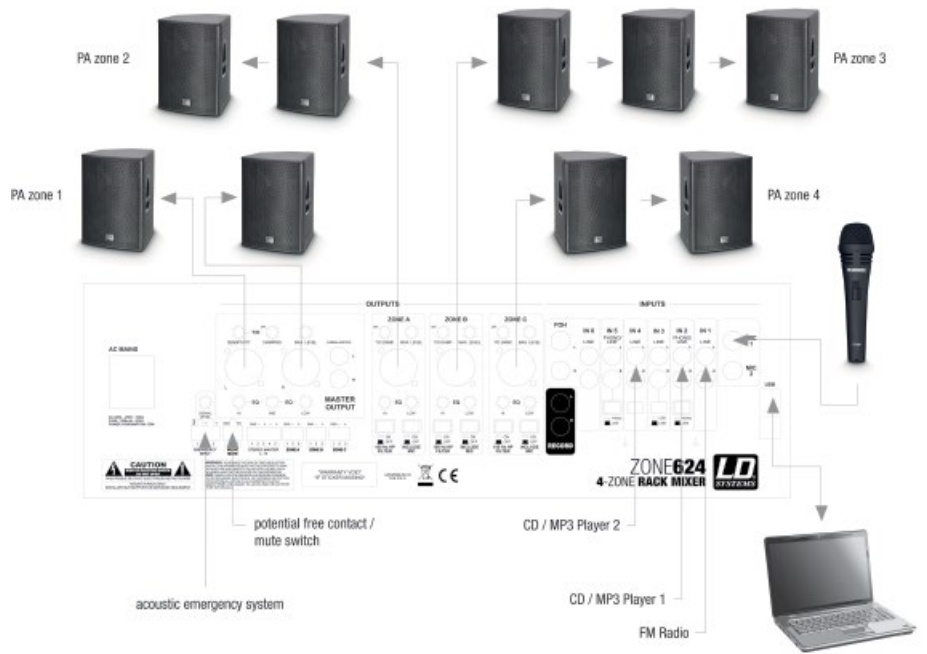
Designed to distribute music and announcements to separate rooms, the ZONE Series rackmount mixers provide extensive system control in multi-zone installations. With a host of facilities including independent zone level and EQ controls and the ability to accept emergency paging signals, LD Systems' ZONE Series mixers are the ideal choice for multiroom audio systems.

- Fully featured zone mixers for multiroom audio installations
- 2 mic channels plus line and AUX inputs for a wide range of sources
- Emergency paging inputs
- Extensive level and EQ control
- Extremely versatile and easy to operate



**MULTIROOM AUDIO INSTALLATION**

Due to its extensive connectivity the ZONE series is the extremely flexible control centre solution for PA systems in food outlets, clubs, hotels, fitness centres, and is also excellent for presentations and DJs.



**MAXIMUM CONTROL**

The stereo input channels of the ZONE series have a cue button and volume control signal display, and the channels 1-5 have an additional gain trimmer. The stereo and mono output sections have their own meters, EQ, trimmer for adjusting the maximum output level.



**WIDE RANGE OF SOURCES**

In addition to the two balanced microphone inputs with variable Gain and Talkover level, 12V-phantom power, and a shared EQ, the ZONE series offers Line, and Aux-stereo connections in RCA format, a FOH-input with balanced stereo jack plugs as well as a 3.5mm mini jack and a USB port turning your ZONE series mixer into an external audio interface.

**RING THE ALARM**

The ZONE series is a particularly compact zone mixer series with 6 line and 2 microphone channels, that can be assigned to a stereo or a mono master output. The devices have all the essential functions, inputs for an external emergency announcement system with its own volume control, and a connection to the remote-controlled switching mute.

# ZONE SERIES

PERFECT AND FLEXIBLE CONTROL CENTRE SOLUTIONS



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**ZONE 624**  
19" 4-ZONE MIXER 3U



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**ZONE 423**  
19" 2-ZONE MIXER 2U



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**ZONE 622**  
19" 2-ZONE MIXER 1U

**SPECIFICATIONS:**

Art. No.:	LDZONE624	LDZONE423	LDZONE622
Type:	Stereo Zone Mixer	Stereo Zone Mixer	Stereo Zone Mixer
Number of zones:	4 (Master, Zone A-C)	2 (Master, Zone)	2 (Master, Zone)
Installation height:	3U	2U	1U
Frequency range:	20 - 40,000 Hz	20 - 40,000 Hz	20 - 40,000 Hz
Input channels:	8 (2 x Mic, 1x AUX/Line, 2 x Phono/Line, 2 x Line, 1 x FOH/Line)	6 (2 x Mic, 1 x Line/Aux, 2 x Line/Phono, 1 x Line/FOH)	8 (2 x Mic, 2 x Mic/Line, 3 x Line, 1 x FOH)
Line outputs:	5 (Master - Stereo, 3x Zone - Mono, Rec - Stereo)	3 (Master - Stereo, Zone - Stereo/Mono, Rec - Stereo)	3 (Master - Stereo, Zone - Mono, Rec - Stereo)
Output connectors master:	terminal block, 2 x XLR (balanced), RCA (x2)	RCA (x2), terminal block, 2 x XLR (balanced)	terminal block, RCA (x2), 6.3 mm stereo jack (2 x balanced)
Zone output connectors:	terminal block, XLR (balanced)	terminal block, RCA (x2), 2 x XLR (balanced)	6.3 mm stereo jack (balanced), terminal block
Dimension (W x H x D):	485 x 132 x 210 mm	485 x 89 x 210 mm	485 x 44 x 179 mm
Weight:	4.4 kg	3.3 kg	2.4 kg
Features:	Phantom power 12 V, Talkover, 100 Hz High Pass, Emergency input, Zone EQ, Master EQ, Microphone EQ, max. level for outputs	Phantom power 12 V, Talkover, 100 Hz High Pass, Emergency input, Zone EQ, Master EQ, Microphone EQ, max. level for outputs	Phantom power 12 V, Talkover, Emergency input, Zone EQ, Master EQ, Microphone EQ, max. level for outputs



# WIRED MICROPHONES



## **BM 1** BOUNDARY LAYER MICROPHONE

- Linear frequency range
- Small dimensions
- Uniform pickup angle
- Extremely rugged housing
- Foam rubber sheet on base for noise isolation
- Phantom power via mixer or phantom power unit
- 6 m mini XLR to XLR standard connection cable included

### SPECIFICATIONS

Art. No.:	LDBM1
Type:	Back electret
Pattern:	cardioid
Frequency range:	50 - 20,000 Hz
Rated impedance:	250 $\Omega$ $\pm$ 30 % (at 1 kHz)
MaxSPL:	135 dB (THD < 0.5 % 1000 Hz)
Dynamic range:	113 dB
Signal-to-Noise ratio:	73 dB
Power requirements:	Phantom power 48 V DC
Connector:	3-Pin XLR
Dimensions (W x H D):	74.5 x 27 x 93.5 mm
Weight:	345 g
Accessories included:	Cable: Mini XLR / XLR (6 meters)





### **D 1015 CMB** BASE FOR D1015CM MICROPHONE

The D1015CMB metal base ensures secure positioning of gooseneck microphones and offers a female 3-pole XLR connector on the top side and a 3-pole XLR male connector on the back.



### **D 1015 CM** CONDENSER GOOSENECK MICROPHONE WITHOUT BASE

The slim and flexible design of the D1015CM gooseneck microphone with its professional, highly sensitive and uni-directional condenser element makes it perfect for all situations in which the spoken word must be understood clearly.

#### **SPECIFICATIONS**

Art. No.:	D1015CM
Type:	Back electret condenser
Pattern:	Uni-directional
Frequency range:	50 Hz - 20,000 Hz
Low-cut switch:	150 Hz
Rated impedance:	250 Ω
Connector:	3-Pin XLR
Power requirements:	Phantom power 9-52 V DC
Gooseneck length:	350 mm

# U500<sup>®</sup> SERIES

UHF WIRELESS MICROPHONE SYSTEM

## loving U!



We have developed the U500<sup>®</sup> Series and incorporated some of your suggestions to provide sophisticated and affordable wireless systems that are tailored to suit the needs of professional users. Whether for voice, instruments or as a wireless conference system, sets from the U500<sup>®</sup> Series will meet your expectations of quality sound, reliability and ease of operation.

- Professional wireless microphone and instrument systems
- Interchangeable dynamic and condenser microphone heads
- 100 meter transmission range and switchable output (2, 10 or 30 mW)
- Low energy consumption and high contrast OLED displays
- Distortion free sound thanks to precise gain control up to -27 dB
- Bodypack receivers with extended low end for bass guitars
- Automatic channel scan and easy one-touch infrared frequency sync
- Pilot tone squelch circuit prevents from broadband noise



U500® SERIES



**INTERCHANGEABLE MIC HEADS**

Tune your handheld transmitter with interchangeable microphone heads! Four screw-on dynamic and condenser capsules are available with cardioid or hypercardioid patterns to cover virtually all voice characteristics and applications.

**WE DO THE HARD WORK**

Automatic channel scanning allows quick and easy selection of interference-free radio frequencies. Receiver and transmitter are synced via infrared in a convenient one touch operation.

**GAIN CONTROL**

The handheld and bodypack transmitters feature a gain control putting level adjustment right at your fingertips. The screw-on dynamic and condenser microphone capsules are easily interchangeable.

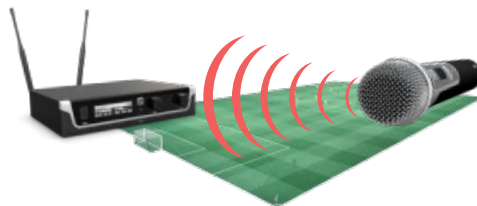


**PILOT TONE FOR NOISE-FREE OPERATION**

Inaudible for the human ear a pilot tone is added to the transmitter signal. To prevent noise from interfering signals the receiver is automatically muted if it detects no pilot tone to prevent noise from interfering signals. Transmission power is switchable to 2, 10 or 30 mW.

**ALL THE WAY ACROSS A FOOTBALL PITCH**

With a line-of-sight operating range of more than 100 metres, U500 systems cover the length of a football pitch! The transmitter's very low current draw allows up to 10 hours of continuous operation with a pair of AA batteries.



**OLED DISPLAY**

U500® Series components feature high-contrast OLED displays for easily readable status indication even under adverse conditions. Designed and engineered in Germany, U500 systems provide maximum performance and reliability.

**READY TO GO**

All U500® systems come with a rugged ABS transport case to hold and protect your wireless mic. Ready to go, ready to gig!



# U500<sup>®</sup> SERIES

## UHF WIRELESS MICROPHONE/INSTRUMENT SYSTEM



**U5XX\* HHC**  
WIRELESS MICROPHONE SYSTEM  
WITH CONDENSER HANDHELD MICROPHONE



**U5XX\* BPH**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND BLACK HEADSET



**U5XX\* HHD**  
WIRELESS MICROPHONE SYSTEM  
WITH DYNAMIC HANDHELD MICROPHONE



**U5XX\* BPHH**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND SKIN-COLOURED HEADSET



**U5XX\* BPL**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND LAVALIER MICROPHONE



**U5XX\* BPG**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND GUITAR CABLE



**U5XX\* BPW**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND BRASS INSTRUMENT MICROPHONE



U500<sup>®</sup> SERIES



**U5XX\* HHC2**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X CONDENSER HANDHELD MICROPHONES



**U5XX\* HDD2**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X DYNAMIC HANDHELD MICROPHONES



**U5XX\* BPH2**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X BODYPACKS AND 2 X HEADSETS



**U5XX\* BPHH2**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X BODYPACKS AND 2 X HEADSETS SKIN-COLOURED



**U5XX\* BPL2**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X BODYPACKS AND 2 X LAVALIER MICROPHONE



**U5XX\* HBH2**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK, HEADSET AND DYNAMIC HANDHELD MICROPHONE

\*Replace the XX with the desired version underneath to choose your frequency band:

- U505 // 584 - 608 MHz // simultaneous operation of 12 systems
- U506 // 655 - 679 MHz // simultaneous operation of 12 systems
- U508 // 823 - 832 MHz + 863 - 865 MHz // simultaneous operation of 6 systems
- U518 // 1785 - 1800 MHz // simultaneous operation of 4 systems

# U500<sup>®</sup> SERIES

## COMPONENTS



### U5XX\* R

RECEIVER

#### SPECIFICATIONS RECEIVER:

Art.No.:	LDU5XXR
Product type:	Receiver
Channels:	96 (8 groups of 12 channels)
Antenna inputs:	2 x BNC
Frequency range:	30 - 16,000 Hz
Noise reduction:	squelch
THD:	< 0,1 %
Signal-to-noise ratio:	> 100dB
Audio output balanced / unbalanced:	XLR / 6.3 mm jack
Controls:	digital encoder, volume, Power On/Off
Indicators:	OLED Display
Operating voltage:	12 - 18 V DC, 12 V DC, 500 mA
Dimensions (W x H x D):	212 x 44 x 159 mm
Weight:	0.85 kg
Accessories (included):	power adapter, Audio cable, 2 x antenna



### U5XX\* R2

DOUBLE RECEIVER

#### SPECIFICATIONS DOUBLE RECEIVER:

Art.No.:	LDU5XXR2
Product type:	Receiver
Channels:	2 x 96 (8 groups of 12 channels)
Antenna inputs:	2 x BNC
Frequency range:	60 - 16,000 Hz
Noise reduction:	squelch
THD:	< 0,1 %
Signal-to-noise ratio:	> 105dB
Audio output balanced / unbalanced:	XLR / 6.3 mm jack
Controls:	digital encoder, volume, Power On/Off, volume headphones
Indicators:	2 x HF level A/B, 2 x multifunction LC display, 2 x audio level
Operating voltage:	12 - 18 V DC, 12 V DC, 500 mA
Dimensions (W x H x D):	483 x 45 x 190 mm
Weight:	2.05 kg
Accessories (included):	2 x antenna, power supply, batteries



### U5XX\* BP

BODYPACK TRANSMITTER

#### SPECIFICATIONS:

Art. No.:	LDU5XXBP
Product type:	Bodypack
Groups:	8
Inputs:	Mini-XLR (3-pin)
Frequency range:	30 - 16,000 Hz
Rated HF output power:	variable (2mW, 10mW, 30mW)
Controls:	menu, set, power on/off
Indicators:	OLED display
Operating voltage:	2 x AA battery
Operating time:	up to 10 h, depending on battery type
Dimensions (W x H x D):	65 x 86 x 23 mm
Weight:	0.09 kg
Other features:	Pilot tone squelch, switchable gain, detachable antenna, switchable RF power, switchable gain



### U5XX\* MC/MD

CONDENSER / DYNAMIC HANDHELD MICROPHONE

#### SPECIFICATIONS:

Art. No.:	LDU5XXMC/MD
Product type:	Handheld transmitter
Microphone type:	dynamic / condenser
Directivity:	cardioid / hypercardioid
Frequency range:	60 - 16,000 Hz
Rated HF output power:	2 mW, 10 mW, 30 mW
Controls:	power on/off, menu, set
Indicators:	OLED display
Operating voltage:	2 x 1.5 V AA
Operating time:	up to 10 h, depending on battery type
Length:	252 mm
Diameter:	52 mm
Weight:	0.25 kg
Other features:	pilot tone, switchable gain, switchable RF power, changeable capsule

# U500® SERIES

## ACCESSORIES



**U500 GC**  
INSTRUMENT CABLE FOR U500® SERIES BODYPACK

**U500 RK**  
RACKMOUNT KIT FOR U500 RECEIVER

**U500 RK2**  
RACKMOUNT KIT FOR TWO U500 RECEIVERS



**U500 CC**  
CARDIOID CONDENSER  
MICROPHONE HEAD



**U500 CH**  
HYPERCARDIOID CONDENSER  
MICROPHONE HEAD



**U500 DC**  
DYNAMIC  
MICROPHONE HEAD



**U500 DH**  
HYPERCARDIOID DYNAMIC  
MICROPHONE HEAD

**SPECIFICATIONS:**

Art. No.:	LDU500CC	LDU500CH	LDU500DC	LDU500DH
Product type:	Microphone Accessories	Microphone Accessories	Microphone Accessories	Microphone Accessories
Microphone type:	Condenser	Condenser	Dynamic	Dynamic
Directivity:	Cardioid	Hypercardioid	Cardioid	Hypercardioid
Sensitivity:	5.6 mV / Pa	5.6 mV / Pa	2.8 mV / Pa	2.4 mV / Pa
Connector:	Screw contact	Screw contact	Screw contact	Screw contact
Colour:	Silver	Black	Black	Black
Length:	70 mm	70 mm	70 mm	70 mm
Diameter:	50 mm	50 mm	51 mm	51 mm
Weight:	0.11 kg	0.11 kg	0.136 kg	0.136 kg
Features:	Gold contacts, customized shock mount	Gold contacts, customized shock mount	Gold contacts, customized shock mount, low-noise FET impedance converter	Gold contacts, customized shock mount, low-noise FET impedance converter

# U500<sup>®</sup> CS4

## 4-CHANNEL WIRELESS CONFERENCE SYSTEM



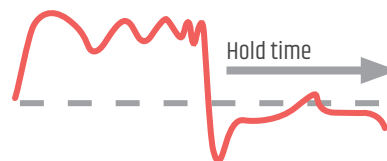
### GAIN CONTROL & LOW CUT

Soft-spoken or powerful, the gain control lets you match the mic level to a speaker's voice. A switchable highpass filter prevents boominess when the speaker is too close to the microphone.



### RECEIVER CASCADING

To extend the number of microphone units the U500 Receiver features audio and data ports for cascading up to five units. Sharing the antennas of the master unit they provide a maximum of 20 channels.



### AUTO & MANUAL GATE

If a microphone unit's signal level falls below the threshold the gate mutes the respective channel to eliminate unwanted noise. Hold time determines how long the noise gate remains open after the input level has dropped below the threshold.

### PILOT TONE FOR NOISE FREE TRANSMISSION

Inaudible for the human ear a pilot tone is added to the transmitter signal. The receiver is automatically muted if it detects no pilot tone to prevent noise from interfering signals.



### INDIVIDUAL AND MIX OUTPUTS

The receiver sports individual XLR outputs for each of the 4 channels plus a mix output. This provides a summed signal of all the channels based on their individual level settings.

### REMOVABLE GOOSENECK MIC

Featuring a luminous indicator ring, the gooseneck condenser microphone is detachable from the desktop base's XLR connector.



### READY FOR REMOTE CONTROL

Providing an RS-232 interface, the receiver enables external control via remote systems.

**U5XX\* CS4**

4-CHANNEL WIRELESS CONFERENCE SYSTEM

**SPECIFICATIONS CONFERENCE RECEIVER:**

Art. No.:	LDU5XXCS4R
Modulation type:	FM
Groups:	6
Channels:	60 (6 x 10)
Antenna inputs:	2
Antenna connectors:	BNC
Frequency range:	60 Hz
Noise reduction:	squelch
THD:	< 0,2 %
Signal-to-noise ratio:	> 100 dB
Audio outputs balanced:	4 x XLR
Audio outputs mix balanced:	XLR
Max. output level:	+12 dBu
Controls:	digital encoder, Power On/Off, RX 1 - 4 quick access buttons
Indicators:	OLED display
Operating voltage:	12 V DC, 1,000 mA
Width receiver:	484 mm
Height receiver:	44 mm
Depth receiver:	243 mm
Weight receiver:	2 kg

**CONFERENCE MICROPHONE BASE:**

Art. No.:	LDU5XXCST
Channels:	6 (6x10)
Groups:	6
Inputs:	XLR
Frequency range:	60 - 16000 lx @ 1mHz
Signal-to-noise ratio:	> 100 dB
Rated HF output power:	10 mW
Controls:	low cut, power / mute, gain
Indicators:	LED, OLED display
Operating voltage:	2 x AA battery
Operating time:	>8 h (with alkaline batteries)
Width:	115 mm
Height:	54 mm
Depth:	135 mm
Weight:	0,73 kg

**GOOSENECK MICROPHONE:**

Art. No.:	LDU500GM530CC
Colour:	Black
Capsule:	Back electret condenser
Frequency range:	30 - 18.000 Hz
Directivity:	cardioid
Rated HF output power:	10 mW
Nominal impedance:	2000hm(s)
Phantom power:	11 - 52V DC
Microphone input:	XLR /3-pin, gold plated)
Length:	456 mm
Weight:	0,15 kg

\*Replace the X with 5, 6 or 8 to choose your desired frequency band:

U505 CS4 // 554 - 586 MHz  
 U506 CS4 // 662 - 694 MHz  
 U508 CS4 // 823 - 832 MHz + 863 - 865 MHz





# U300<sup>®</sup> SERIES

UHF WIRELESS MICROPHONE SYSTEM



reddot award 2019  
winner

## Nothing compares to **U!**

When you're expressing yourself on stage, it's all about you. The wireless U300 allows you to enjoy the freedom of unleashed individual live action. Perform your incomparable voice in the highest quality and even achieve the distinctiveness of your guitar, bass or brass sound. Because nothing compares to U.

- Diversity UHF wireless system with FM technology
- 12 selectable channels
- 100 m transmission range in ideal conditions
- Simultaneous operation of up to 6 systems
- ASC infrared transmitter and receiver syncing
- Pilot tone squelch
- 10 h transmitter operation on two AA batteries
- Metal housing
- Optional rackmount kit available as accessory



U300® SERIES



**INTERCHANGEABLE MIC HEADS**

Tune your handheld transmitter with interchangeable microphone heads! Four screw-on dynamic and condenser capsules are available with cardioid or hypercardioid patterns to cover virtually all voice characteristics and applications.



**YOUR VOICE DESERVES U**

The U300 series by LD Systems is the perfect introduction to wireless microphones. High end components guarantee optimal audio transmission and reliable operation. Available in different frequency bands the U300 series permits operation in most countries with no registration or licensing required.



**COMMUNICATION IS THE KEY**

The receiver and the transmitter of the U300 series are keen on communicating frequency issues. Simply select a channel on the receiver, press the ASC button, this frequency is then transmitted conveniently from receiver to transmitter via an infrared link procedure.

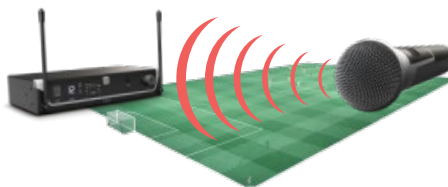


**TRUST THE PILOT**

The pilot tone squelch is a very high audio frequency undetectable to human ear that provides additional transmission security. The audio signal at the receiver is muted as long as there is no pilot tone coming from the transmitter. If the receiver detects the pilot tone, the audio signal is unmuted. This professional feature ensures an interference free operation at all times.

**ALL THE WAY ACROSS A FOOTBALL PITCH**

With a line-of-sight operating range of more than 100 metres, U300 wireless microphone systems cover the length of a football pitch! The transmitter's very low current draw allows up to 10 hours of continuous operation with a pair of AA batteries.



UP TO 10 HOURS

**SAVING ENERGY**

Thanks to its reliable technology and high end components the U300 series has a very low power consumption allowing up to 10 hour operation with 2 standard AA batteries.

# U300<sup>®</sup> SERIES

WIRELESS MICROPHONE/INSTRUMENT SYSTEM



**U3XX\* HHD**  
WIRELESS MICROPHONE SYSTEM  
WITH DYNAMIC HANDHELD MICROPHONE



**U3XX\* BPH**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND HEADSET



**U3XX\* BPG**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND GUITAR CABLE



**U3XX\* BPW**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND BRASS INSTRUMENT MICROPHONE



**U3XX\* BPL**  
WIRELESS MICROPHONE SYSTEM  
WITH BODYPACK AND LAVALIER MICROPHONE



**U3XX\* HHD 2**  
DUAL - WIRELESS MICROPHONE SYSTEM  
WITH 2 X DYNAMIC HANDHELD MICROPHONE



**U3XX\* BPH 2**  
DUAL - WIRELESS MICROPHONE SYSTEM  
WITH 2 X BODYPACK AND 2 X HEADSET

\*Replace the XX with the desired version underneath to choose your frequency band:

U3047 // 470 - 490 MHz  
 U3051 // 514 - 542 MHz  
 U305 // 584 - 608 MHz  
 U306 // 655 - 679 MHz  
 U308 // 823 - 832 MHz + 863 - 865 MHz

# U300<sup>®</sup> SERIES

## COMPONENTS



### U3XX\* R

RECEIVER

#### SPECIFICATIONS RECEIVER:

Art.No.:	LDU3XXR
Product type:	Receiver
Modulation Type:	FM
Channels / Groups:	12 / 1
Frequency response:	25 - 16,000 Hz
Noise reduction:	Squelch
Transmission optimization:	Pilot tone
THD:	< 0.3 %
Signal-to-noise ratio:	104 dB
Audio output, balanced / unbalanced:	XLR / 6.3 mm jack, switchable unbalanced output level
Max. output level:	+10 dBu (Bal), +7 dBV (Unbal, Line), +2,5 dBV (Unbal, Instr) dBu
Controls:	ASC Sync, Channel down, Channel up, Line/Instrument Level, Power, volume
Indicators:	5 LED VU meters, Antenna A/B, LC display
Dimensions (W x H x D):	211 x 43 x 120 mm
Accessories (included):	2 x AA battery, Audio cable, Power supply



### U3XX\* R2

DUAL RECEIVER

Art.No.:	LDU3XXR2
Product type:	Receiver
Modulation Type:	FM
Channels / Groups:	12 / 1
Frequency response:	35 - 16,000 Hz
Noise reduction:	Squelch
Transmission optimization:	Pilot tone
THD:	< 0.3 %
Signal-to-noise ratio:	104 dB
Audio output, balanced / unbalanced:	3 x XLR / 6.3 mm jack, switchable unbalanced output level
Max. output level:	+10 dBu (Bal), +7 dBV (Unbal, Line), +2,5 dBV (Unbal, Instr) dBu
Controls:	2 x Volume, Channel down, Channel up, Line/Instrument Level, Power On/Off
Indicators:	5 LED VU meters, Antenna A/B, LC display
Dimensions (W x H x D):	410 x 43 x 120 mm
Accessories (included):	2 x AA batteries, Power supply, Rack kit



### U3XX\* BP

BODYPACK TRANSMITTER

#### SPECIFICATIONS:

Art. No.:	LDU3XXBP
Product type:	Bodypack
Channels / Groups:	12 / 1
Inputs:	Mini-XLR (Phantom Powered Low-Z / High-Z Instrument)
Frequency response:	25 - 16,000 Hz
Signal-to-noise ratio:	104 dB
Rated HF output power:	10 mW
Controls:	Gain (3-way switch), Power On/Off
Indicators:	ASC IR Sync (Green/Amber Blinking LED), Battery (low battery: red), Power LED (Power ON: green)
Operating time:	>10 h
Dimensions (W x H x D):	65 x 91 x 25 mm
Weight:	0.085 kg
Other features:	Belt clip, IR frequency synchronisation, Pilot tone



### U3XX\* MD

DYNAMIC HANDHELD MICROPHONE

#### SPECIFICATIONS:

Art. No.:	LDU3XXMD
Product type:	Microphone
Microphone type:	Dynamic
Directivity:	Cardioid
Frequency response:	55 - 16,000 Hz
Rated HF output power:	10 mW
Controls:	Power On/Off
Indicators:	ASC IR Sync (Green/Amber Blinking LED), Battery (low battery: red), Power LED (Power ON: green)
Operating time:	>10 h
Length:	257 mm
Diameter:	50 mm
Weight:	0.235 kg
Other features:	Belt clip, IR frequency synchronisation, Pilot tone

# U300® SERIES

## ACCESSORIES



### U500 GC

INSTRUMENT CABLE FOR U® SERIES BODYPACK



### U300 RK

RACKMOUNT KIT FOR U300® RECEIVER



### U500 CC

CARDIOID CONDENSER  
MICROPHONE HEAD



### U500 CH

HYPERCARDIOID CONDENSER  
MICROPHONE HEAD



### U500 DC

DYNAMIC  
MICROPHONE HEAD



### U500 DH

HYPERCARDIOID DYNAMIC  
MICROPHONE HEAD

#### SPECIFICATIONS:

Art. No.:	LDU500CC	LDU500CH	LDU500DC	LDU500DH
Product type:	Microphone Accessories	Microphone Accessories	Microphone Accessories	Microphone Accessories
Microphone type:	Condenser	Condenser	Dynamic	Dynamic
Directivity:	Cardioid	Hypercardioid	Cardioid	Hypercardioid
Sensitivity:	5.6 mV / Pa	5.6 mV / Pa	2.8 mV / Pa	2.4 mV / Pa
Connector:	Screw contact	Screw contact	Screw contact	Screw contact
Colour:	Silver	Black	Black	Black
Length:	70 mm	70 mm	70 mm	70 mm
Diameter:	50 mm	50 mm	51 mm	51 mm
Weight:	0.11 kg	0.11 kg	0.136 kg	0.136 kg
Features:	Gold contacts, customized shock mount	Gold contacts, customized shock mount	Gold contacts, customized shock mount, low-noise FET impedance converter	Gold contacts, customized shock mount, low-noise FET impedance converter



# WIN 42 SERIES

TRUE DIVERSITY PROFESSIONAL WIRELESS SYSTEMS

## professional wireless systems.

Operating in the 734 - 776 Mhz band, the professional WIN 42 Series true diversity wireless includes a total of 1,680 UHF channels, infrared syncing and selectable RF output up to 50 mW. With lightweight beltpack transmitters, single and dual receivers and a selection of handheld, clip-on and headset microphones, the WIN 42 Series provides unrestricted movement while delivering crystal clear vocals and instrument sounds with extended Frequency range.

- Professional true diversity wireless microphone systems
- Extended transmission range and Frequency range
- Up to 50 mW RF output and 1680 UHF channel
- Dynamic, condenser, headset, lapel and horn clip-on microphones



WIN 42 SERIES

**WIRELESS MICROPHONE AVAILABLE WITH THREE FREQUENCY RANGES:**

Standard: 734 - 776 MHz  
 B5: 516 - 558 MHz



**THE RIGHT SOLUTION FOR ANY LIVE APPLICATION**

Up to 20 wireless microphone systems simultaneously thanks to 1680 freely selectable frequencies. The system offers 20 groups with 577 fixed frequencies and 255 selectable addresses.

**FUTURE READY**

The WIN 42 true diversity wireless microphone systems work in two different professional UHF frequency ranges: 734 - 776 MHz and 516 - 558 MHz (B5 models).



**SIMPLE IS BETTER**

The threaded connection allows to swap the microphone head of the handheld transmitter from dynamic to condenser and vice versa quickly and easily.



**WE DO THE JOB FOR YOU**

The "Channel Scan" function assists you in finding and tuning to a transmission frequency without interference. This frequency is then transmitted simply and conveniently from receiver to transmitter via an infrared link



**PROFESSIONAL FEATURES**

Transmitter battery status indicator on receiver, "Mute on/off" from receiver, 4 EQ presets from receiver, 3 settings for the transmitting power (10, 30, 50 mW), Audio sensitivity adjustable, Squelch/EQ/Naming adjustable, menu lock function, Audio/Volume/Radio level indication.

**LOW ENERGY CONSUMPTION**

Up to 14 hours operation with 2 standard AA batteries.

# WIN 42 SERIES

TRUE DIVERSITY PROFESSIONAL WIRELESS SYSTEMS



**WIN 42 BPH (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH BELT PACK AND HEADSET



**WIN 42 HDD (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH DYNAMIC HANDHELD MICROPHONE



**WIN 42 HHC (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH CONDENSER HANDHELD MICROPHONE



**WIN 42 BPH2 (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X BELT PACK AND 2 X HEADSET



**WIN 42 HDD2 (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X DYNAMIC HANDHELD MICROPHONE

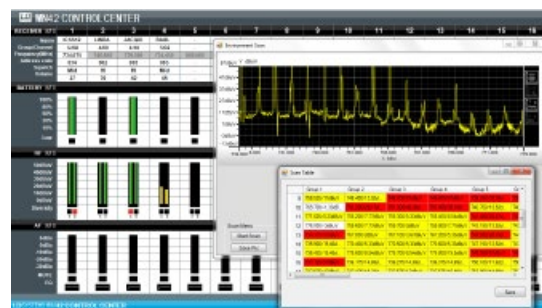


**WIN 42 HHC2 (B5)**  
WIRELESS MICROPHONE SYSTEM  
WITH 2 X CONDENSER HANDHELD MICROPHONE



**WIN 42 HUB**  
CONTROLLER HUB  
FOR WIN42 WIRELESS SYSTEMS

INCLUDING WIN 42  
CONTROL CENTER SOFTWARE



## WIN 42 SERIES

## ADDITIONAL AVAILABLE CONFIGURATIONS:

<b>WIN 42 BPL (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH BELT PACK AND LAVALIER MICROPHONE
<b>WIN 42 BPW (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH BELT PACK AND BRASS INSTRUMENT MICROPHONE
<b>WIN 42 BPG (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH BELT PACK AND GUITAR CABLE
<b>WIN 42 BPHH (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH BELT PACK AND HEADSET BEIGE-COLOURED
<b>WIN 42 BPHH 2 (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH 2 X BELT PACK AND 2 X HEADSET BEIGE
<b>WIN 42 BPW 2 (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH 2X BELT PACK AND 2X BRASS INSTRUMENT MICROPHONE
<b>WIN 42 HBHH 2 (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH BELT PACK, HEADSET BEIGE-COLOURED AND DYNAMIC HANDHELD MICROPHONE
<b>WIN 42 BPG 2 (B5)</b>	WIRELESS MICROPHONE SYSTEM WITH 2 X BELT PACK AND 2 X GUITAR CABLE

## SPECIFICATIONS RECEIVER:

Art. No.:	LDWIN42R (B5)
Channels:	1,680 (20 groups + 1 user group)
Frequency range:	734 - 776 MHz / 516 - 558 MHz (B5)
Audio frequency range:	60 Hz - 16 kHz
THD:	< 1%
Signal/Noise ratio:	> 100 dB
Audio output:	XLR balanced / 6.3 mm jack unbalanced
Power supply:	external power adapter 13.5 V DC, 500 mA
Dimensions (W x H x D):	212 x 44 x 184 mm
Weight:	970 g

## DOUBLE RECEIVER:

Art. No.:	LDWIN42R2 (B5)
Channels:	2 x 1,680 (2 x 20 groups + 1 user group)
Frequency range:	734 - 776 MHz / 516 - 558 MHz (B5)
Audio frequency range:	60 Hz - 16 kHz
THD:	< 1%
Signal/Noise ratio:	> 100 dB
Audio output:	XLR balanced / 6.3 mm jack unbalanced
Power supply:	external power adapter 13.5 V DC, 1,000 mA
Dimensions (W x H x D):	480 x 44 x 190 mm
Weight:	2.4 kg

## HANDHELD TRANSMITTER:

Art. No.:	LDWIN42MD/MC (B5)
Channels:	1,680
Frequency range:	734 - 776 MHz / 516 - 558 MHz (B5)
Audio frequency range:	60 Hz - 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Power requirements:	2 x AA size batteries (included)
Operating time:	>13 h with alkaline batteries
Dimensions (L x Ø):	255 x 52 mm
Weight:	400 g (without batteries)

## BELTPACK:

Art. No.:	LDWIN42BP (B5)
Channels:	1,680
Frequency range:	734 - 776 MHz / 516 - 558 MHz (B5)
Audio frequency range:	60 Hz - 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Input connector:	mini XLR 3-pole (phantom power for headset)
Power requirements:	2 x AA size batteries
Operating time:	>14 h with alkaline batteries (included)
Dimensions (W x H x D):	87 x 25 x 63 mm
Weight:	100 g (without batteries)

## COMPONENTS:

<b>WIN 42 MD (B5)</b>	DYNAMIC HANDHELD MICROPHONE
<b>WIN 42 MC (B5)</b>	CONDENSER HANDHELD MICROPHONE
<b>WIN 42 BP (B5)</b>	BODYPACK TRANSMITTER FOR LD WIN 42 BPH WIRELESS MICROPHONE SYSTEM
<b>WIN 42 R (B5)</b>	RECEIVER FOR LD WIN 42 WIRELESS MICROPHONE SYSTEM
<b>WIN 42 R 2 (B5)</b>	DUAL RECEIVER

## AVAILABLE ACCESSORIES:

<b>WIN 42 CC</b>	CONDENSER CASPULE
<b>WIN 42 DC</b>	DYNAMIC CAPSULE
<b>WS 100 RK</b>	19" RACK KIT

\* Systems working in the frequency range 516 - 558 MHz are marked with the code B5 at the end of the article number (ex: LDWIN42HHDB5)

## SPECIFICATIONS HUB:

Art. No.:	LDWIN42HUB
Type:	software-based
Number of supported wireless systems:	16
Indicators:	16 x LED activation indicator
Operating voltage:	9 V - 18 V DC, 300 mA
Dimensions (W x H x D):	482 x 44 x 160 mm
Weight:	2.5 kg
Accessories (included):	16 x RJ11 cable, power adapter, RJ45 cable, software CD, USB to RS485 converter, USB cable

# WIRELESS SYSTEMS

## ACCESSORIES



### WIN 42 AD

#### 4-WAY ANTENNA SPLIT BOX

Frequency band:	500 - 900 MHz
Frequency bandwidth:	400 MHz
Signal gain:	3 dB
Antenna inputs:	2
Antenna input connection:	BNC
Input impedance:	50 Ohm(s)
Power supply for antenna booster:	9 V
Antenna outputs:	4 x 2
Antenna output connection:	TNC

Output impedance:	50 Ohm(s)
Power supply for radio receiver:	4 x 12 - 18 V DC V
Operating voltage:	12 - 18 V DC, 3A
Operating voltage:	12 V DC - 18 V DC (100 mA)
Accessories (included):	10 x TNC cable, 0,5 m, 2 x antenna, 2 x BNC adapter, 4 x DC cable, 0,5 m, 4 x Output 600 mA, Plastic case, Power supply
Weight:	4,705 kg



### WS 100 AB

#### ANTENNA BOOSTER

Frequency band:	500 - 900 MHz
Frequency bandwidth:	400 MHz
Signal gain:	13 dB
Antenna input connection:	BNC
Antenna output connection:	BNC
Antenna input impedance:	50 Ohm(s)
Antenna output impedance:	50 Ohm(s)
Power consumption:	9 V DC V



### WS 100 DA

#### DIRECTIONAL ANTENNAS FOR WS100, WS1000, AND WIN42 SERIES

Type:	Directional Antennas
Frequency band:	500 - 900 MHz
Frequency bandwidth:	400 MHz
Impedance:	50 Ohm(s)
Antenna gain:	7 dBi
Antenna connector:	BNC
Threaded connector:	5/8 "
Weight:	1,1 kg

### WS 100 BNC / BNC 10

#### ANTENNA CABLE BNC TO BNC 0.5 / 10 M

Length:	0,5 / 10 m
Cable diameter:	5 mm
Jacket material:	PVC
Line surge impedance:	50 Ohm(s)
Connector 1:	BNC
Connector 2:	BNC
Weight:	0,07 kg / 0,4 kg

### WS 100 TNC / TNC 10

#### ANTENNA CABLE TNC TO TNC 0.5 / 10 M

Length:	0,5 / 10 m
Cable diameter:	5 mm
Jacket material:	PVC
Line surge impedance:	50 Ohm(s)
Connector 1:	TNC
Connector 2:	TNC
Weight:	0,07 kg / 0,4 kg



**WS 100 MH1**  
HEADSET

Type:	Headsets
Frequency response:	20 - 20.000 Hz
Directivity:	Cardioid
Nominal impedance:	680 Ohm(s)
Phantom power requirements:	5 V
Microphone input:	Mini-XLR (3-pin, female)
Accessories (included):	Foam windscreen
Weight:	0,06 kg



**WS 100 MH3**  
HEADSET BEIGE-COLOURED

Frequency response:	70 - 16.000 Hz
Directivity:	Cardioid
Nominal impedance:	1400 Ohm(s)
Max. SPL:	125 dB
Phantom power requirements:	5 V
Microphone input:	Mini-XLR (3-pin, female)
Accessories (included):	Foam windscreen
Weight:	0,2 kg



**HSAE 1**  
PROFESSIONAL AEROBICS HEADSET MICROPHONE  
WATER-REPELLENT

Frequency response:	80 - 16.000 Hz
Directivity:	bi-directional
Sensitivity (quiescent voltage @ 1kHz):	0.4 mV/Pa
Nominal impedance:	1600 Ohm(s)
Signal-to-noise ratio:	76 dB
Microphone input:	Mini-XLR (3-pin)
Accessories (included):	Foam windscreen
Features:	water-repellent
Weight:	0,175 kg



**WS 1000 MW**  
CLIP MICROPHONE FOR BRASS INSTRUMENTS

Frequency response:	50 - 18.000 Hz
Directivity:	Cardioid
Sensitivity (quiescent voltage @ 1kHz):	-45 dB +/- 3 dB
Nominal impedance:	250 Ohm(s)
Max. SPL (1% THD @ 1kHz):	133 dB
Phantom power requirements:	5 V
Microphone input:	Mini-XLR (3-pin, female)
Cable length:	1.5 m
Accessories (included):	Foam windscreen, Phantom power adapter LDPHA
Features:	70 mm gooseneck
Weight:	0,05 kg



**WS 100 ML**  
LAVALIERE MICROPHONE

Frequency response:	20 - 20.000 Hz
Directivity:	Cardioid
Nominal impedance:	680 Ohm(s)
Phantom power requirements:	5 V
Microphone input:	Mini-XLR (3-pin, female)
Accessories (included):	Attaching clip, Foam windscreen
Weight:	0,026 kg



**U500 GC**  
GUITAR CABLE

Connector 1:	Mini-XLR (3-pin, female)
Connector 2:	6.3 mm jack
Length:	0.8 m
Weight:	0,045 kg



# WS ECO SERIES

DIVERSITY WIRELESS SYSTEMS

enter the **wireless world.**

licence  
**free!**\*

ISM BAND 863 - 865 MHz  
\*ISM-band licence-free in Europe

Available in three single-channel fixed frequency versions the WS ECO Series systems are the perfect entry-level UHF wireless solution. With handheld dynamic and headset microphones for unrestricted vocal performance and a beltpack plus guitar cable combo, the budget WS ECO systems provide exceptional sound, reliability and value.

- Entry-level wireless microphone systems
- 3 single-channel versions with fixed frequencies
- Handheld dynamic or headset microphones plus guitar version



### BECAUSE WE KNOW WHAT YOU WANT

The ECO 2 Sets by LD Systems are the perfect introduction to wireless audio transmission. High end components guarantee optimal audio transmission and reliable operation. You have the choice between four fixed frequencies, selected because of their superior transmission safety. The frequency band of 863 - 865 MHz permits operation in most EU countries with no registration or licensing required.



### STAY IN CONTROL

The transmitters of the WS ECO 2 feature a Mute switch and a Gain sensitivity switch in order to match perfectly to your application and equipment. You will also enjoy the soft-touch surface and the decent battery status indicator.



### SAVING ENERGY

Thanks to its reliable technology and high-end components the WS ECO 2 has a very low-power consumption allowing up to 10 hour operation with 2 standard AA batteries, with a range of up to 50 m.

# WS ECO SERIES

## DIVERSITY WIRELESS SYSTEMS



### WS ECO 2

1 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category.

- 1 channel UHF PLL diversity wireless system, available as vocal, guitar or headset
- Handheld dynamic mic with sensitivity switch
- Long battery life

#### SET WITH HEADSET

LDWSEC02BPH1: 863.100 MHz  
 LDWSEC02BPH2: 863.900 MHz  
 LDWSEC02BPH3: 864.500 MHz  
 LDWSEC02BPH4: 864.900 MHz  
 LDWSEC02BPHB6I: 630.200 MHz  
 LDWSEC02BPHB6II: 633.400 MHz

#### SET WITH HANDHELD

LDWSEC02HHD1: 863.100 MHz  
 LDWSEC02HHD2: 863.900 MHz  
 LDWSEC02HHD3: 864.500 MHz  
 LDWSEC02HHD4: 864.900 MHz  
 LDWSEC02HHD6I: 630.200 MHz  
 LDWSEC02HHD6II: 633.400 MHz

#### SET WITH GUITAR CABLE

LDWSEC02BPG1: 863.100 MHz  
 LDWSEC02BPG2: 863.900 MHz  
 LDWSEC02BPG3: 864.500 MHz  
 LDWSEC02BPG4: 864.900 MHz



### WS ECO 2x2

2 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs.

The extensive features of the LD WS ECO Series Sets are remarkable in this price category. The frequency band of 863 – 865 MHz permits operation in most EU countries with no registration or licensing required.

- 2 channel UHF PLL diversity wireless system
- Available as vocal or headset
- Handheld dynamic mic with sensitivity switch

#### SET WITH HEADSET

LDWSEC02X2BPH1: 863.100 MHz & 864.500 MHz  
 LDWSEC02X2BPH2: 863.900 MHz & 864.900 MHz

#### SET WITH HANDHELD

LDWSEC02X2HHD1: 863.100 MHz & 864.500 MHz  
 LDWSEC02X2HHD2: 863.900 MHz & 864.900 MHz

WS ECO SERIES



**SPECIFICATIONS RECEIVER:**

Art. No.:	LDWSEC02R
Channels:	1
Transmission frequency range:	863,100 MHz (R1), 863,900 MHz (R2), 864,500 MHz (R3), 864,900 MHz (R4)
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
Signal-to-noise ratio:	> 105dB
Audio outputs:	6.3 mm jack / XLR
Dimensions (W x H x D):	235 mm x 44 mm x 118 mm
Weight:	600 g

**SPECIFICATIONS BODY PACK:**

Art. No.:	LDWSEC02BP
Channels:	1
Transmission frequency range:	863,100 MHz (BP1), 863,900 MHz (BP2), 864,500 MHz (BP3), 864,900 MHz (BP4)
Frequency range:	60 Hz - 16 kHz
Controls:	Mic / 0dB / -10 dB switch, power (on/off/mute)
Rated HF output power:	10 mW
Operating voltage:	2 x AA battery
Operating time:	>10 h (with alkaline batteries)
Dimensions (W x H x D):	85 mm x 65 mm x 23 mm
Weight:	80 g (without batteries)

**SPECIFICATIONS MICROPHONE:**

Art. No.:	LDWSEC02MD
Channels:	1
Transmission frequency range:	863,100 MHz (MD1), 863,900 MHz (MD2), 864,500 MHz (MD3), 864,900 MHz (MD4)
Frequency range:	60 Hz - 16 kHz
Microphone type:	dynamic
Directivity:	cardioid
Rated HF output power:	10 mW
Operating voltage:	2 x AA battery
Operating time:	>10 h (with alkaline batteries)
Controls:	Gain, transmission power Hi / Low, Power
Indicators:	On / Low Battery
Dimensions (Length x Diameter):	250 x 53 mm
Weight:	270 g

**AVAILABLE ACCESSORIES:**

- ECO 2 MD 1** DYNAMIC HANDHELD MICROPHONE
- ECO 2 MD 2** DYNAMIC HANDHELD MICROPHONE
- ECO 2 MD 3** DYNAMIC HANDHELD MICROPHONE
- ECO 2 MD 4** DYNAMIC HANDHELD MICROPHONE

- ECO 2 BP 1** BODY PACK TRANSMITTER
- ECO 2 BP 2** BODY PACK TRANSMITTER
- ECO 2 BP 3** BODY PACK TRANSMITTER
- ECO 2 BP 4** BODY PACK TRANSMITTER

- ECO 2 R 1** RECEIVER
- ECO 2 R 2** RECEIVER
- ECO 2 R 3** RECEIVER
- ECO 2 R 4** RECEIVER

- ECO 2X2 R 1** DOUBLE RECEIVER
- ECO 2X2 R 2** DOUBLE RECEIVER

# U500<sup>®</sup> IEM SERIES

IN-EAR MONITORING SYSTEM

## U feel it

U don't just want to hear your sound on stage, U need to feel it. Every note creates emotions inside of U and draws U deeper into your song. U lose yourself completely and the audience hangs on your lips. U no longer concentrate on the music, but simply let it flow, because U are part of it. U are free of constraints, because the U500<sup>®</sup> IEM Series transmits the monitor signal directly into your ear - over 100 meters or 300 feet without interference, simultaneous to the other 12 systems of your band. Suddenly, everyone is playing as if unleashed. Sound U feel.

- Reliable in-ear monitoring with more than 100 m range
- 96 available channels
- 2, 10 or 30 mW ERP selectable transmission power
- Convenient infrared frequency syncing
- Individual user name assignment and memory for 10 custom presets
- Extended frequency response
- 3-band EQ with parametric mids
- Switchable limiter
- Stereo, focus and mono modes of operation
- High-contrast OLED display
- Transmitter with direct monitoring headphone output
- Bodypack receiver with three selectable squelch levels
- 10 h of bodypack receiver operation on two AA batteries
- Simultaneous operation of up to 12 systems
- U500<sup>®</sup> IEM transmitter compatible with U300<sup>®</sup> IEM bodypacks





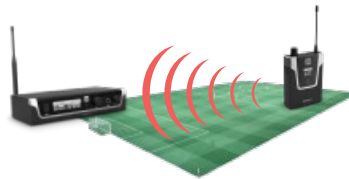
**U NAME IT**

U500® In-Ears sport high-contrast OLED displays and allow for individual user name assignment. In addition, you can save up to 10 custom presets.



**SELECT THE POWER U NEED**

The radio transmission power (ERP) is switchable between 2 mW, 10 mW or 30 mW providing a line-of-sight operating range of up to 100 meters or 300 feet. That covers the length of a football pitch! The transmitter's very low current draw allows up to 10 hours of continuous operation with a pair of AA batteries.



**WE DO THE HARD WORK FOR U**

Automatic channel scanning allows quick and easy selection of interference-free radio frequencies. Receiver and transmitter are synced via infrared in a convenient one touch operation.

**U HEAR THE DIFFERENCE**

To deliver pristine, precise audio U500® In-Ear Monitoring Systems include a 3-band EQ with parametric mids, a switchable limiter and a squelch circuit. With a signal-to-noise ratio greater than 95 dB and less than 0,3% THD, the U500® In-Ear's noise floor is exceptionally low.

**U'RE IN FOCUS**

Switchable mono, stereo and focus monitoring modes offer the versatility you need for any application. The U500® IEM series permits simultaneous operation of up to 12 systems allowing each band member to better focus on his performance, and thus, be in harmony with his bandmate.





# U500<sup>®</sup> IEM SERIES

IN-EAR MONITORING SYSTEM



**U5XX\* IEM**  
IN-EAR MONITORING SYSTEM



**U5XX\* IEM HP**  
IN-EAR MONITORING SYSTEM  
WITH EARPHONES



### U5XX\* IEM T

TRANSMITTER

#### SPECIFICATIONS TRANSMITTER:

Art.No.:	LDU5XXIEMT
Product type:	Transmitter
Transmission method:	FM, mono/stereo
Channels:	12
Transmission frequency range:	584 - 608 MHz
Rated HF output power:	10 mW, 2 mW, 30 mW
Frequency response:	40 - 16000 Hz
THD:	< 0.3 %
Signal-to-noise ratio:	93 dB
Dynamic Range:	88 dB
Input connectors:	2 x Combo TRS 6.3 mm, XLR (balanced)
Input impedance (kOhms):	12 kOhm
Antenna connector:	BNC
Controls:	Menu selector Button, Power On/Off, volume headphones
Indicators:	Multifunctional OLED-Display
Operating Voltage:	12 - 18 V DC
Dimensions (W x H x D):	212 x 43 x 123 mm
Weight:	0.66 kg
Accessories (included):	19" Rack mount kit, BNC-Antenna, power adapter



### U5XX\* IEM R

BODYPACK RECEIVER

#### SPECIFICATIONS RECEIVER:

Art.No.:	LDU5XXIEMR
Product type:	Receiver
Transmission method:	FM, mono/stereo
Channels:	12
Transmission frequency range:	584 - 608 MHz
Frequency response:	40 - 16,000 Hz
Audio output:	3.5 mm TRS
Minimum connected impedance:	16 Ohm(s)
Max. audio output level:	33 mW @ 16 Ohm mW, 80 mW @ 33 Ohm mW
Antenna connector:	Fixed to housing
Controls:	Down, Up, On / Off, Volume
Indicators:	Multifunctional OLED-Display, RF (LED)
Operating Voltage:	2 x 1.5 V AA
Operating time:	10 h
Dimensions (W x H x D):	64 x 100 x 24 mm
Weight:	0.095 kg
Features:	Battery status LED
Accessories (included):	2 x AA batteries, Antenna

\*Replace the XX with the desired version underneath to choose your frequency band:

U5047IEM // 470 - 490 MHz  
 U5051IEM // 514 - 542 MHz  
 U505IEM // 584 - 608 MHz  
 U506IEM // 655 - 679 MHz  
 U508IEM // 823 - 832 MHz + 863 - 865 MHz

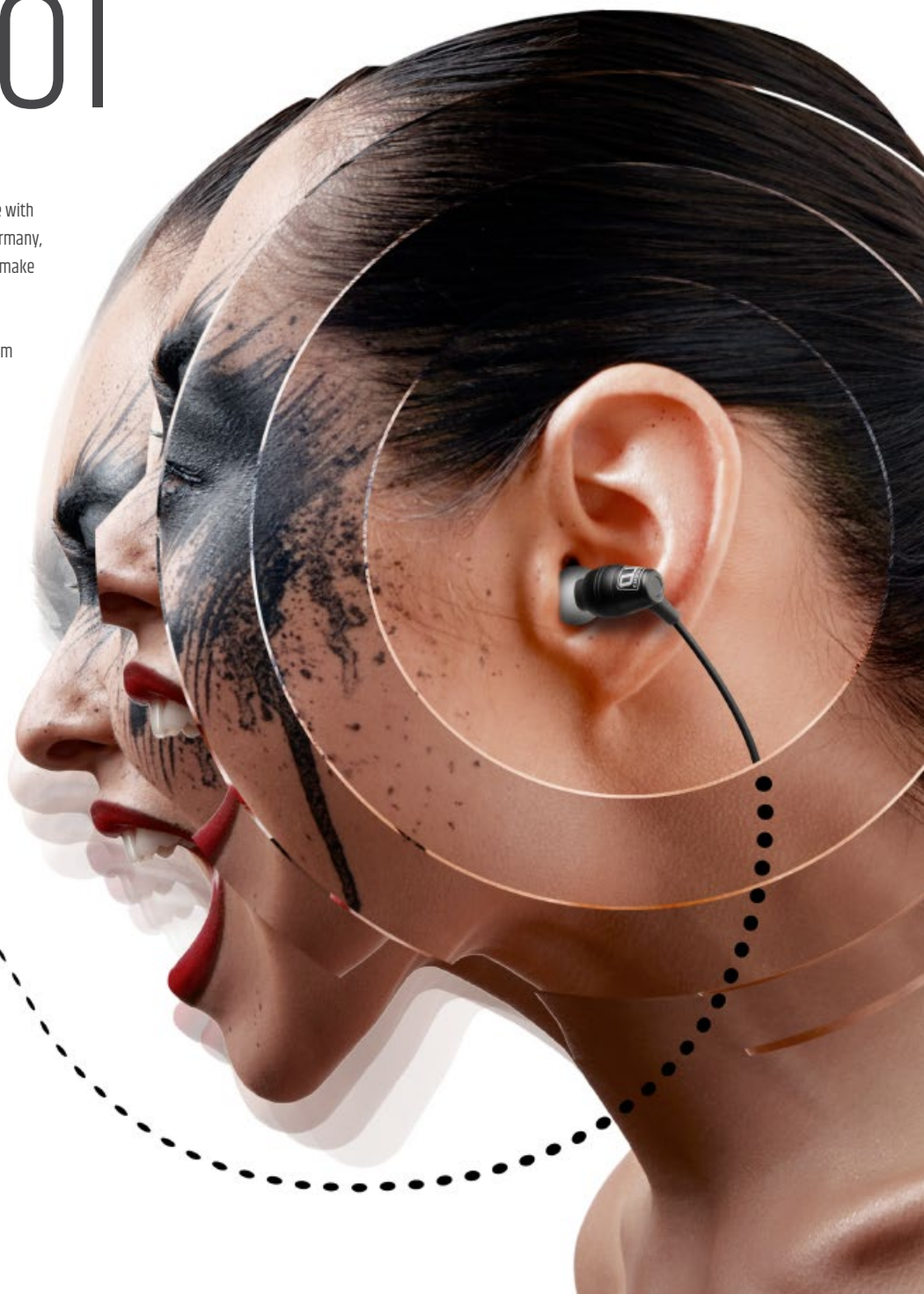
# U300<sup>®</sup> IEM SERIES

IN-EAR MONITORING SYSTEM

## U keep control

We have developed the wireless U300<sup>®</sup> in-ear monitoring systems for unlimited freedom of movement on the stage with perfect in-ear monitor sound at all times. Developed in Germany, their clear, modern design and straightforward operation make them the perfect choice – not just for beginners.

- Reliable wireless transmission with a range of up to 100 m
- 12 selectable channels
- Choice of stereo or mono mode
- Up to 6 systems can be used simultaneously
- 10-hour bodypack operating time with two AA batteries
- Channel and RF reception displayed on bodypack
- Transmitter in rugged metal casing with stereo level display
- Removable antenna with BNC connection
- 19" rack assembly kit included.





**THE WEDGE IN YOUR EAR**

The U300 IEM series by LD Systems is the perfect introduction to wireless in-ear monitoring. High end components guarantee optimal audio transmission and reliable operation. Available in different frequency bands the U300 IEM series permits operation in most countries with no registration or licensing required.



UP TO 10 HOURS

**CAREFREE PACKAGE**

The bodypack receiver provides a very low power consumption allowing up to 10 hours operation with 2 standard AA batteries. Available with or without earphones, the U300 IEM sets also include a very practical 19 inch rackmount kit.

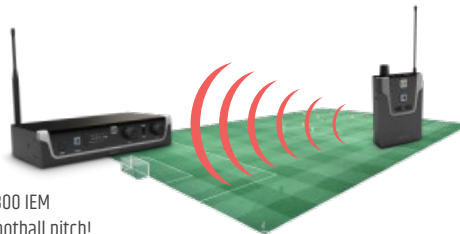
**HEAR BETTER. SOUND BETTER.**

The system toggles between mono and stereo mode for perfect monitoring for live musicians, actors or speakers, and offers a stunning sound quality thanks to high end components. The U300 IEM series permits simultaneous operation of up to 6 transmitters and an unlimited amount of receivers, enough to equip your whole band.



**ALL THE WAY ACROSS A FOOTBALL PITCH**

With a line-of-sight operating range of up to 100 metres, U300 IEM wireless in-ear monitoring systems cover the length of a football pitch!



# U300<sup>®</sup> IEM SERIES

IN-EAR MONITORING SYSTEM



**U3XX\* IEM**  
IN-EAR MONITORING SYSTEM



**U3XX\* IEM HP**  
IN-EAR MONITORING SYSTEM  
WITH EARPHONES



### U3XX\* IEM T

TRANSMITTER

#### SPECIFICATIONS TRANSMITTER:

Art.No.:	LDU3XXIEMT
Product type:	Transmitter
Transmission method:	FM, mono/stereo
Channels:	12
Rated HF output power:	10 mW
Frequency response:	50 - 16,000 Hz
THD:	< 0.5 %
Signal-to-noise ratio:	90 dB
Dynamic Range:	88 dB
Input connectors:	6.3 mm jack , XLR
Input impedance (kOhms):	8.5 kOhm
Input sensitivity:	-4.5 dbu
Antenna connector:	BNC
Controls:	input level , Mono/stereo switch , Power On/Off
Indicators:	LC display
Power consumption / Operating Voltage:	1.7 W / 12 - 18 V DC
Dimensions (W x H x D):	212 x 43 x 123 mm
Weight:	0.66 kg
Accessories (included):	19" Rack mount kit , BNC-Antenna , Power supply



### U3XX\* IEM R

BODYPACK RECEIVER

#### SPECIFICATIONS RECEIVER:

Art.No.:	LDU3XXIEMR
Product type:	Receiver
Transmission method:	FM, mono/stereo
Channels:	12
Rated HF output power:	10 mW
Frequency response:	50 - 16,000 Hz
THD:	< 0.25 %
Audio output:	3.5 mm TRS
Minimum connected impedance:	16 Ohm(s)
Max. audio output level:	100 (@ 16 Ohms load capacity) mW , 73 (@ 33 Ohms load capacity) mW
Antenna connector:	Fixed to housing
Controls:	Channel down , Channel up , on/off switch , volume control
Indicators:	LC display , RF (LED)
Operating Voltage:	2 x 1.5 V AA
Operating time:	10 h
Dimensions (W x H x D):	64 x 103 x 24 mm
Weight:	0.085 kg
Accessories (included):	battery status LED , incl. batteries

\*Replace the XX with the desired version underneath to choose your frequency band:

U3047IEM // 470 - 490 MHz  
 U3051IEM // 514 - 542 MHz  
 U305IEM // 584 - 608 MHz  
 U306IEM // 655 - 679 MHz  
 U308IEM // 823 - 832 MHz + 863 - 865 MHz



# MEI 1000 G2 SERIES

IN EAR MONITORING SYSTEM

my band, my sound, **my mei.**



Comprising comfortable, snug-fit earbuds, a sleek beltpack receiver and 10mW transmitter with rackmount kit, the MEI 1000 G2 Series wireless in-ear monitoring system provides freedom of movement and natural, dynamic sound. With selectable mono, stereo and focus modes, a built-in limiter and convenient EQ control the MEI 1000 G2 delivers detailed, distortion-free audio. Available in three different frequency bands, the MEI 1000 G2 in-ear monitoring system allows for more than 12 hours of continuous operation with high quality batteries.

- Professional in-ear monitoring
- License-free operation with 96 selectable UHF channels
- Integrated EQ and limiter for well-balanced distortion-free audio
- Mono and stereo modes
- More than 12 hours of continuous operation



**RE-DISCOVER MONITORING**

The LD Systems MEI 1000 G2 is a license-free in-ear monitoring system with 96 UHF channels that delivers outstanding sound quality with a large dynamic range and outstanding crosstalk behavior.

**NEW ADDITIONAL FREQUENCY RANGES AVAILABLE:**

Standard: 823 - 832 MHz & 863 - 865 MHz  
 B5: 584 - 607 MHz  
 B6: 655 - 679 MHz

**MORE FOCUS. MORE HARMONY.**

Switchable mono, stereo, and focus monitoring modes as well as adjustable EQ and limiter functions permit natural sound reproduction for any application, with a Frequency range of 60 Hz - 16 kHz, a high S/N ratio, and low THD. The MEI 1000 G2 permits simultaneous operation of up to 5 systems allowing each band member to better focus on his performance, and thus, be in harmony with his band mate.

**YOU HAVE IT ALL**

The earphones are very comfortable to wear, and the multifunctional display on the receiver shows all relevant system information. The beltpack receiver also provides a very low power consumption allowing up to 12 hours operation with 2 standard AA batteries. A 19" rackmount kit and a rugged ABS plastic carrying and storage case complete the MEI 1000 G2 package.

**SPECIFICATIONS TRANSMITTER:**

Art. No.:	LDME1000G2T (B5/B6)
Channels:	96 (8 groups, 12 ch/group)
Frequency range:	823 - 832 and 863 - 865 MHz // B5: 584 - 608 MHz // B6: 655 - 679 MHz
Audio frequency range:	60 - 16,000 Hz
Modulation:	wideband FM stereo
THD:	< 1 %
Signal/Noise ratio:	85 dB(A)
Switching bandwidth:	11 MHz
Peak deviation:	+/- 40 kHz
RF output power:	10 mW
Input voltage range:	20 dBV max
Power supply:	12 - 18 V DC / 300 mA
Dimensions:	200 mm x 96 mm x 44 mm
Weight:	900 g

**RECEIVER:**

Art. No.:	LD MEI1000G2BPR (B5/B6)
Channels:	96 (8 groups, 12ch/group)
Frequency range:	823 - 832 and 863 - 865 MHz // B5: 584 - 608 MHz // B6: 655 - 679 MHz
Audio frequency range:	60 - 16,000 Hz
Modulation:	FM stereo
THD:	< 1 %
Signal/Noise ratio:	> 80 dB
Headphone output:	3.5 mm Stereo jack
Headphone output power:	100 mW
Power requirements:	2 x 1.5 V AA batteries
Battery life:	>12 hours, depending on batteries
Dimensions:	90 mm x 65 mm x 24 mm
Weight:	90 g

**MEI 1000 G2 (B5/B6)**

IN-EAR MONITORING SYSTEM WIRELESS

**AVAILABLE ACCESSORIES:**

**MEI 1000 G2 BPR (B5/B6)**  
**IEHP 1**  
**MEI 100 RK**

RECEIVER FOR MEI 1000 G2  
 PROFESSIONAL IN-EAR HEADPHONES  
 RACK KIT FOR MEI 100 G2 AND MEI 1000 G2

# MEI 100 G2 SERIES

IN EAR MONITORING SYSTEM

my band, my sound, **my mei.**

licence  
**free!**\*

Operating in three different frequency bands, the MEI 100 G2 Series in-ear monitoring system provides clean, professional wireless performance at a great price. Including a lightweight beltpack receiver, transmitter with rackmount kit and comfortable, high quality earbuds the MEI 100 G2 features stereo and mono transmission modes, a built-in limiter for distortion-free audio and easy-to-read LCD displays.

- Affordable pro quality in-ear monitoring
- License-free operation with 96 selectable UHF channels
- Integrated limiter for distortion-free performance
- Mono and stereo modes



**THE WEDGE IN YOUR EAR**

The LD Systems MEI 100 G2 is a license-free in-ear monitoring system with 96 UHF channels which offers outstanding sound quality and a large dynamic range.



**NEW ADDITIONAL FREQUENCY RANGES AVAILABLE:**

Standard: 823 - 832 MHz & 863 - 865 MHz  
 B5: 584 - 607 MHz  
 B6: 655 - 679 MHz



**HEAR BETTER. SOUND BETTER.**

The system toggles between mono and stereo mode for perfect monitoring for live musicians, actors or speakers. A built-in limiter ensures even, distortion-free sound reproduction with a Frequency range of 80Hz - 15 kHz and stands out because of its high signal-to-noise ratio and low total harmonic distortion. The MEI 100 G2 permits simultaneous operation of up to 5 systems, enough to equip your whole band.

**CAREFREE PACKAGE**

Both transmitter and receiver feature multifunctional displays that show all important system information. The bodypack receiver also provides a very low power consumption allowing up to 10 hours operation with 2 standard AA batteries. The MEI 100 G2 package includes high-quality earphones, a 19" rackmount kit, and a rugged transport and storage box made of ABS plastic.



**SPECIFICATIONS TRANSMITTER:**

Art. No.:	LDMEI100G2T (B5/B6)
Frequency range:	823 - 832 and 863 - 865 MHz // B5: 584 - 607 MHz // B6: 655 - 679 MHz
RF output power:	10 mW
Gain adjustment range:	+ 20 dB
Max. audio input level:	+ 14 dBu
Front panel controls:	Power, set, up & down, headphone vol. control
Rear panel controls:	Input level left/right, stereo/mono switch
Input:	2 x XLR / 6.3 mm combo balanced
Dimensions (W x H x D):	212 mm x 90 mm x 38 mm
Weight:	1 kg
Power requirements:	12 V to 18 V at 300 mA, external power supply

**RECEIVER:**

Art. No.:	LDMEI100G2BPR (B5/B6)
Frequency range:	823 - 832 and 863 - 865 MHz // B5: 584 - 607 MHz // B6: 655 - 679 MHz
S/N ratio:	> 95 dB
THD:	< 1%
Audio output level:	100 mW
Audio range:	80 Hz - 15 kHz +/- 3 dB
Dynamic range:	> 90 dB, A-weighted
Dimensions (W x H x D):	95 mm x 65 mm x 25 mm
Weight:	100 g
Power requirements:	2 x 1.5 V AA batteries
Battery life:	> 10 hours

**MEI 100 G2 (B5/B6)**

IN EAR MONITORING SYSTEM

**AVAILABLE ACCESSORIES:**

- MEI 100 G2 BPR (B5/B6)** RECEIVER FOR MEI 100 G2
- IEHP 1** PROFESSIONAL IN-EAR HEADPHONES BLACK
- MEI 100 RK** RACK KIT FOR MEI 100 G2 AND MEI 1000 G2

MK(2020)D / 2.500



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