POWERNODE EDGE

Compact Wireless Music Streaming Amplifier

JUST ADD SPEAKERS. The POWERNODE EDGE combines streaming sources, control and amplification in one sleek and affordable player. All you need to do is connect a pair of passive speakers to experience an incredible all-in-one HiFi solution. Control all your music with the intuitive BluOS Controller app. Play from a personal music library, or even directly from an external USB drive. Easily connect wired sources, like a TV or turntable, with HDMI eARC or the combo analog/digital input. Add the PULSE SUB+ wireless subwoofer for a powerful but compact 2.1 stereo system or even use the POWERNODE EDGE to power the rear channels of a wireless Bluesound surround sound setup.

PACKED WITH POWER. Bring your speakers to life with the powerful, punchy 2 x 40 watts DirectDigital™ amplifier in the POWERNODE EDGE, handling hi-res, 24 bit/192 kHz files and MQA-encoded tracks with ease. Enjoy clarity in playback of everything from densely-layered heavy metal tracks to whisper-quiet dialogue in movies and TV shows.

INTUITIVE CONTROL. Control is always at your fingertips via the BluOS Controller app for iOS, Android, Mac, or PC, or using the elegant capacitive touch panel for quick-access controls like Play, Pause, and Volume Up/Down. The POWERNODE EDGE is connected to your home network via Wi-Fi or Ethernet, integrating seamlessly with the most popular smart home control systems like Crestron, Control4, URC, RTI, ELAN, and others. Hands-free control is possible with voice assistants like Siri, Alexa, and Google Voice.

SLEEK AND VERSATILE. The POWERNODE EDGE is designed with a compact form factor to suit any décor and comes with a multi-orientation wall mounting bracket to hide in closets or behind sofas. Easy to spec and simple to stack, smart home installers will appreciate its 1U rack height and half-rack width, along with an easy-access touch control panel for everyday playback functions and configuration.

- DIRECTDIGITAL™ AMPLIFIER PLATFORM
- 40 WATTS PER CHANNEL INTO 8 OHMS
- QUAD-CORE 1.8GHz ARM® CORTEX™ A53 PROCESSOR
- HDMI eARC, OPTICAL & ANALOG AUDIO INPUTS
- BluOS™ WIRELESS MULTI-ROOM MUSIC CAPABILITY
- APP CONTROL WITH ADJUSTABLE AUDIO SETTINGS
- MQA MUSIC AND HI-RES AUDIO STREAMING
- AIRPLAY 2 INTEGRATION
- WORKS WITH AMAZON ALEXA AND GOOGLE ASSISTANT
- DUAL-BAND WI-FI + GIGABIT ETHERNET
- TWO-WAY aptX™ HD BLUETOOTH
- WIRELESS HEADPHONE OUTPUT
- WIRED & WIRELESS SUBWOOFER OUTPUT
- IR REMOTE LEARNING CAPABILITY
- FRONT PANEL TOUCH CONTROLS
- COMPACT 1U FORM FACTOR
- EASY FOUR-WAY MOUNTING SYSTEM
- BLACK OR WHITE FINISH

POWERNODE EDGE Specifications

AUDIO

Supported Audio File Formats:	MP3, AAC, WMA, WMA-L, OGG, ALAC, OPUS
Supported Hi-Res Audio File Formats:	FLAC, MQA, WAV, AIFF, MPEG-4 SLS
Supported Multi-Channel Audio Formats:	Dolby® Digital
Native Sampling Rates:	up to 192 kHz
Bit Depth:	16-24
Audio Controls & EQ:	BluOS Controller App
Signal-to-Noise Ratio:	-91dBA
Distortion:	THD+N, 0.008%
Amplification:	DirectDigital™
Rated Power Output:	40W x 2 (8 Ohms)
IHF Dynamic Power:	80W (4 Ohms) / 50W (8 Ohms)
Minimum Impedance :	4 Ohms

SOFTWARE & INTEGRATIONS

Operating System:	BluOS
App Controller Operating System:	iOS, Android, Windows, macOS
Processor:	ARM® Cortex™ -A53, Quad-Core, 1.8GHz per core
Supported Network File Sharing:	Server Message Block (SMB) up to 200,000 files
Album Art Supported:	JPG, PNG
Music Services & Internet Radio:	23+
3rd-Party Integrations:	AirPlay 2 Spotify Connect Tidal Connect Roon Ready
Control System Integrations:	Crestron, Control4, RTI, ELAN, URC, Lutron
Voice Control Integrations:	Amazon Alexa Skills; Actions on Google
BluOS Home Theater:	Yes - rear surround channels

CONNECTIONS

Power Supply:	Universal bi-pin AC cord input (100-240AC)
Ethernet/LAN:	Ethernet RJ45, Gigabit 1000 Mbps
Wi-Fi Built In:	Wi-Fi 5 (802.11ac), dual-band
Bluetooth Quality:	Bluetooth 5.0 aptX HD
Bluetooth Connectivity:	Two-Way (transmit & receive)
IR Optical Built In:	IR Sensor Built In - front panel with IR Remote Learning
IR Input:	3.5mm Jack
Optical/Analog Input:	Combo - Mini TOSLINK/Stereo 3.5mm
HDMI Input:	HDMI eARC
USB IN:	Type A (Fat32 Formatted)
Headphone Output:	Bluetooth only
Subwoofer Output:	RCA x 1; Wireless to PULSE SUB+
Speaker Terminals:	5-Way Binding Post

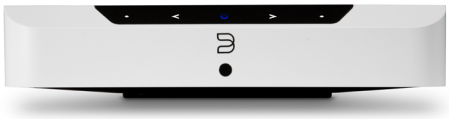
USER INTERFACE & CONTROL

Status Indicator:	LED
Play/Pause Button:	Touch LED
Volume Control Buttons:	Touch LED
Previous/Next Track Buttons:	Touch LED
Preset Buttons:	In-App only

GENERAL

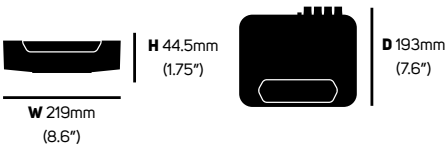
Storage Environment:	-10°C to 50°C, 20% to 80% relative humidity
Operating Environment:	0°C to 40°C
Finish:	Black/White; Matte Satin Paint
Version:	N230

All specifications subject to change without notice.



Front View

Rear View



Product Dimensions

219 x 44.5 x 193 mm (W x H x D)
8.6 x 1.75 x 7.6 in (W x H x D)*
Weight: 1.37kg/3.02lbs

Included Accessories

- 120V AC Power Cord
- 230V AC Power Cord
- Ethernet Cable
- TOSLINK Optical to 3.5mm Mini Adapter
- Metal Mounting Bracket
- Metal Mounting Screw
- Rubber Mount Attachment
- Safety/Warranty Guide
- Quick Setup Guide

* Non-metric measurements are approximate.

BLUESOUND

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