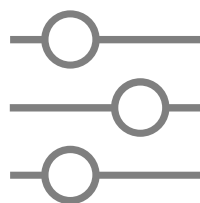
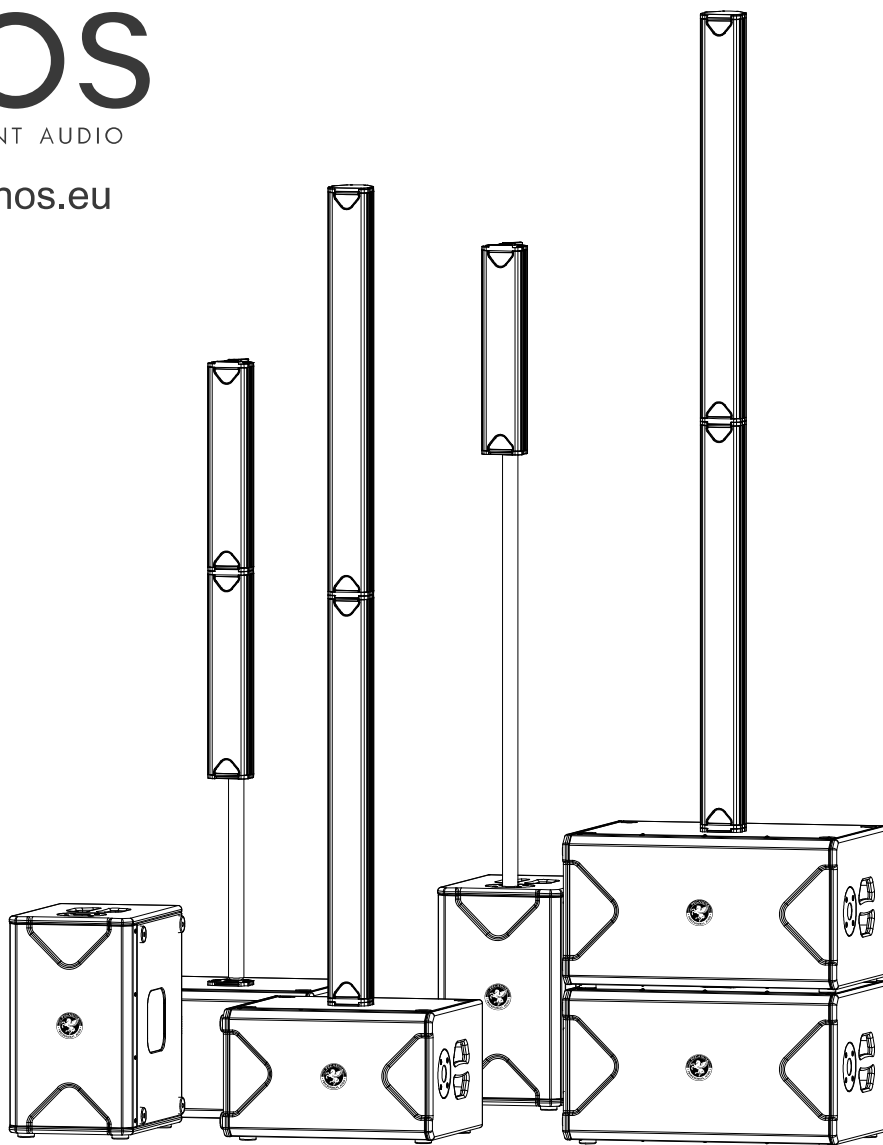


# IHOS

INTELLIGENT AUDIO

[www.i-hos.eu](http://www.i-hos.eu)




# IHOS

INTELLIGENT AUDIO

**TILOS** | USER MANUAL



# Introduction

Thank you very much for your choice of  **IHOS** 帕格索斯 loudspeaker product for your application!

In order to feel assured that you have gained a good grasp of every feature provided by your new unit, owner's manual should be read in its entirety.

The manual should be saved and kept on hand as a convenient reference.

## Features





1. Different combination modes according to different scenes
2. Fast to assemble.
3. Please connect satellite and subwoofer directly and don't need to use the speaker cable.
4. Large horizontal directivity, the sound cover the whole space.
5. Different combination modes meet the demand of large space mono or stereo.
6. The satellite can be hanged, in order to meet the different scenes.

## Contents












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# USING THE UNIT SAFELY

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS


















About WARNING and CAUTION Notices		About the Symbols	
 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.		This symbol alerts the user to important instructions or warnings.
 <b>CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.		This symbol alerts the user to items that must never be carried out (are forbidden).

### ALWAYS OBSERVE THE FOLLOWING

WARNING		WARNING	
	Before using this unit, make sure to read the instructions below, and the Owner's Manual.		Use only the attached power-supply cord. Also, the supplied power cord must not be used with any other device.
	Do not open (or modify in any way) the unit or its AC adaptor.		Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards.
	Do not attempt to repair the unit, or replace parts within it(except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer or the nearest authorized Service Center.		This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.
	Never use or store the unit in places that are: <ul style="list-style-type: none"> <li>●Subject to temperature extremes(e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are</li> <li>●Damp and humid(e.g., baths, washrooms, on wet floors); or are</li> <li>●Exposed to rain; or are</li> <li>●Dusty; or are</li> <li>●Subject to high levels of vibration.</li> </ul>		Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.
	Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.		Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer or the nearest authorized Service Center when:  The AC adaptor, the power-supply cord, or the plug has been damaged; or  If smoke or unusual odor occurs  Objects have fallen into, or liquid has been spilled onto the unit; or  The unit has been exposed to rain (or otherwise has become wet); or  The unit does not appear to operate normally or exhibits a marked change in performance.
	Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body.		

# USING THE UNIT SAFELY

ALWAYS OBSERVE THE FOLLOWING

WARNING		CAUTION	
	Protect the unit from strong impact. (Do not drop it!)		Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.
	Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords-the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.		Never climb on top of, nor place heavy objects on the unit.
	Before using the unit in a foreign country, consult with your retailer or the nearest authorized Service Center.		Never handle the AC adaptor or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.
	Batteries must never be recharged, heated, taken apart, or thrown into fire or water.		Before moving the unit, disconnect the AC adaptor and all cords coming from external devices.
	Only switching off the unit and unplugging from an outlet, the unit is powered off completely.		Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet.
	The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.		Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.
	Always grasp only the plug on the AC adaptor cord when plugging into, or unplugging from, an outlet or this unit.		If used improperly, batteries may explode or leak and cause damage or injury. In the interest of safety, please read and observe the following precautions. <ul style="list-style-type: none"> <li>● Carefully follow the installation instructions for batteries, and make sure you observe the correct polarity.</li> <li>● Avoid using new batteries together with used ones.</li> <li>● If a battery has leaked, use a soft piece of cloth or paper towel to wipe all remnants of the discharge from the battery compartment. Then install new batteries. To avoid inflammation of the skin, make sure that none of the battery discharge gets onto your hands or skin. Exercise the utmost caution so that none of the discharge gets near your eyes. Immediately rinse the affected area with running water if any of the discharge has entered the eyes.</li> <li>● Never keep batteries together with metallic objects such as ballpoint pens, necklaces, hairpins, etc.</li> <li>● Dispose of the waste battery according to national or local regulations regarding hazardous waste.</li> </ul>
	At regular intervals, you should unplug the AC adaptor and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.		Should you remove screws, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.
			Shock hazardous voltages and currents are present inside the enclosure. Do not remove and replace the speaker grill and speaker by any means.

# USING THE UNIT SAFELY

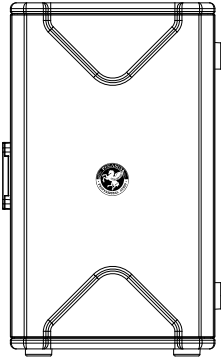
## ALWAYS OBSERVE THE FOLLOWING

IMPORTANT NOTES	IMPORTANT NOTES
<p><b>Power Supply: Use of Batteries</b></p> <ul style="list-style-type: none"> <li>● Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.</li> <li>● The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.</li> <li>● When installing or replacing batteries, always turn off the power on this unit and disconnect any other devices you may have connected. This way, you can prevent malfunction and /or damage to speakers or other devices.</li> <li>● Use only suitable rechargeable batteries of the same size and type. Make sure the polarity is correct. Or it may cause this unit to malfunction.</li> <li>● Please charge the battery as soon as you can when in low energy. The battery's storage capacity goes down if not using it for a long time.</li> </ul> <p>Note: Please charge the battery once a month regularly if not using it for long period.</p> <p><b>Placement</b></p> <ul style="list-style-type: none"> <li>● Using the unit near power amplifier (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.</li> <li>● This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.</li> <li>● Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.</li> <li>● Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.</li> </ul>	<ul style="list-style-type: none"> <li>● When moved from one location to another where the temperature and /or humidity is very different, water droplets (condensation) may form inside the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.</li> <li>● Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.</li> <li>● Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.</li> </ul> <p><b>Maintenance</b></p> <ul style="list-style-type: none"> <li>● For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.</li> <li>● Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.</li> </ul> <p><b>Additional Precautions</b></p> <ul style="list-style-type: none"> <li>● Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.</li> <li>● When connecting/disconnecting all cables, grasp the connector itself-never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.</li> <li>● To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels (especially when it is late at night or near specific places like schools or hospitals).</li> <li>● When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.</li> <li>● Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.</li> </ul>

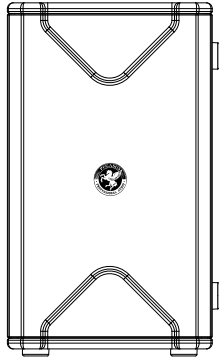
# BOX CONTENTS

## Box Contents

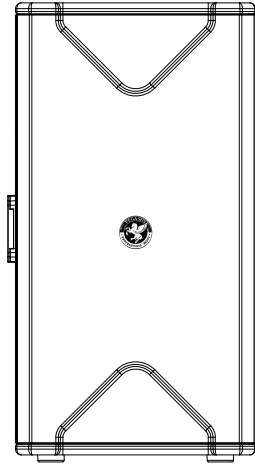
### Active subwoofer Speaker



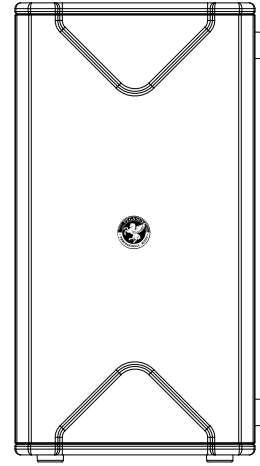
Model: D7-110AS



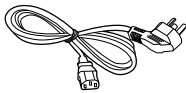
Model: D7-110S



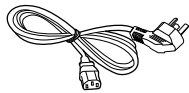
Model: D7-210AS



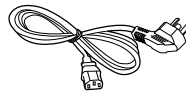
Model: D7-210S



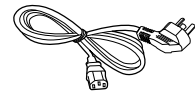
Power Cable (standard IEC)



Power Cable (standard IEC)

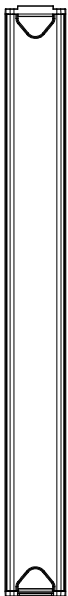


Power Cable (standard IEC)

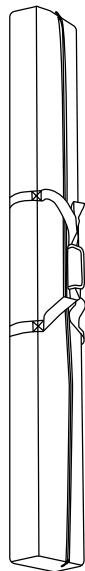


Power Cable (standard IEC)

### Full-range line array Speaker



Model: D7-C12



D7-C12 Bag

User Guide, Safety Instructions & Warranty Information Booklet



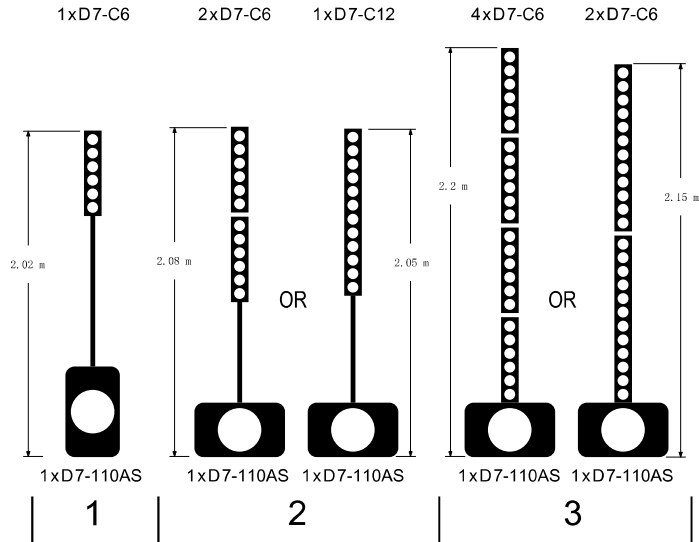
Model: D7-C6



D7-C6 Bag

# COMBINATION MODES

D7 systems include D7-210AS(double 10inch active subwoofer), D7-110AS(single 10inch active subwoofer), D7-210S(double 10inch active subwoofer), D7-110S(single 10inch active subwoofer), D7-C12(12\*2.75inch passive full range line array), D7-C6(6\*2.75inch passive full range line array), different combination modes according to different scenes, see below diagram.



**Mode 1:**

1x D7-110AS + 1x D7-C6

**Mode 2:**

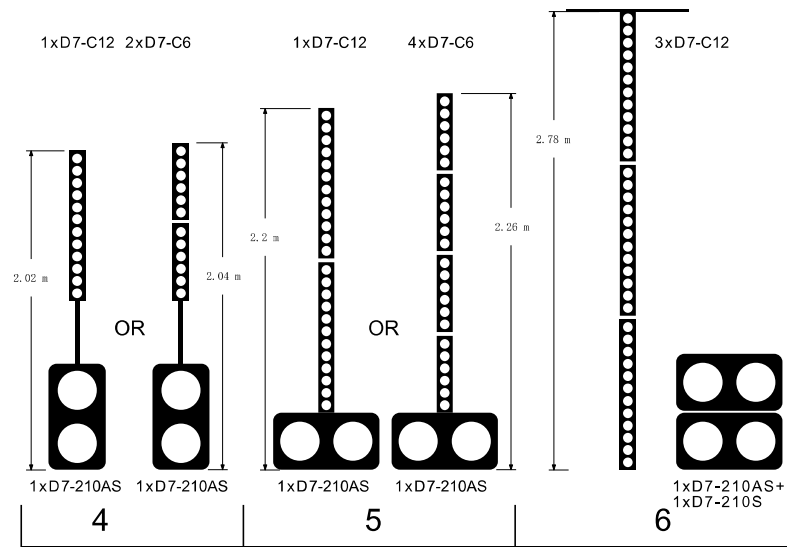
1x D7-110AS + 1x D7-C12

or 2x D7-C6

**Mode 3:**

1x D7-110AS + 2x D7-C12

or 4x D7-C6



**Mode 4:**

1x D7-210AS + 1x D7-C12

or 2x D7-C6

**Mode 5:**

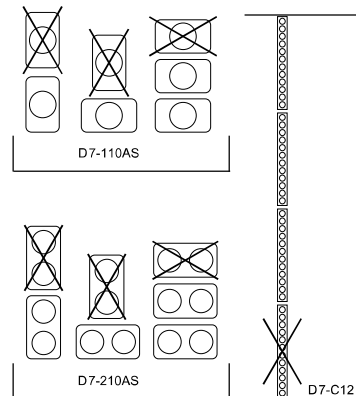
1x D7-210AS + 2x D7-C12

or 4x D7-C6

**Mode 6:**

1x D7-210AS + 1x D7-210S +

3x D7-C12



**Remark:**

1、D7-110AS /D7-210AS can contact passive full range column speaker (D7-C6); D7-110S /D7-210S can contact D7-110AS /D7-210AS and give more bass.

2、Modes 1,2,3,please add and contact D7-110S if you think that bass is not more.; Modes 4,5,6, please add and contact D7-210S if you think that bass is not more.

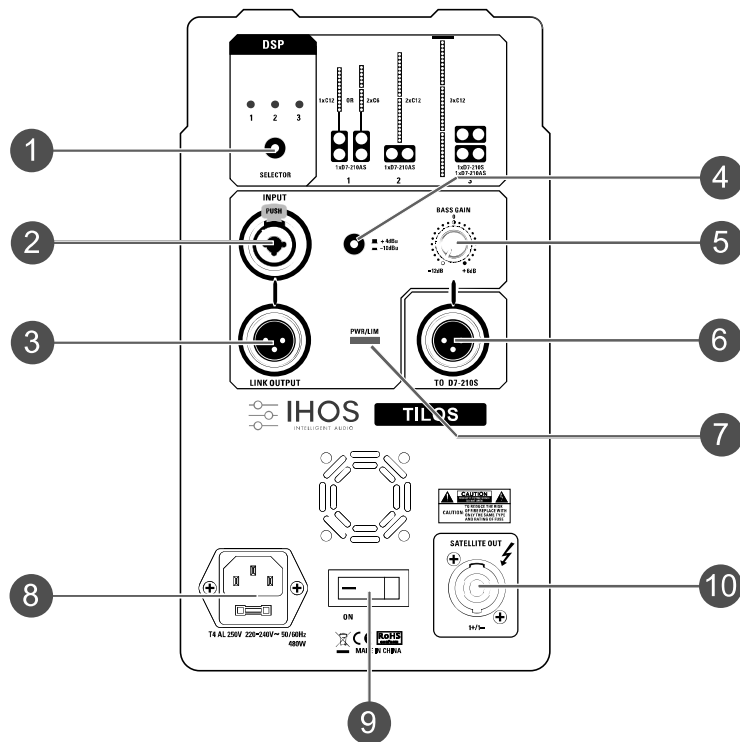
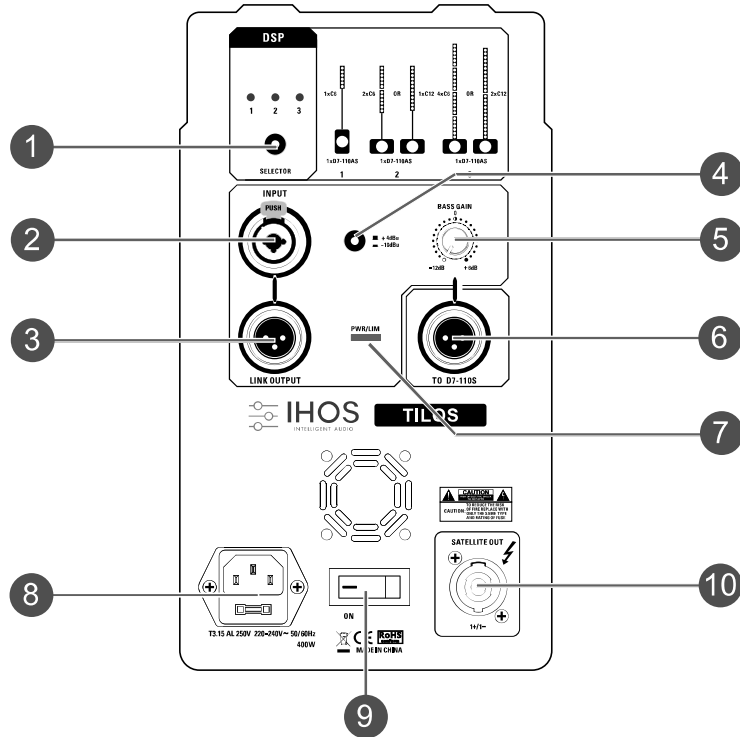
**Note:**

**Please don't place speaker boxes like these (safety risks!):** 1、Please can't hang over 3pcs D7-C12 (see right picture),2、Please can't place over one speaker box vertically(see right pictures), 3、Please can't place over two speaker boxes horizontally(see right picture).

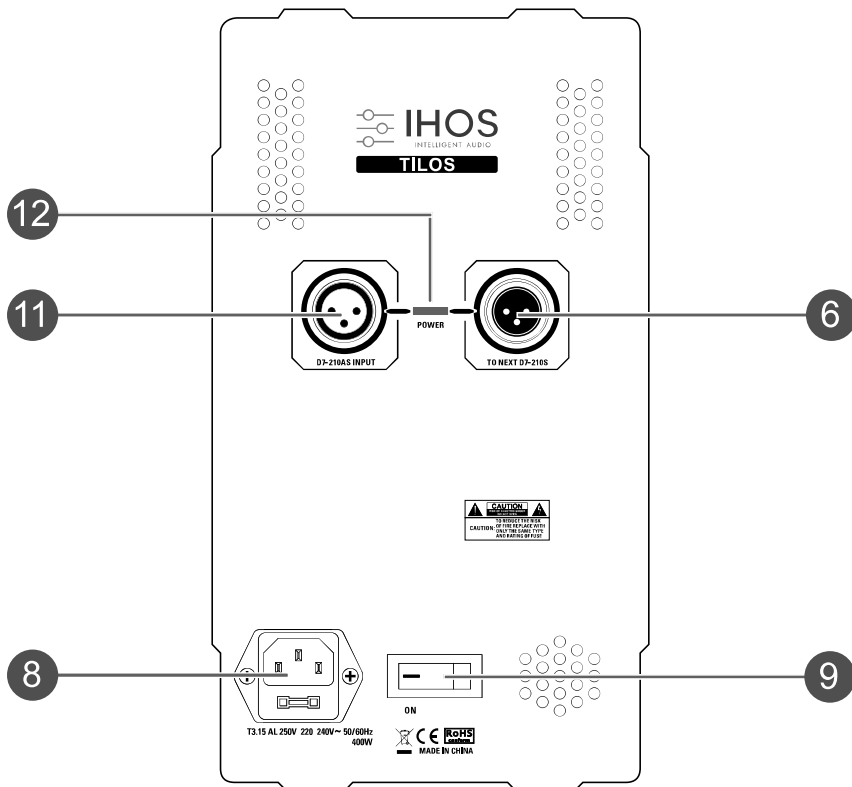
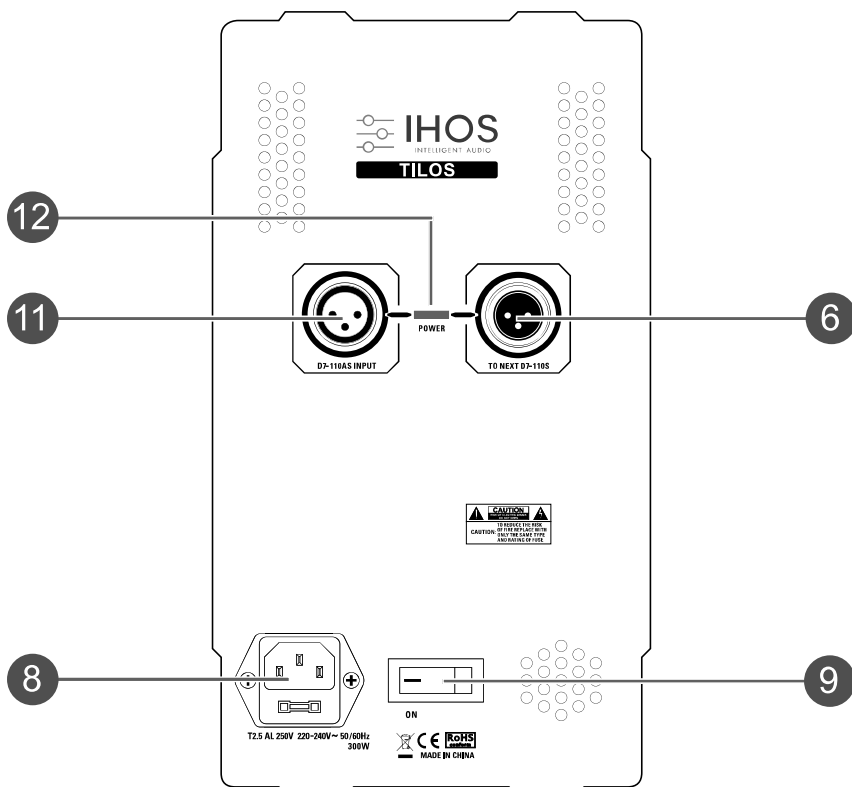


# FEATURES

## Control Panel




# Control Panel



# SPECIFICATION

Model	TILOS					
Type	Active subwoofer with DSP	Active subwoofer	Active subwoofer with DSP	Active subwoofer	Passive full range satellite	Passive full range satellite
Power	250W+250W(Sub) /250W (Sat) RMS	250W+250W(Sub) RMS	250W(Sub) /250W (Sat) RMS	250W(Sub) RMS	200W RMS	100W RMS
Impedance	4Ω+4Ω	4Ω+4Ω	4Ω	4Ω	8Ω	16Ω
Frequency response (-10dB)	50 Hz-200 Hz	50 Hz-200 Hz	50 Hz-200 Hz	50 Hz-200 Hz	200 Hz-20K Hz	200 Hz-20K Hz
MAX SPL@1m	121dB	121dB	115dB	115dB	117dB	114dB
Sensitivity knob	+4dBu/-10dBu	+4dBu/-10dBu	+4dBu/-10dBu	+4dBu/-10dBu	-	-
Input	1* XLR-Combo	1* XLR	1* XLR-Combo	1* XLR	1* Speakon 1* touch connect	1* Speakon 1* touch connect
Output	2* XLR, 1* Speakon, 1* touch connect	1* XLR	2* XLR, 1* Speakon, 1* touch connect	1* XLR	1* connect jack	1* connect jack
Speaker	2*10"	2*10"	1*10"	1*10"	12*2.75"	6*2.75"
Dispersion Angle	-	-	-	-	horizontal 90°	horizontal 90°
Crossover	200Hz,24dB/oct.	200Hz,24dB/oct.	200Hz,24dB/oct.	200Hz,24dB/oct.	200Hz,24dB/oct.	200Hz,24dB/oct.
Support fix	1*φ25mm,1*M20	/	1*φ25mm,1*M20	/	1*φ25mm	1*φ25mm
Power supply	220 – 240 VAC 50 / 60Hz	220 – 240 VAC 50 / 60Hz	220 – 240 VAC 50 / 60Hz	220 – 240 VAC 50 / 60Hz	-	-
Fuse	T4AL 5*20mm	T3.15AL 5*20mm	T3.15AL 5*20mm	T2.5AL 5*20mm	-	-
Limiter	limit	-	limit	-	-	-
Cabinet material	PLY	PLY	PLY	PLY	Aluminum	Aluminum
Color	Black	Black	Black	Black	Black	Black
Dimensions (H*W*D)	360*660*480 mm	350*650*480 mm	310*500*450 mm	300*500*450 mm	935*95*106 mm	480*95*106 mm
Weight (N.W.)	25.8kg	24.8kg	17 kg	16 kg	4.75 kg	2.65 kg

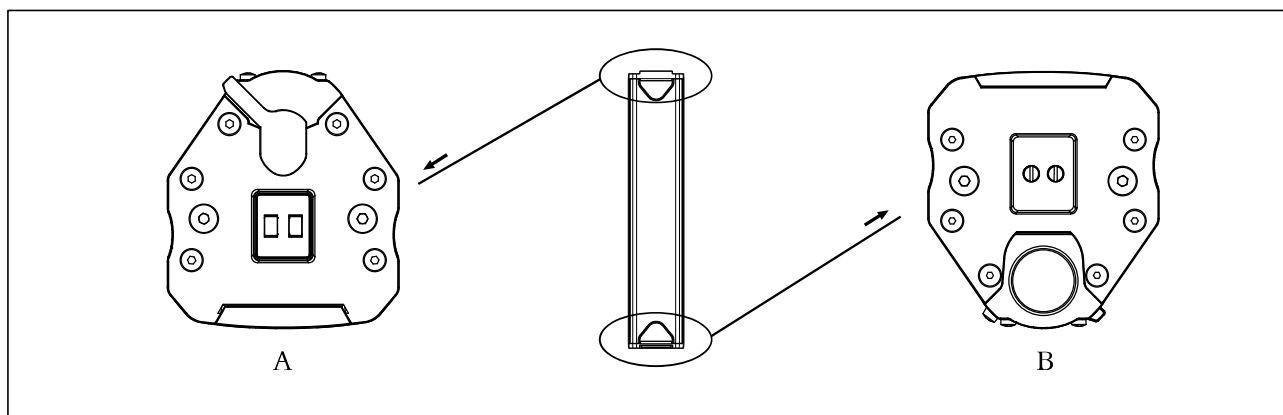
**NOTE:**  IHOS products are subject to a process of continuous development. Thus, the product specification in this user manual may be inconsistent with what you received.

# FEATURES

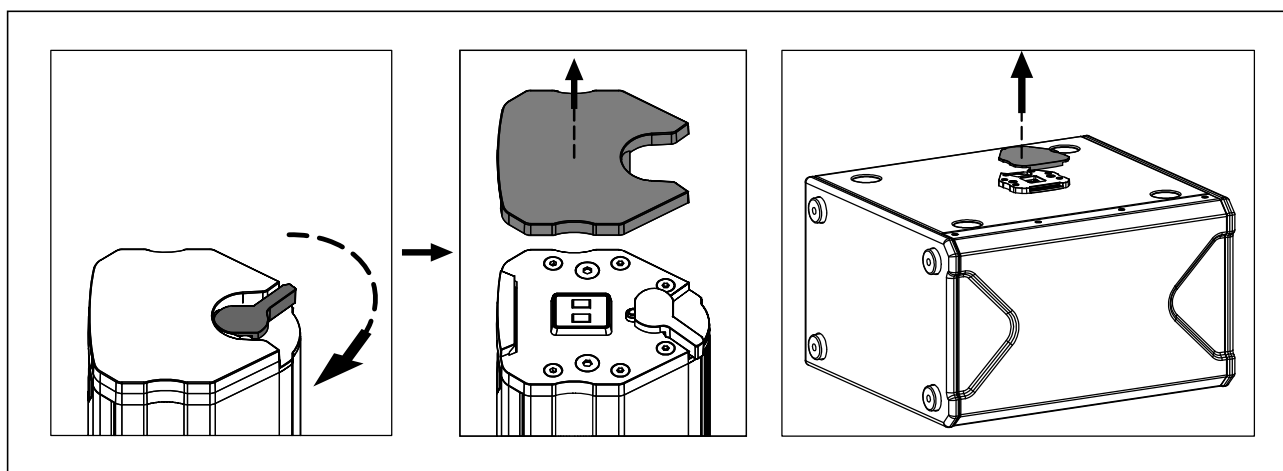
Panel Description		
<p><b>1.DSP:</b> LED light 1,2,3 to show three different combination modes</p> <p><b>2.Input:</b> Use XLR/TRS COMBO to connect a line-level device.</p> <p><b>3.Output:</b> Use XLR to connect D7-110S.</p> <p><b>4.Gain button:</b> When the button is depressed, sensitivity will be +14dB.</p> <p><b>5.Bass gain knob:</b> Increase or decrease frequencies at a range between -12dB to +6dB.</p> <p><b>6. Output:</b> Use XLR to connect D7-110S/D7-210S.</p> <p><b>7.Power/Limiter Indication:</b> Green= power on Red= Signal overload</p> <p><b>8. Power Socket:</b> Please make sure the switch is POWER OFF before you contact power cable.</p> <p><b>9.Power switch:</b> Use this switch to turn ON/OFF the unit.</p> <p><b>10.Signal output:</b> Use SPEAKON jack connect satellite.</p> <p><b>11.Signal input:</b> Use XLR/TRX jack to connect D7-110AS or D7-210AS.</p> <p><b>12. Power Indication:</b> LED light is blue when power on.</p>		

# INSTALLATION

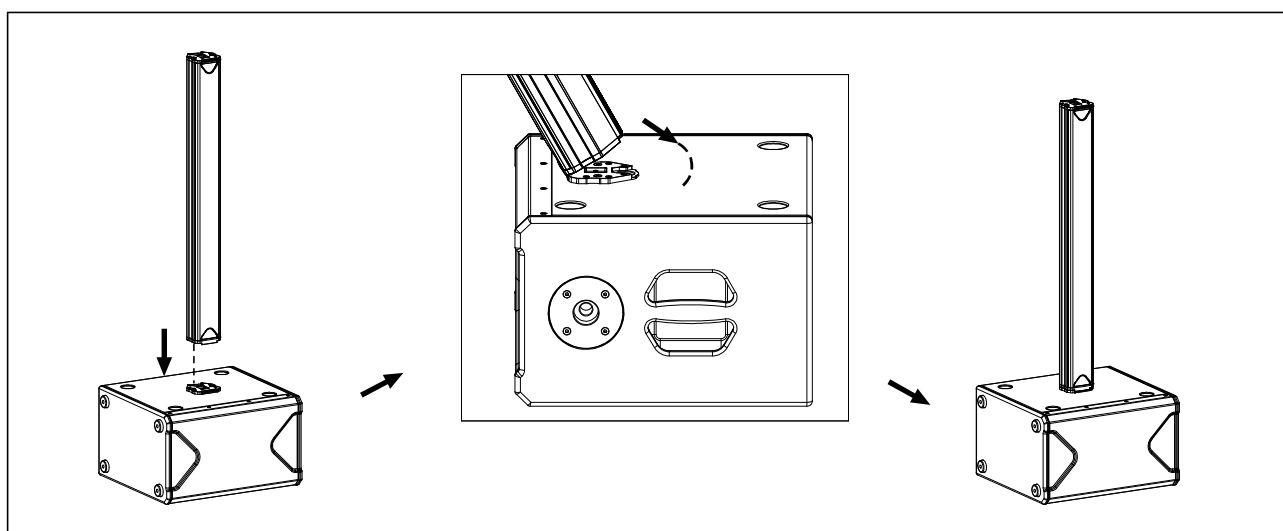
## 1. Satellite connect subwoofer directly



STEP 1, Please push the A lever, let the copper positioner pop-up.

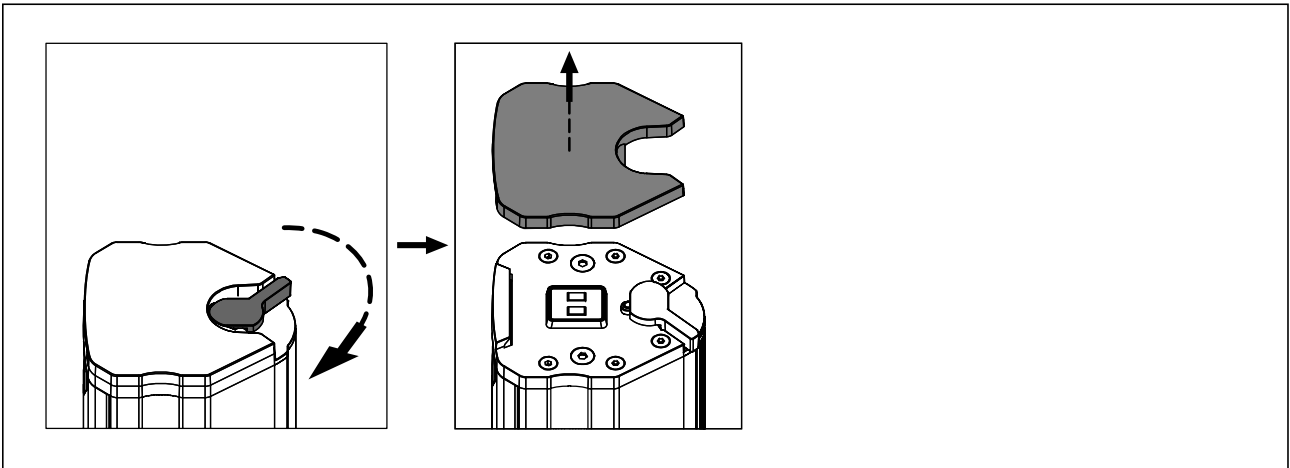


STEP 2, Please take off the protect cover on Satellite and subwoofer.



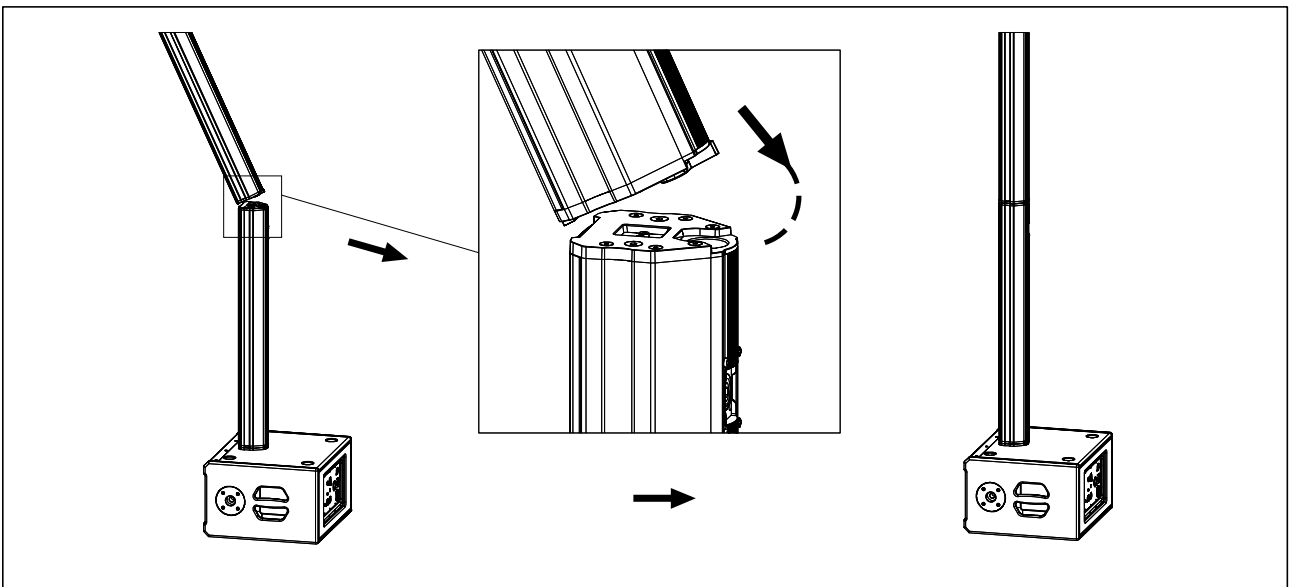
STEP 3, A base is downward, and let the Satellite base decline to match the Subwoofer connector socket. At last, the copper positioner will reset to fix the Satellite.

2. Satellite connect satellite directly:



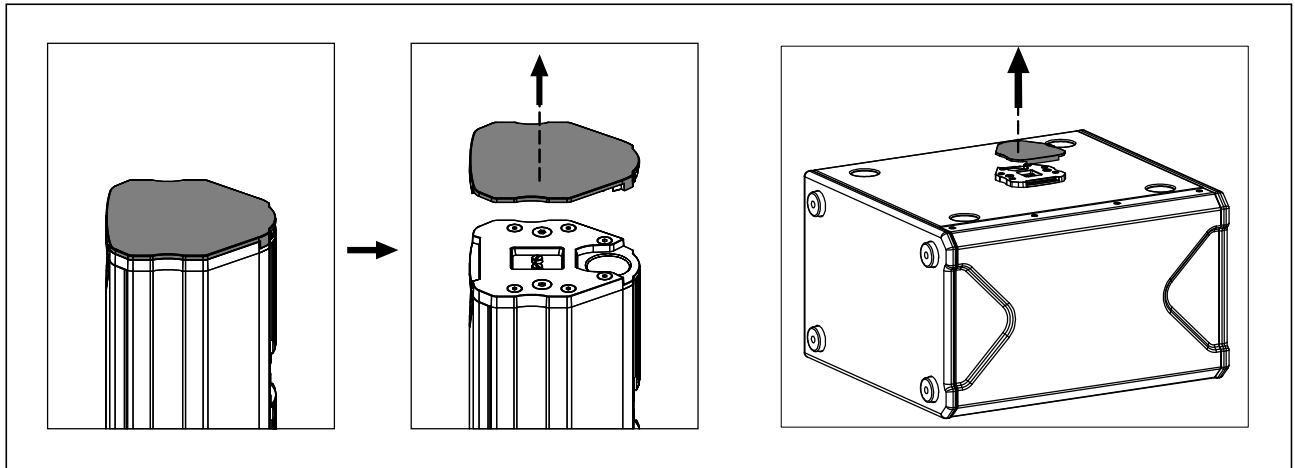
STEP 1, Please push the A lever, let the copper positioner pop-up.

STEP 2, Please take off the protect cover on Satellite and subwoofer.

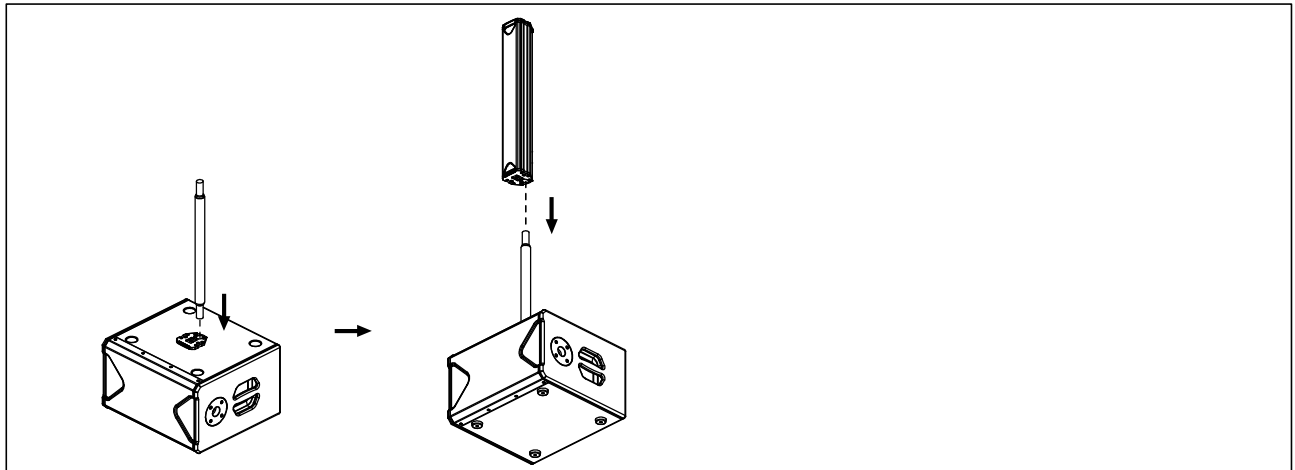


STEP 3, Added Satellite A base is downward, and let the Satellite base decline to match the Satellite B connector socket. At last, the copper positioner will reset to fix the Satellite.

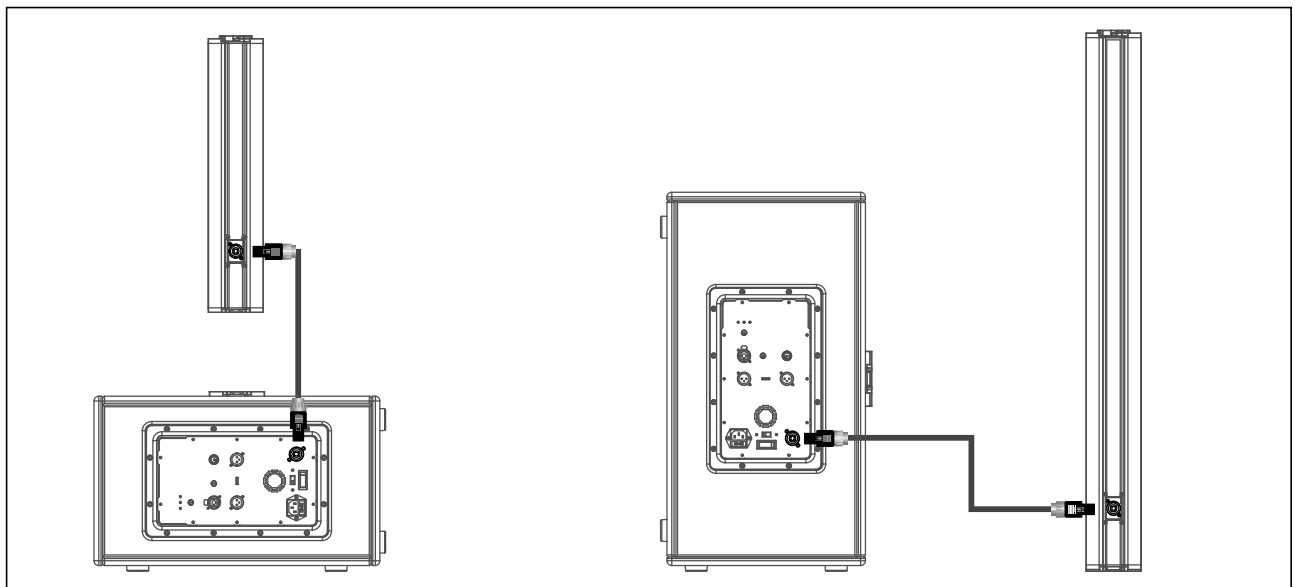
3. Satellite connected with Subwoofer by speaker poles :



STEP 1, Please push the A lever, let the copper positioner pop-up.

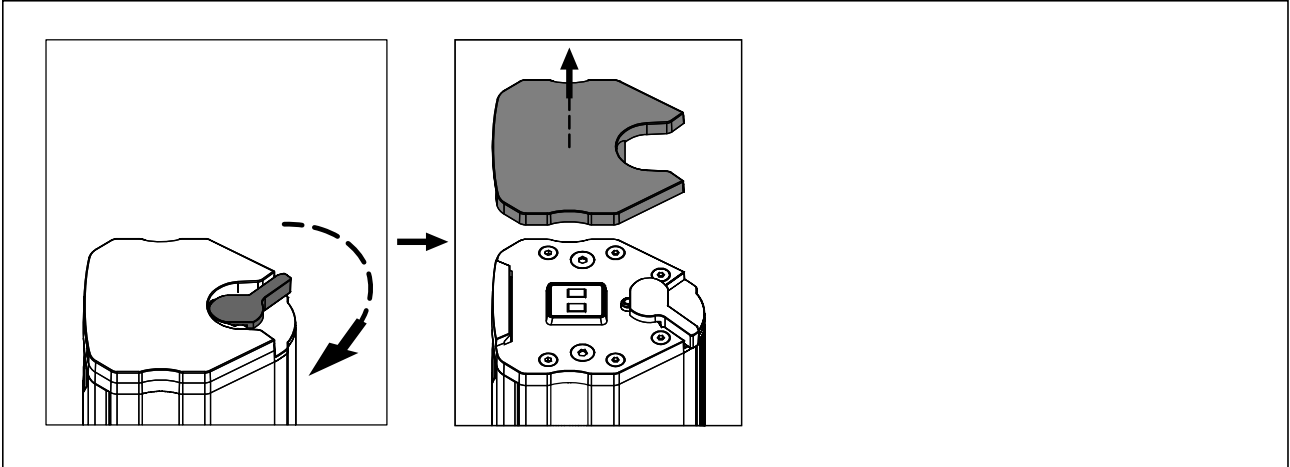


STEP 2, Please insert the speaker pole to fix on a subwoofer base socket. And let Satellite B base insert the speaker pole.

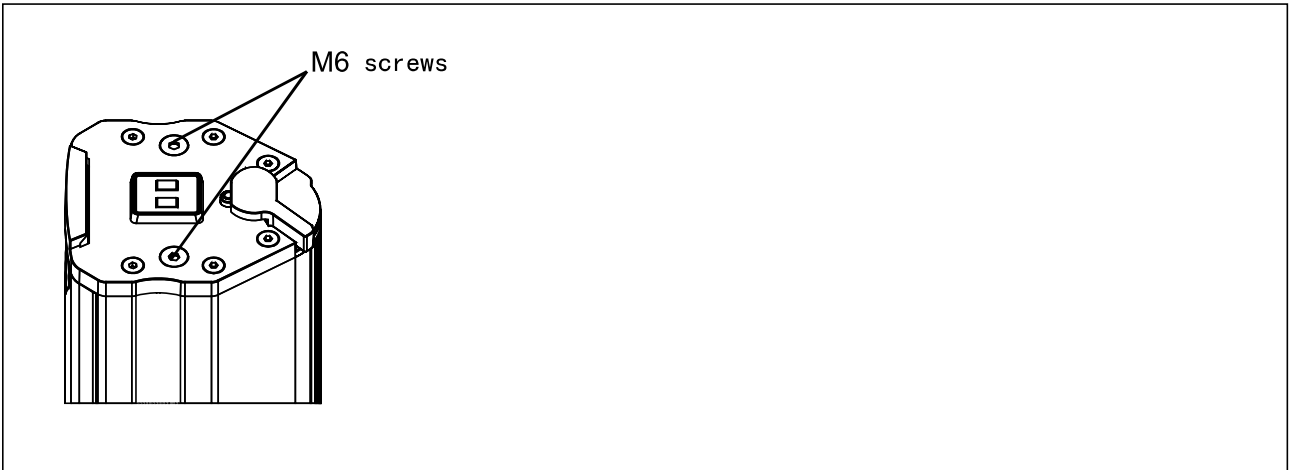


STEP 3, A cable with two speakon plugs to connect with Satellite socket and subwoofer speakon socket separately

4. Hoisting connection



STEP 1, Please push the A lever, let the copper positioner pop-up.



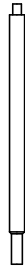
STEP 2, Take off Satellite A base the two M6 screws before hoisting.



# OPTIONAL ACCESSORIES

## Optional Accessories

Thread OD:M20mm  
Head OD:Ø25mm  
Tube OD:Ø35mm  
Length:535mm  
Color: Black



D7-S600 Pole

Head OD:Ø25mm  
Tube OD:Ø35mm  
Length:944mm  
Color: Black

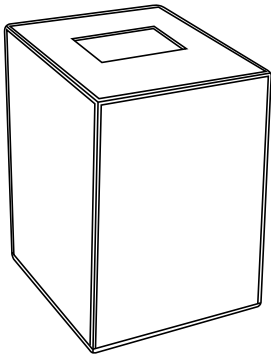


D7-S900 Pole

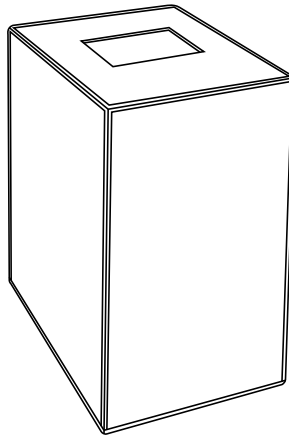
Thread OD:M20mm  
Head OD:Ø25mm  
Tube OD:Ø35mm  
Length:1135mm  
Color: Black



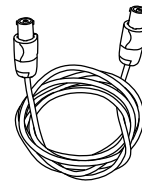
D7-S1100 Pole



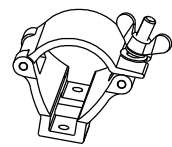
D7-110 Carry Bag



D7-210 Carry Bag




2m Speaker Cable



D7 Fly Adaptor

# SUPPORT AND TROUBLESHOOTING

TROUBLESHOOTING	
<b>No sound from the loudspeaker</b>	A. Make sure the power cord is fully and securely inserted in the IEC receptacle and in the outlet.
	B. Make sure all cables and other connected devices are properly and securely connected.
	C. Make sure the volume shouldn't be set to minimum.
<b>Noise</b>	A. Make sure the devices are normal.
	B. Make sure speaker cable connect normally.
<b>No sound from satellite</b>	A. Make sure Satellite connected with Subwoofer or Satellite normally.
	B. Make sure all cables and other connected devices are properly and securely connected.
<b>satellite sound problem</b>	A. Make sure DSP set to a correct combination mode, total: three combination modes.
<b>Subwoofer volume low</b>	A. Make sure BASS GAIN knob set to 12 o'clock.
<b>Screaming, noise, distorted sound from the Microphone</b>	A. Check to adjust the microphone volume and reverb to a appropriate level.
	B. Adjust the distance between the microphone and loudspeaker. Must not point to the microphone to loudspeaker directly.
	C. Make sure set tweeter EQ to a suitable range.
<b>Sound breaks up intermittently or sound distorts</b>	A. Make sure signal input don't over the range
	B. Make sure signal gain don't over the range.
<p>For additional help in solving problems.            Contact the  <b>IHOS</b> INTELLIGENT AUDIO at <a href="mailto:sales@i-hos.eu">sales@i-hos.eu</a></p>	

# 三包免责声明

## 三包规定细则

感谢您购买帕格索斯的产品，请在使用前认真阅读使用说明及本保修条例。

本产品本体保修条例执行中华人民共和国的产品三包条例。

【七天包退】自售出之日起七日内，用户在正常使用该产品的情况下，如果产品出现质量上的问题，可选择退货、换货或修理。

【八至十五天包换】售出后的第八日至第十五日，用户在正常使用该产品的情况下，如果出现产品质量上的问题，可选择换货或者修理。

【一年保修】自售出之日起一年内，用户在正常使用该产品的情况下，如果产品出现质量上的问题，并且属于正常保修范围内，可提供免费修理质保服务。

### 【三年维护】

自售出之日起一年后，用户在正常使用该产品的情况下，如果产品出现质量上的问题，第二、三年提供收费修理。

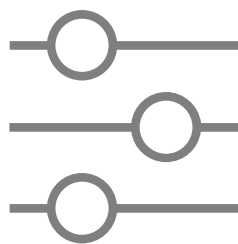
属于下列情况之一的产品，不实行三包。

- 一、过三包有效期的；
- 二、未按产品使用说明书的要求来使用、维护、保管而造成损坏的；
- 三、私自拆卸、改装、修理或试图修理过的产品；
- 四、无保修卡、擅自涂改保修卡、无发票的；
- 五、保修卡上的产品型号、产品序列号与产品实物不相符的；
- 六、因意外事故，错误使用和不可抗的自然因素，所造成损坏的产品；
- 七、因用户运输、使用保管不当而导致损坏的产品（如受潮腐蚀、机械损伤等）。

所有保修仅提供于在中国大陆地区销售的产品。\*电池不在保修范围内\*

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# IHOS

INTELLIGENT AUDIO

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