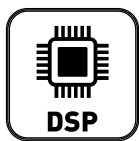




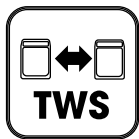
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Naxos PBS 6.5

User Manual



DSP



TWS



BATTERY



MP3



KG

6.6 KG



1. IMPORTANT SAFETY INSTRUCTIONS

Watch for these symbols:



- The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Warning: to reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
16. Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
17. To completely disconnect this apparatus from the ac mains, disconnect the power supply cord plug from the ac receptacle.
18. The mains plug of the power supply cord shall remain readily operable.
19. This apparatus contains potentially lethal voltages. To prevent electric shock or hazard, do not remove the chassis, input module or ac input covers. No user serviceable parts inside. Refer servicing to qualified service personnel.
20. The loudspeakers covered by this manual are not intended for high moisture outdoor environments. Moisture can damage the speaker cone and surround and cause corrosion of electrical contacts and metal parts. Avoid exposing the speakers to direct moisture.
21. Keep loudspeakers out of extended or intense direct sunlight. The driver suspension will prematurely dry out and finished surfaces may be degraded by long-term exposure to intense ultra-violet (UV) light.
22. The loudspeakers can generate considerable energy. When placed on a slippery surface such as polished wood or linoleum, the speaker may move due to its acoustical energy output.
23. Precautions should be taken to assure that the speaker does not fall off a stage or table on which it is placed.
24. The loudspeakers are easily capable of generating sound pressure levels (SPL) sufficient to cause permanent hearing damage to performers, production crew and audience members. Caution should be taken to avoid prolonged exposure to SPL in excess of 90 dB.



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



Li-ion



Li-ion

CAUTION, this product contains rechargeable Li-ion battery special precautions must be taken:

- Do not disassemble, short circuit or expose it to heat and fire.
- Do not use it if the tight casing is damaged or inflated.
- Separate this from other types of wastes and recycle it.

2. FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1). this device may not cause harmful interference, and
- (2). this device must accept any interference received, including interference that may cause undesired operation.

3. DECLARATION OF CONFORMITY

The product is in compliance with the following European Directives:

EMC 2014/30/EU, RED 2014/53/EU, LVD 2014/35/EU, RoHS 2011/65/EU and WEEE 2012/19/EU.

WARNING (EN 55032 CISPR 32)

This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference. Under the EM disturbance, the ratio of signal-noise will be changed above 10 dB.

4. LIMITED WARRANTY

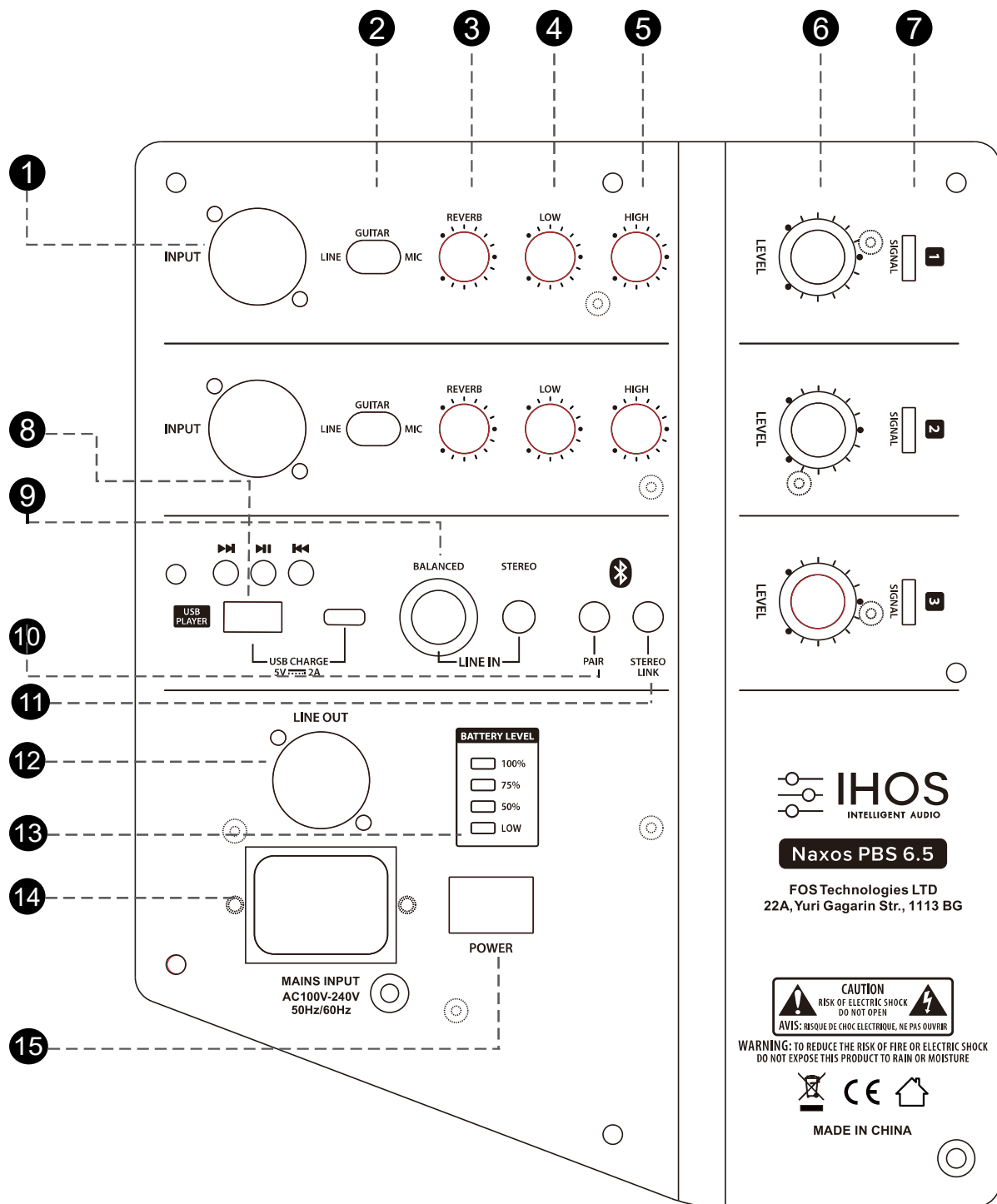
Naxos PBS 6.5 warrants all materials, workmanship and proper operation of this product for a period of one year from the original date of purchase. If any defects are found in the materials or workmanship or if the product fails to function properly during the applicable warranty period, the owner should inform about these defects the dealer or the distributor, providing receipt or invoice of date of purchase and defect detailed description. This warranty does not extend to damage resulting from improper installation, misuse, neglect or abuse. Naxos PBS 6.5 will verify damage on returned units, and when the unit has been properly used and warranty is still valid, then the unit will be replaced or repaired. Naxos PBS 6.5 is not responsible for any "direct damage" or "indirect damage" caused by product defectiveness.

- This unit package has been submitted to ISTA 1A integrity tests. We suggest you control the unit conditions immediately after unpacking it.
- If any damage is found, immediately advise the dealer. Keep all unit packaging parts to allow inspection.
- Naxos PBS 6.5 is not responsible for any damage that occurs during shipment.
- Products are sold "delivered ex warehouse" and shipment is at charge and risk of the buyer.
- Possible damages to unit should be immediately notified to forwarder. Each complaint for package tampered with should be done within eight days from product receipt.

5. CONDITIONS OF USE

Audio do not accept any liability for damage caused to third parties due to improper installation, use of non-original spare parts, lack of maintenance, tampering or improper use of this product, including disregard of acceptable and applicable safety standards. Naxos PBS 6.5 strongly recommends that this loudspeaker cabinet be suspended taking into consideration all current National, Federal, State and Local regulations. The product must be installed by qualified personal. Please contact the manufacturer for further information.

6. MAIN PANEL



7. MAIN PANEL OPERATIONS

1. CH1/CH2 INPUT

These are a COMBO connectors that accept XLR plugs or JACK plugs. The balanced XLR input is wired as follows:

Pin 1 = shield or ground

Pin 2 = + positive or "hot"

Pin 3 = - negative or "cold"

It accepts any MIC level signal from a dynamic microphone connected using an XLR cable. The unbalanced JACK input is wired as follows:

Tip = + positive or "hot"

Sleeve = shield or ground

This is a high impedance input that accepts a JACK plug from any instrument or line level instrument like acoustic guitar, fiddle pickup, electric guitar and so on.

2. CH1/CH2 LINE/GUITAR/MIC

These switches set the optimal sensitivity and impedance of channel inputs between LINE, GUITAR or MICROPHONE.

3. CH1/CH2 REVERB

These potentiometers set the level of CH1 / CH2 channels reverb effect.

4. CH1/CH2 LOW

These potentiometers set the CH1 / CH2 channels low EQ.

5. CH1/CH2 HIGH

These potentiometers set the CH1 / CH2 channels high EQ.

6. CH1 / CH2 / CH3 LEVEL

These potentiometers set the level of CH1 / CH2 / CH3 channels.

7. CH1 / CH2 / CH3 SIGNAL

These GREEN LEDs illuminates when a signal is present at the inputs.

8. USB PORT

This USB port can be used to supply or recharge the user tablet/smartphone, or for service operation.

9. STEREO IN (MINI JACK)

This is a MINI JACK (3.5mm) female connector that accepts a STEREO MINI JACK plug from Computer / CD / DVD / MP3 players. The MINI JACK is wired as follows:

Tip = positive signal of left channel

Ring = positive signal of right channel

10. PAIR

Use this button to link the BLUETOOTH device (tablet, smartphone and others). To connect a BLUETOOTH device:

- If a device has been already previously associated, it is relinked automatically when the Naxos PBS 8 is turned on (if the BLUETOOTH is activated in the device): the BLUE LED remains lit steadily.
- If the BLUE LED flashes, the Naxos PBS 8 is ready to be associated with the device: select Naxos PBS 8 in the BLUETOOTH menu of your device. Once the device is connected, the BLUE LED remains lit steadily.
- If you want to reconnect a BLUETOOTH device, press and hold the PAIR button until the correspondent BLUE LED flashes, then select Naxos PBS 6.5 in the BLUETOOTH menu of your device.

NOTE: the audio file types and quality playable with Bluetooth connection depends on the Bluetooth device used. The Bluetooth connection range is about 10 m (33 feet).

11. TWS

Two products of the same model can be turned on simultaneously

12. LINE OUT (JACK)

This female JACK connector provides an unbalanced line-level signal with the mix of all the inputs. Connect it to the input of another audio system or powered speaker.

13. BATTERY LEVEL

This LED bar shows the battery level when the sound system is switched on.

LOW: this RED LED indicates that the residual power of the internal battery is lower than 50% of the capacity (the other LEDs are off). When this LED is on, connect your system to a mains line.

50%: this GREEN LED indicates that the residual battery power is between 50% and 75% of the capacity.

75%: this GREEN LED indicates that the residual battery power is between 75% and 100% of the capacity. **100%:** this GREEN LED indicates that the internal battery is fully charged.

14. POWER SWITCH

Use this switch to power ON or OFF the loudspeaker. It is "ON" when the switch is in the "I" position.

Note: if the unit is connected to the mains line, the internal supply circuit charges the battery also if the unit is switched off. In order to extend the battery life, the charging starts when the battery level is below 75% of the capacity, whether the system is on or off.

15. AC~ SOCKET

Here's where you plug in your mains supply cord. You should always use the mains cord supplied with the device.

8. TECHNICAL SPECIFICATIONS

System type	: 2-way vented enclosure with HF array
High Frequency Device	: 1 x 1.35" coaxial driver HF speaker
Low Frequency Device	: 1 x 6.5" woofer
Frequency response (-3 dB)	: 60 Hz - 18 kHz
Max. SPL	: 112 dB
Coverage angle (H x V)	: 120° x 50°
Total peak power	: 500W
Input Connectors	: 2 x XLR/TRS Combo (balanced) 1 x 3.5mm Jack Stereo
Output Connectors	: 1 x 6.35mm Jack (unbalanced) 1 x USB type C Charge port
Input Channels	: 2x MIC/LINE 1x LINE/BT
DSP Processing	: YES
Mic/Line Controls	: Reverb, Low, High, Level
Stereo in/Bluetooth Controls	: Pair, Level
Processing	: 32bit DSP, 24bit AD/DA
Bluetooth	: 5.3, Audio Streaming
Enclosure material	: Polypropylene
Finish	: Black Textured
Grille material	: Powder coated steel
Handles	: 1 x top
Mounting Pole	: 1 x bottom
Weight	: 6,6 kg 14.55 lb
USB charging	: 2 A max
Power Supply	: 100 - 240 V~, 50 / 60 Hz
Consumption	: 100 W
Battery type	: Rechargeable Lithium-ion 6000mAh
Battery play time (at medium level)	: 8 hours