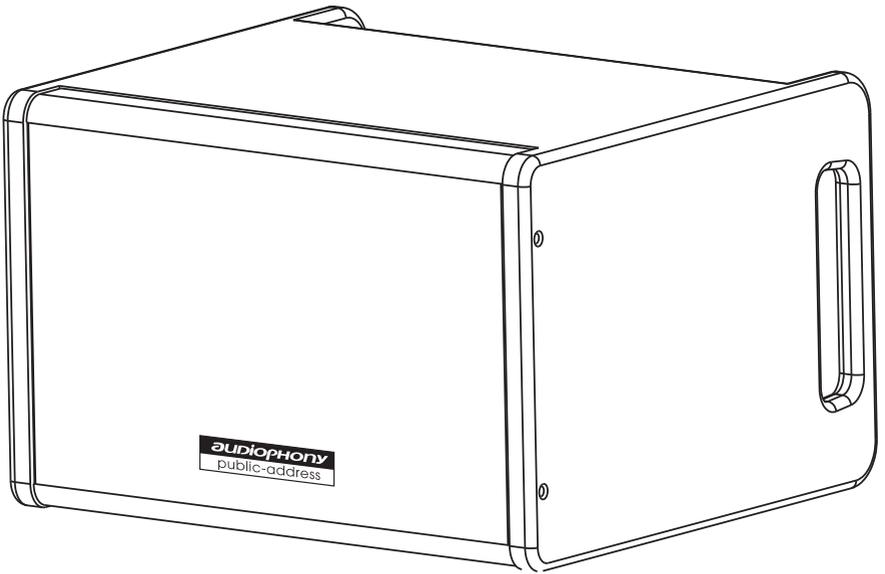


Self-powered subwoofer with active outputs



MIO-Sub8150b

USER GUIDE

10153 - February 2014 - Version 1.0

1 - Safety information

Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.

Symbols used



This symbol signals an important safety precaution.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.



The CAUTION symbol signals a risk of product deterioration.

Instructions and recommendations

1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :

We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.

Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :

The cooling vents ensure a safe use of this product, and avoid any overheating risk. Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer.
In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.

Sound levels

Our audio solutions deliver important sound pressure levels (SPL) that can be harmful to human health when exposed during long periods. Please do not stay in close proximity of operating speakers.

Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

10 - Electric power supply :

This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :

Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :

Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :

Do not let any object penetrate this product as it may result in electric shock or fire. Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :

Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :

Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

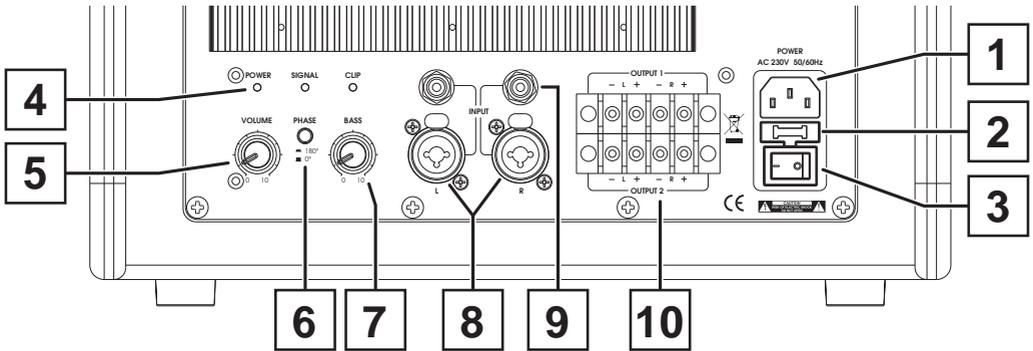
17 - Operating environment :

Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).
Do not operate this product in a non-ventilated, very humid or warm place.

2 - Main characteristics

- High-efficiency self-powered subwoofer
- Up to 4 satellites simultaneously
- Steel protective grille
- XLR/Jack and RCA inputs
- Independent LF volume control

3 - Description



1 Power input socket

Allows you to connect your amplification module to an electrical outlet via the supplied power cord. Please make sure the voltage delivered is compatible with your built-in amplification module (230V) before connecting it.

2 Fuse

Protects the built-in amplification module. If need to replace it, please make sure the new one has the exact same characteristics.

3 Power button

Allows you to activate/deactivate the built-in amplifier.

4 Indicator LEDs

- **Power:** Lights up to indicate the amplification module is activated.

- **Signal:** Lights up to indicate a signal has been detected via the module inputs.

- **Clip:** Lights up to indicate the signal level exceeds 0dB. In this situation, please use the volume control knob to decrease the volume so this LED only lights up occasionally. You will then benefit from a better sound quality and avoid serious damages to your subwoofer.



5 Volume control knob

Allows you to adjust the main volume (satellites and basses). Please make sure the CLIP LED only lights red occasionally to guarantee an optimal sound quality.

6 PHASE Button

Activate this function if basses are not powerful enough. In most cases, weak basses are due to a poor satellites positioning with the subwoofer.

7 BASS Control knob

Allows you to adjust basses amplification level.

8 Left and right inputs via COMBO sockets

The COMBO socket allows you to either connect a male XLR or male mono/stereo Jack plug.

9 Left and right inputs via RCA sockets

Unbalanced inputs.

10 Output terminals

Connect here your speakers cable by making sure you respect the polarities.

Speakers connected to these terminals must not have an impedance lower than 8 Ohms.

When connecting cables, please make sure output 1 and output 2 do not come into contact. Please try tinning your cables before connecting them in order to guarantee an optimal lifespan to your cables.

You can connect up to 4 x 8 Ohms satellites to a single subwoofer. Two satellites via OUTPUT 1 and two via OUTPUT 2.

4 - Technical specifications

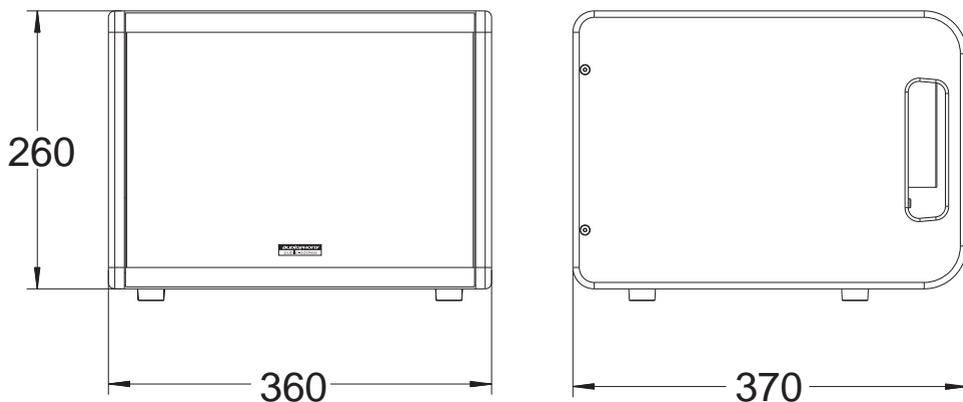
SUBWOOFER

Power	150W
Impedance	8 Ohms
Transducer	8" boomer
Max. SPL (@1m)	120dB
Frequency response	45 Hz - 160 Hz
Materials	Plywood housing
Dimensions (l x h x d)	360 x 260 x 370 mm
Depth	10.3 Kg

AMPLIFICATION

Power	LF: 1 x 150W / mid/high frequencies: 2 x 40W at 4 Ohms
Phase settings	0° / 180°
Settings	Main volume and independent bass settings
Input connectors	2 Balanced Combo sockets / 2 Unbalanced RCA sockets
Output connectors	2 Left and right satellites terminals (4 x 8 Ohms satellites)
Indicators	Power, Signal and Clip LEDs
Protections	Short-circuits, thermal and limiter
Cooling system	Convection-cooled (silent)

5 - Dimensions



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