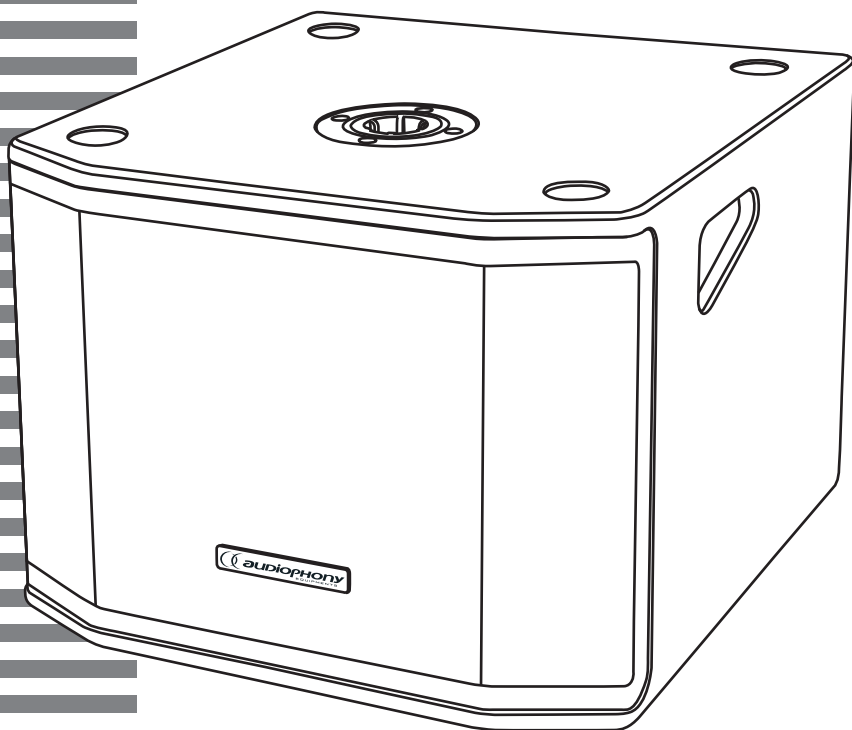


Amplified subwoofer - 12" - 400W RMS

GOA
GEARS OF ART



MTsub12A

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.



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.



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



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.



Risk of electrocution

To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.



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.

Symbols used



This symbol signals an important safety precaution.



The CAUTION symbol signals a risk of product deterioration.



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

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...

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 - Preparation

Checking the package contents

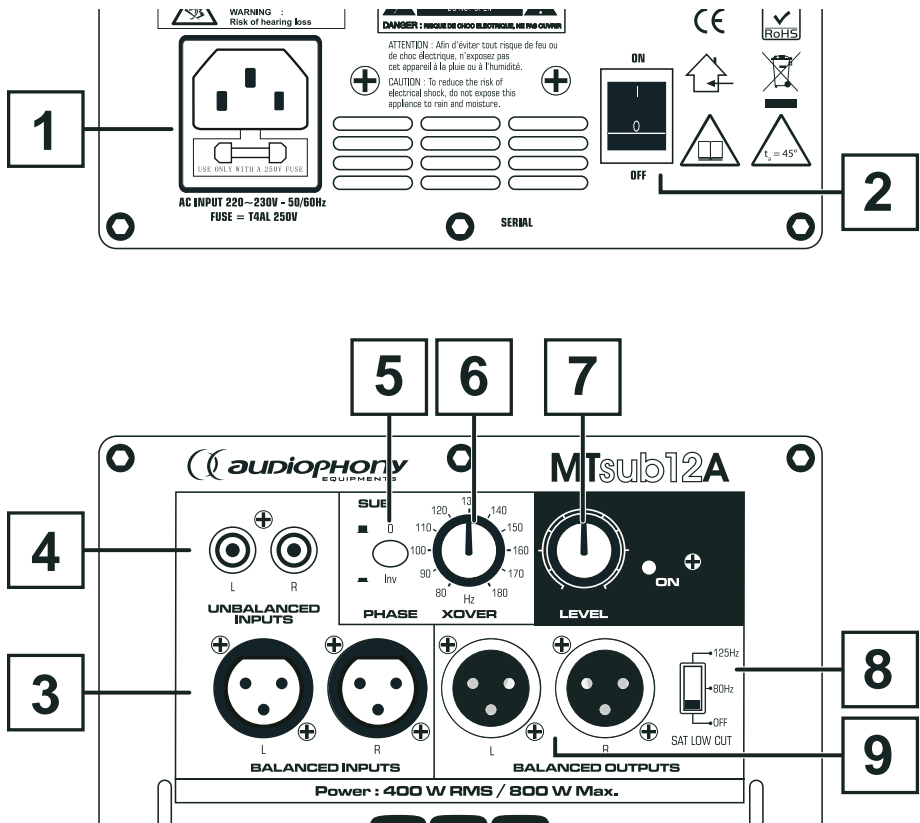
The package must contain the following articles:

- Your MTSUB12A
- The user guide
- 1 CEE power cord

Installation

- Install your subwoofer over a plane area.
- Please make sure to install your subwoofer in a properly ventilated place, unexposed to sunlight rays, excessive temperatures or humidity.

3 - Rear panel



1 Power input socket

Connect here the supplied power cord.
Please only use this power cord or an equivalent one.

2 Power button

Please turn the LEVEL knob to 0 before activating your subwoofer.

3 BALANCED INPUTS

Balanced female XLR inputs.
Connect here your mixing desk or any other line-level source.

4 UNBALANCED INPUTS

Unbalanced female RCA inputs.
Connect here your mixing desk or any other line-level source.
When using long runs of cables, please use the balanced inputs aforementioned in order to avoid parasitic noises.

5 PHASE

Phase inverter switch.
The phase inversion is especially useful when using several subwoofers simultaneously.
Depending on the position of your subwoofers, low frequencies might cancel each other. use the phase inverter to fix this.

6 XOVER

Cutoff frequency control knob.
Use this knob to adapt the cutoff frequency of your subwoofer to your broadband speakers.

7 LEVEL

Allows you to adjust level output of your subwoofer.
This can be set at maximum, however make sure not to exceed a 0dB volume output via your mixing desk to ensure optimal sound quality.

8 SAT LOW CUT

Allows you to adjust the cutoff frequency of "BALANCED OUTPUTS".
Position it onto 80Hz or 125Hz if you need your subwoofer only to amplify low frequencies.

9 BALANCED OUTPUTS

Balanced male XLR outputs.
Use these outputs to send the incoming signal to your satellites.
Signals going through these outputs are not amplified nor affected by the LEVEL control knob.
Activate the SAT LOW CUT function for the signal to be filtered at the selected frequency (80Hz or 125Hz).

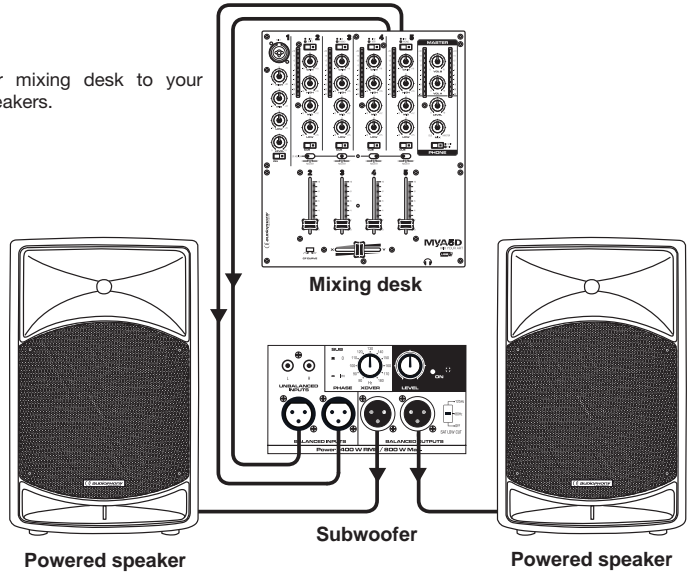
4 - Technical specifications

- Total power output: 400 W RMS / 800 W Max
- Switched-mode power supply unit
- Frequency response: 50 Hz to 180 Hz
- Sound Pressure Level: 124 dB max
- Woofer: 12", 4 Ohms, 400 W RMS
- 1 Line-level stereo input via XLR and RCA
- 1 Line-level stereo input via XLR
- Volume settings
- Subwoofer cutoff frequency: 80 to 180 Hz
- Low-pass filter (OFF-80-125) for satellites output
- Phase correction: 0-180°
- Protections: SC, thermal and limiter
- Cubic plywood housing with bass reflex and integral grille
- 2 side handles
- 36mm mounting plate for stands (on top)
- Dimensions: 469 x 489 x 360 mm
- Net weight: 21,6 kg

5 - Standard installation

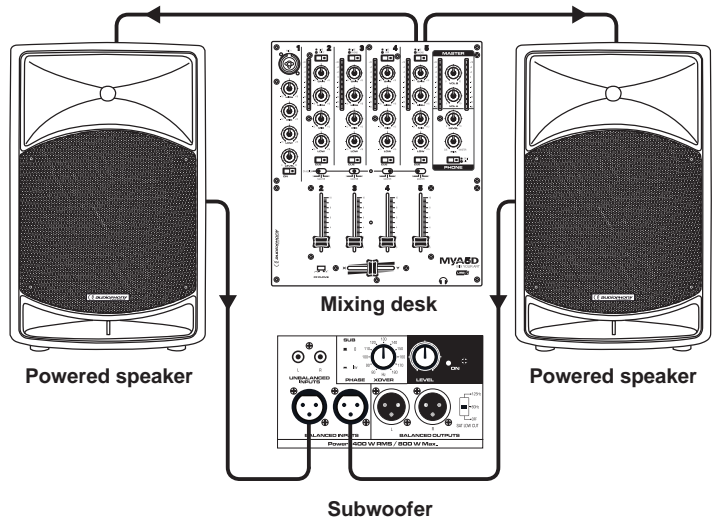
Installation 1

Your signal is sent from your mixing desk to your subwoofer, then sent to your speakers.



Installation 2

Your signal is sent from your mixing desk to your speakers, then sent to your subwoofer.



6 - Notes

Because AUDIOPHONY® takes the utmost care in its products to make sure you only get the best possible quality, our products are subjects to modifications without prior notice. That is why technical specifications and the products physical configuration might differ from the illustrations.

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