

User
Manual



SUB 2
Active Subwoofer



Maximum Usage 18mm
Exclusive 45°

Safety instructions

When using this electronic device, basic precautions should always be taken, including the following:

- 1 Read all instructions before using the product.
- 2 Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool etc). Care should be taken that objects do not fall into liquids and liquids would not be spilled on the device.
- 3 Use this device when you are sure that it has a stable base and it is fixed securely.
- 4 This product 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 consult with otorhinolaryngologist.
- 5 The product should be located away from heat sources such as radiators, heat vents, or other devices that produce heat.
- 6 Note for power connections: for pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- 7 The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave device plugged into the outlet when it is not being used for a long period of time.
- 8 Power disconnection: when the power cord connected to the power grid is connected to the machine, the standby power is turned ON. When the power switch is turned ON, the main power is turned ON. The only operation to disconnect the power supply from the grid, unplug the power cord.
- 9 Protective Grounding - An apparatus with class I construction shall be connected to a power outlet socket with a protective grounding connection.
Protective Earthing - An apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.
- 10 The lightning flash with an arrowhead symbol, with an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage¹ within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. 
- 11 The exclamation mark 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. 
- 12 There are some areas with high voltage inside, to reduce the risk of electric shock do not remove cover of the device or power supply. The cover should be removed by the qualified personnel only.
- 13 The product should be serviced by qualified service personnel if:
 - The power supply or the plug has been damaged.
 - Objects have fallen into or liquid has been spilled on the product.
 - The product has been exposed to rain.
 - The product has been dropped or the enclosure damaged.

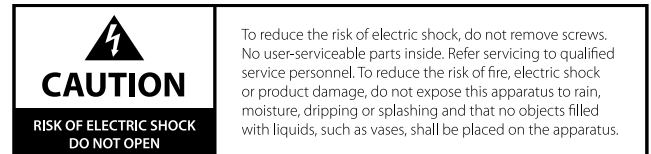




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Before you start

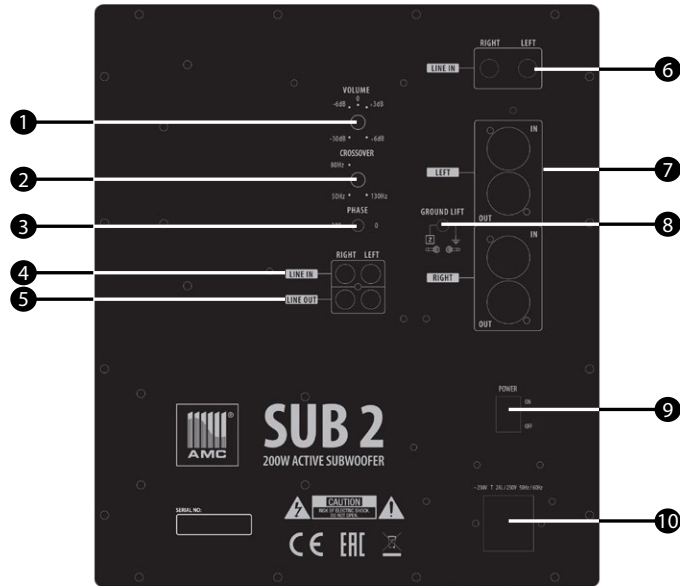
SUB 2 is an active subwoofer for public address and home installations. It features front mounted 10" driver, 200 W power amplifier with built-in limiter, 20 Hz - 130 Hz frequency response, crossover, volume and phase control and a ground lift switch.

FEATURES

- Front mounted 10" speaker
- 200 W power amplifier
- Built-in limiter
- 20 Hz - 130 Hz frequency response
- Crossover, volume and phase control
- ground lift switch
- Line level stereo inputs and high-pass outputs
- Stereo RCA and balanced 6.3 mm TRS Jack and XLR inputs

Operation

Rear Panel



1. Volume control | 2. Crossover control | 3. Phase control | 4. Line level signal input (RCA) | 5. Line level signal output (RCA) | 6. Balanced line level signal input (TRS) | 7. Balanced line level signal inputs and outputs (XLR) | 8. Ground lift switch | 9. Power switch | 10. Mains lead socket and fuse

Operation

Rear panel functions

VOLUME CONTROL

Adjusts subwoofer volume level.

CROSSOVER CONTROL

Moves crossover point between 50Hz and 130Hz.

PHASE

Inverts the phase of the audio signal.

GROUND LIFT SWITCH

Ground lift switch is used to eliminate or reduce noise caused by ground loops. Setting the switch to "Z" position means that audio signal ground is disconnected from chassis ground.

POWER SWITCH

Turns subwoofer ON or OFF

MAIN POWER SOCKED AND FUSE

Power connector for mains power, combined with fuse holder. Use only the same type of fuse that is written on the device.

General Specifications

SUB 2 active subwoofer

Power supply	AC 230 V, 50 Hz
Rated power	200 W
Frequency response	20 Hz - 130 Hz
Crossover point	50 Hz - 130 Hz
Driver dimensions	10" (254 mm)
Input gain control	- 6 dBu - +3 dBu
Input impedance	10 k Ω
Inputs	Stereo RCA, balanced stereo 6,3 mm TRS, balanced stereo XLR
Outputs	Stereo RCA, balanced stereo XLR
Dimensions	355 mm x 380 mm x 370 mm
Weight	12 kg
Material	Painted MDF
Colour	Black (RAL 9017)

The specifications are correct at the time of printing this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.