

User
Manual

SBS 10
Active Subwoofer With Satellite Outputs



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.

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	<p>To reduce the risk of electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel. To reduce the risk of fire, electric shock or product damage, do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.</p>
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Before you start

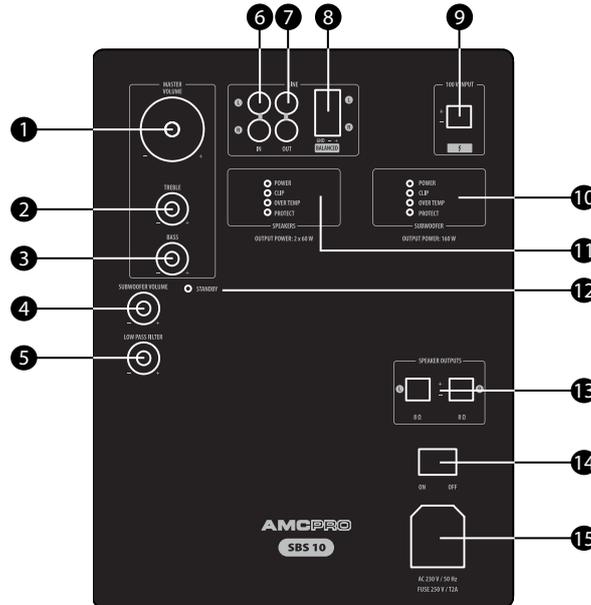
SBS 10 is an active subwoofer with satellite speaker outputs for public address and home audio installations. Separate 160 W subwoofer and 2 x 60 W speaker amplifiers, 20 Hz - 20 kHz frequency response, two band equalizer, low pass filter and volume controls. 10" subwoofer driver. Features dual protection circuitry for subwoofer and satellite speaker amplifiers.

FEATURES

- 160 W subwoofer amplifier
- 2 x 60 W speaker amplifier
- 20 Hz - 200 Hz subwoofer frequency response
- 20 Hz - 20 kHz satellite speakers frequency response
- High level input for 100 V audio system installations
- Line level stereo inputs and outputs
- Dual protection circuitry for subwoofer and speaker amplifiers
- 10" subwoofer driver

Operation

Rear Panel



1. Master volume control | 2. Treble control | 3. Bass control | 4. Subwoofer volume | 5. Low pass filter control | 6. Line level signal input | 7. Line level signal output | 8. Balanced line level signal input | 9. 100 V signal input | 10. Indicators for subwoofer amplifier | 11. Indicators for satellite speakers amplifier | 12. Standby power indicator | 13. Satellite speaker outputs | 14. Power switch | 15. Mains power socket and fuse box

Operation

Rear Panel Functions

MASTER VOLUME CONTROL

Adjusts volume level for subwoofer and satellite speakers.

TREBLE & BASS CONTROLS

Adjusts equalizer for subwoofer and satellite speakers.

SUBWOOFER VOLUME

Adjusts volume level for subwoofer only.

LOW PASS FILTER CONTROL

Adjusts subwoofer low pass filter frequency.

LINE LEVEL SIGNAL INPUT & OUTPUT

Stereo RCA connectors for line level signal.

BALANCED LINE LEVEL SIGNAL INPUT

Stereo input for balanced line level signal.

100 V SIGNAL INPUT

Input for 100 V audio signal.

INDICATORS FOR SUBWOOFER AND SATELLITE SPEAKER AMPLIFIERS

POWER – indicates that the amplifier is getting power and working

CLIP – indicates that the signal level is too high and sound clipping is occurring

OVER TEMP – indicates abnormally high amplifier temperature

PROTECT – indicates that the amplifier protection circuitry is activated

STANDBY POWER INDICATOR

Indicates that the subwoofer is in standby power saving mode.

SATELLITE SPEAKER OUTPUTS

Connection for satellite speakers.

Amplifier power: 2 x 60 W, impedance: 8 Ω

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

SBS 10 active subwoofer with satellite speaker outputs

Power supply	AC 230 V, 50 Hz
Power consumption	Full power: 320 W Idle: 26 W Standby: 0.7 W
Power saving features	Standby after 3 min.
Subwoofer frequency response	20 Hz - 200 Hz
Speaker output frequency response	20 Hz - 20 kHz
Crossover point	40 Hz - 200 Hz
Equalizer center poin (Bass)	30 Hz +/- 12 dBu
Equalizer center poin (Treble)	12 kHz +/- 12 dBu
Driver dimensions	10" (254 mm)
Input gain	0 dBu
Balanced input gain	0 dBu

Hi level input gain	+42 dBu
Power (subwoofer)	160 W
Power (satellite speakers)	2 x 60 W
Output impedance	8 Ω
Dimensions	380 mm x 417 mm x 424 mm
Weight	17 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.