

USER MANUAL

Jamo[®]

SUB 210

Powered Subwoofer

IMPORTANT SAFETY INSTRUCTIONS!

ENGLISH



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 electrical 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 product.

1. Read instructions.
2. Retain these instructions.
3. Heed all warnings.
4. Follow all instructions
5. Do not use this apparatus near water.
6. Clean only with a 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 third prong are provided for your safety. If the provided plug does not fit 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 the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, used 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. Apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. An appliance input coupler is used as the disconnect device-the disconnect device shall remain readily operable.

INSPECTION

We want your new speaker system to look as good as it did leaving the factory! Please check promptly for any transit damage. Carefully unpack your new speaker system and verify the components against the packing list. In extreme circumstances, items may have become damaged in transit. If any damage is discovered, notify the delivery service and dealer where the system was purchased. Make a request for inspection, and follow their instructions for evaluation. Be sure to keep the product's original shipping carton.

CARE AND CLEANING

Your subwoofer has a durable vinyl finish that should only require dry dusting or cleaning with a dry cloth. Avoid the use of abrasive or solvent-based cleaners and harsh detergents. The brush attachment of your vacuum should remove any dust from your subwoofer enclosure.

PLACEMENT

Jamo® powered subwoofers are designed to reproduce deep bass and deliver the impact that makes your movies and music come alive. For optimum performance, place your subwoofer in a corner of the room on the same wall as your front channel speakers. (refer to Figure 1). Please note that room placement can have a dramatic effect on the performance of your powered subwoofer. Corner placement, as suggested above, will increase the amount of bass output, while placing the subwoofer along the middle of a wall, or out in the room.

will decrease the amount of bass output. Experiment with a number of different placement options and control settings to find the one that best suits your particular room and taste. When choosing your subwoofer's location, keep in mind that you will need to connect the subwoofer's built-in amplifier to an AC power outlet.

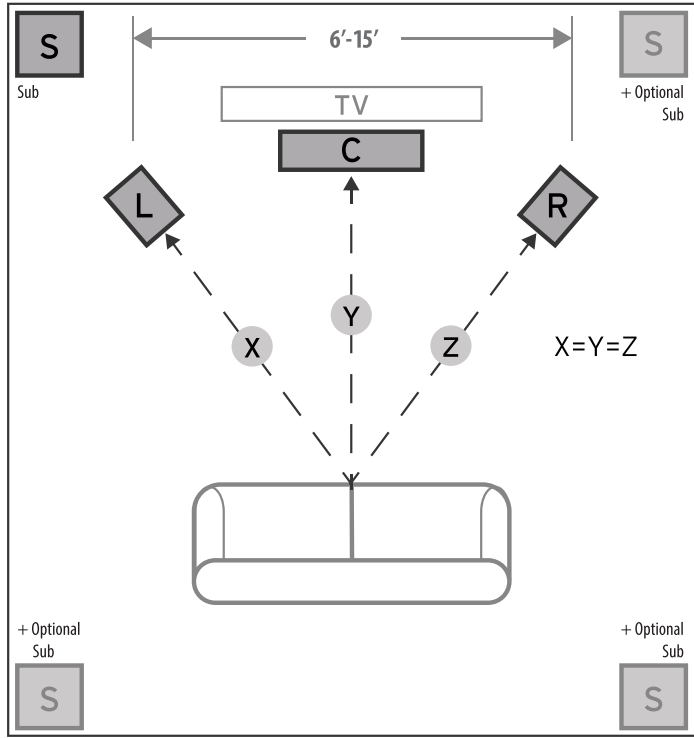
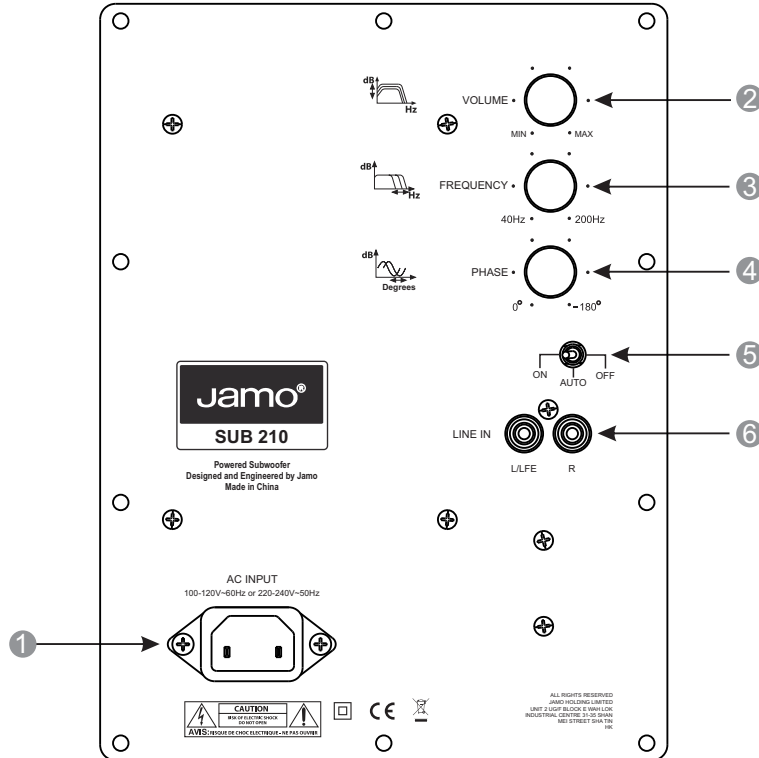


Figure 1
Speaker Placement in Listening Area

SETUP



REAR PANEL

- 1、 AC Input Connection
- 2、 Volume Knob
- 3、 Low-Pass Filter Frequency Control
- 4、 Phase Switch
- 5、 Standby Power
- 6、 Line Level Input

CONNECTIONS AND CONTROLS

CAUTION: Ensure that the subwoofer is unplugged from the AC wall outlet before making any connections.

6 “LINE IN” Connection - Most of today's surround receivers (and pre-amplifiers) have a line level subwoofer output labeled Subwoofer Pre Out, Sub Out, SW Out, etc. If you have this output, connect one end of a subwoofer cable to it and connect the other end of the cable into the subwoofer line input labeled LEFT/LFE. This connection allows the subwoofer to operate with both music and surround sound movies (refer to your receiver manual). In absence of a subwoofer output on your receiver, as an alternative hookup, you can connect Left and Right channel Pre-Amp Outputs from your receiver (if provided) to the Left/LFE and Right input on the subwoofer.

2 Level - If your subwoofer is connected to a Subwoofer Output of a surround receiver, first set the subwoofer volume level control in the receiver to the “half way” or “0 dB” position. Then increase the volume (or gain) of the subwoofer up until the subwoofer's volume level matches the output of your main speakers. After this setup is completed, the volume control on your system's main amplifier or pre-amplifier will be the volume control for both your subwoofer and speakers together. If your subwoofer is connected to the L/R Pre-Amp Outputs of a receiver there will be no subwoofer volume in that receiver to set before setting the subwoofer's gain control.

3 “LOWPASS” Control - The crossover point chosen determines where low bass frequencies are “handed off” from the speakers to the subwoofer. If setting the crossover point in the receiver, turn the Lowpass Filter knob on the subwoofer to the farthest point right (160Hz). Set the crossover point based on the size of the main left/right speakers you are using in the system. As a general rule, for larger, floorstanding speakers, set the crossover point

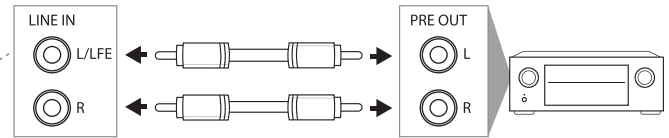
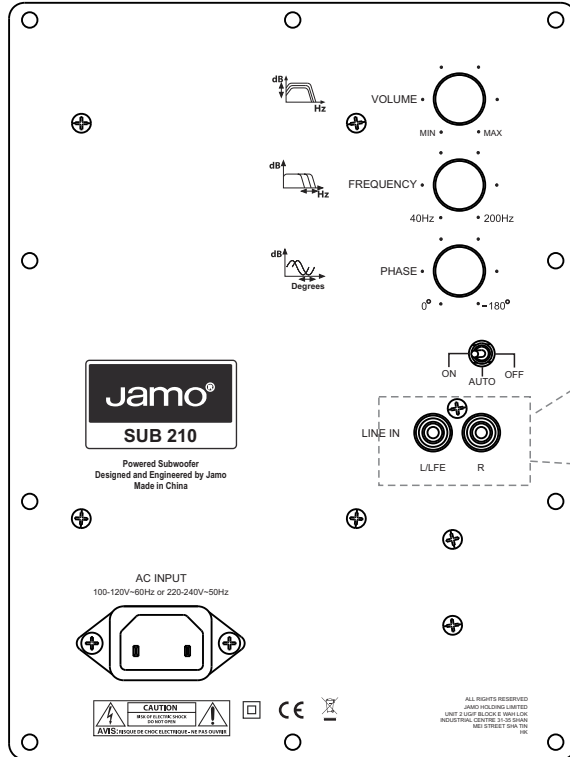
between 50Hz-90Hz. If using small bookshelf or “satellite” speakers for the mains, set the crossover point between 90Hz-150Hz. The smaller the speaker, the higher the setting until the bass frequencies blend well between the speakers and your subwoofer once your system is completely hooked up. If your receiver does not have a crossover point setting, set the Lowpass Filter on the subwoofer instead within the same recommended settings (see receiver manual for additional speaker setup info).

4 “PHASE” 0/180 - This control is used to acoustically match the subwoofer's output to your main speakers. Select the position, either 0° or 180°, in which your subwoofer has more output at the listening position.

5 “POWER” AUTO/ON/OFF - When this switch is in the “ON/AUTO” position, the subwoofer will automatically turn “on” when it senses a signal. It will automatically go into “standby mode” after 15-20 minutes with no signal. When this switch is in the “OFF” position, the subwoofer will remain “off” until the switch is manually turned back to the “ON/AUTO” position.

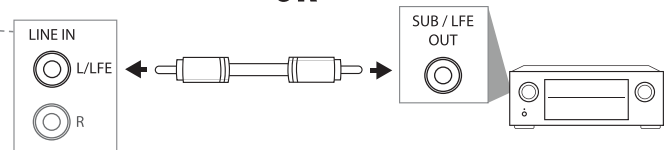
Power LED indicator - Located on the front baffle, this LED indicates the operating status of the built-in amplifier. The LED will light blue when the amplifier is on and receiving a signal. If the LED is dark and not lit, the amplifier is off. For more information on the controls mentioned in this manual and on bass management, see your dealer or visit www.jamo.com

LINE LN CONNECTION - PREAMPLIFIER



PRE OUT - Left and Right pre-outs on Processor/Pre-Amp/Receiver connected to Left and Right line inputs on subwoofer amplifier

OR



LFE OUTPUT - LFE Output on Processor/Pre-Amp/Receiver connected to LFE input on subwoofer amplifier

SPECIFICATIONS

System	Bass reflex
Woffer [mm /in]	203 / 8"
Frequency Range [Hz]	38-200
Impedance [K Ohm]	4
Cut off Frequency [Hz]	40-200
Phase	0 to 180
Switch	Auto/On/Off
Line in	Left / Right
Amplifer rated output [w peak]	200
Stand-by power [W]	<0,5
Weight [kg / Lb]	7,5/16.53
Dimensions HxWxD [mm]	313 x283 x305