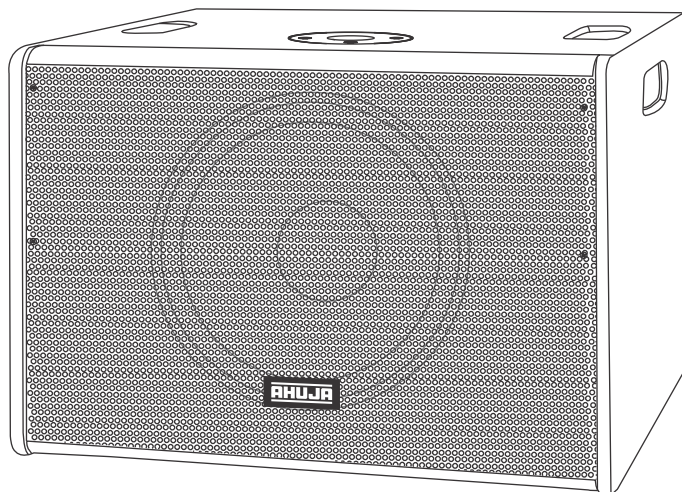




# Active Subwoofer Loudspeaker

300W RMS

## SUB-300A



- ◆ Thank you for purchasing the AHUJA Active Subwoofer Loudspeaker.
- ◆ Please read this manual thoroughly before making connections and turning on the power. Following the instructions in this manual will enable you to obtain optimum performance from your new AHUJA Active Subwoofer Loudspeaker.
- ◆ Please retain this manual for future reference.

## • Safety Instructions

**Read the Instructions:** Please read all the instructions in this section carefully before installation or use of the product. All the safety instructions must be followed.

**Retain the Instructions:** Please retain this Instruction Manual for future reference.



This symbol, wherever it appears, alerts you to the presence of uninsulated hazardous voltage that may be sufficient to constitute a risk of electric shock. External wiring to any terminal marked with this symbol must be done by a trained and instructed person only.



This symbol, wherever it appears adjacent to a component, alerts you that the concerned component can only be replaced by another of the exact same specifications.

### WARNING

- To reduce the risk of electric shock, do not open the cabinet. No user serviceable parts inside. Refer all servicing to qualified personnel only.
- Before replacing any fuse, make sure the set is switched off and disconnected from the AC mains or any other power source. Replace a fuse only with another of exactly same specification.

### CAUTIONS

**Water & Moisture:** To reduce the risk of fire or electrical shock, do not expose this set to rain or moisture. Do not use this set near water or in a wet location. Do not keep any object filled with liquid, such as a vase, on top of this set. Do not insert or remove the AC mains plug with wet hands.

**Power Source:** The voltage & frequency of the AC mains supply to which this set can be connected, is marked on the rear panel of the set. Do not connect this set to any power source other than those specified on the rear panel.

**Power Cord Protection:** Do not cut, kink, damage or modify the AC power cord supplied with this set. Keep the AC power cord away from heaters and harmful chemicals. Do not keep any heavy object on the power cord.

**Operation on Generator:** When operating this set on a generator, make sure the set is switched off till the generator voltage has stabilized.

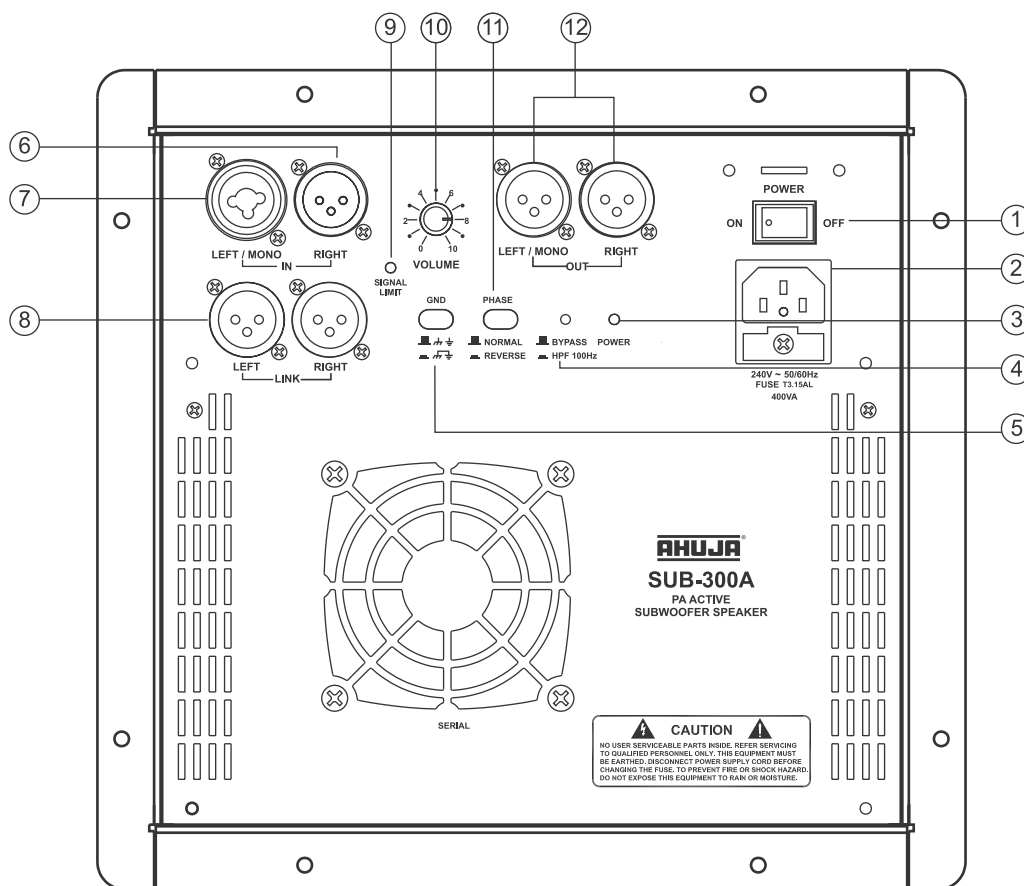
**Stability:** This set must be kept in a stable and flat horizontal position, and never in a tilted position. Do not use attachments which are not supplied or explicitly recommended by the manufacturer.

**Cleaning:** Disconnect this equipment from the AC mains before cleaning. Clean with a damp cloth, but do not allow any liquid to enter the set. Do not clean with liquids or aerosols.

## • Features/General Description of Product

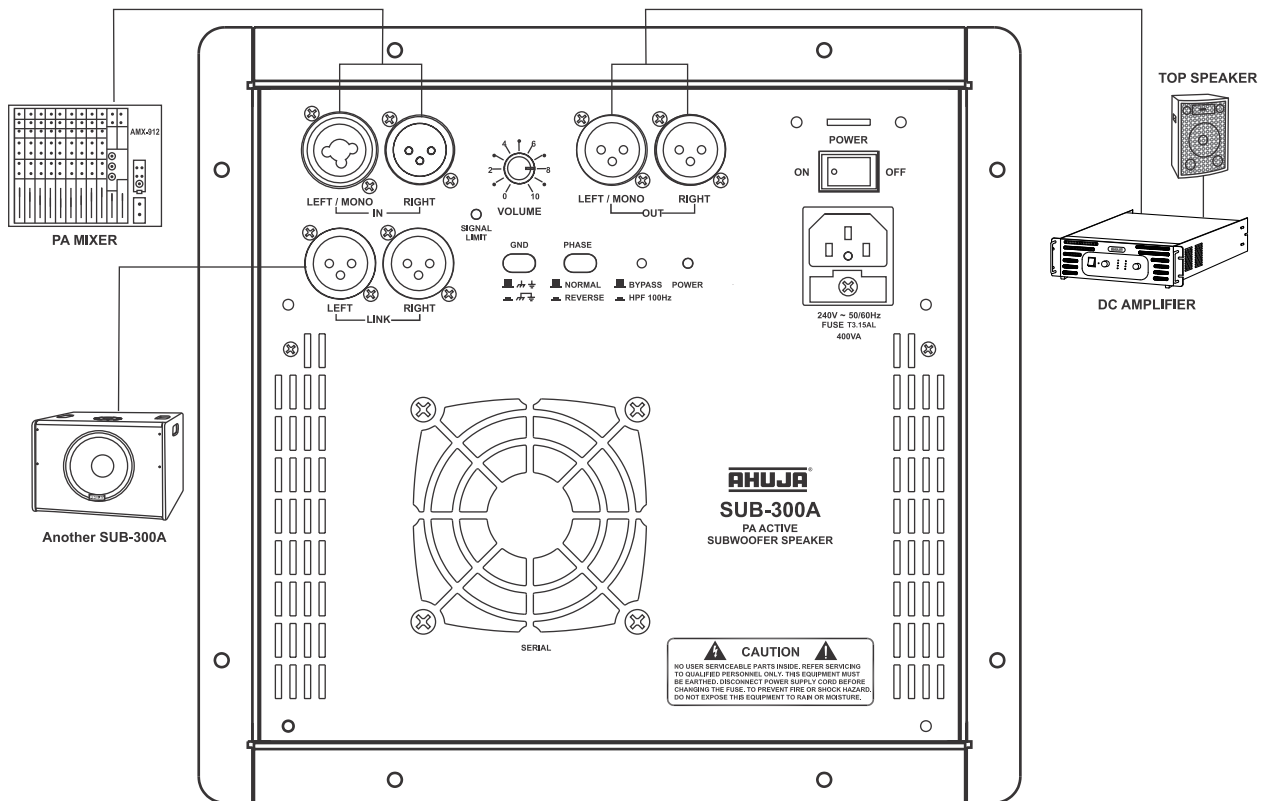
- SUB-300A is a powered sub-woofer designed for excellent low frequency reproduction in music programmes and other PA applications.
- Fitted with a heavy duty 12" speaker in a painted plywood cabinet, with black metal grille protection.
- Built-in 300W RMS amplifier, the SUB-300A also has built in active crossover with 100Hz high pass filter. No external crossover is required. The SUB-300A can be driven by any standard mixer.
- Link/Loopthrough Output is provided to connect an additional SUB-300A.
- Built in Clip Limiter, to guard against accidental overloading of the input.
- Volume Control, Ground Lift Switch and Phase Reversal Switch provided.
- High Pass output which can be used to drive the top speaker without any external Crossover.

## • Rear Panel Controls Description



- |  |  |
|--|--|
| 1. ON-OFF main power switch.                         | 8. LINK LEFT/RIGHT ON XLR CONNECTOR.                       |
| 2. Input AC power socket with main fuse.             | 9. SIGNAL/LIMIT, Red LED, indicates ON status.             |
| 3. POWER, Green LED indicates ON status.             | 10. VOLUME: Main power amplifier control.                  |
| 4. BYPASS Switch: Select High pass filter or bypass. | 11. PHASE Switch to reverse the polarity of the subwoofer. |
| 5. Ground Lift Switch Use this switch to reduce hum. | 12. OUT LEFT/RIGHT ON 2xXLR Connector.                     |
| 6. LINE IN RIGHT.ON XLR CONNECTOR.                   |  |
| 7. LINE IN LEFT/MONO ON COMBO CONNECTOR.             |  |

## • Interconnections



## • Specifications

<b>Power Output</b>	300W RMS
<b>Frequency Response (-6db)</b>	47-125 Hz
<b>Nominal Input</b>	0dBu
<b>Protection</b>	AC Fuse 3 Amp. 250V (T3.15AL)
<b>SPL</b>	96dB (1W/1m), 121dB Max.
<b>Transducer Low</b>	12" woofer - 2.5" Voice Coil. with ventilation
<b>Power Supply</b>	AC : 220-240V 50-60 Hz
<b>AC Power Consumption</b>	400 VA
<b>Dimensions</b>	W530 × H370 × D480 mm
<b>Weight</b>	18.60kg approx.

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- Technical specifications are subject to production tolerances.

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### AHUJA RADIOS

215, Okhla Industrial Estate, New Delhi-110020, INDIA • C-45, Phase-II, Noida-201305 (UP) INDIA  
Tel.: +91-11-26831549, 41612474 Fax: +91-11-26847287 E-mail: [ahuja@ahujaradios.com](mailto:ahuja@ahujaradios.com) Website: [www.ahujaradios.com](http://www.ahujaradios.com)