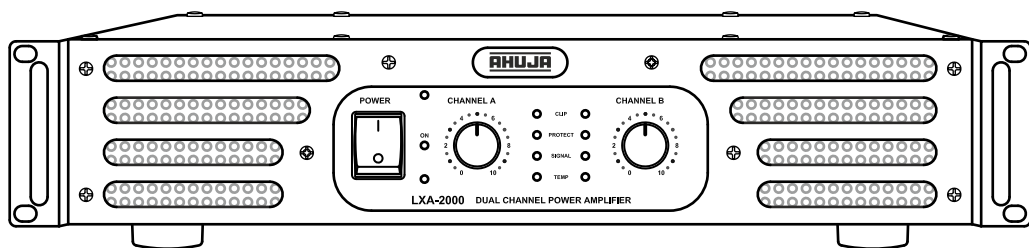


# AHUJA®

## Dual Channel Power Amplifier

1000W + 1000W RMS

# LXA-2000



- ◆ Thank you for purchasing the AHUJA Dual Channel Power Amplifier.
- ◆ 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 Dual Channel Power Amplifier.
- ◆ 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 remove the top cover. 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.

**Ventilation:** This set should be situated so that its location or position does not interfere with its proper ventilation. Do not cover the ventilation holes / slots. Do not insert or drop anything into the ventilation holes / slots.

**Stability:** This set must be kept in a stable and flat horizontal position, and never in a tilted position. Do not place this set on an unstable stand, tripod, bracket or mount. Do not use attachments which are not supplied or explicitly recommended by the manufacturer.

**Earthing:** This set must be earthed properly before use. A wire from the Earth terminal on the rear panel must be connected to electrical earth.

**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.

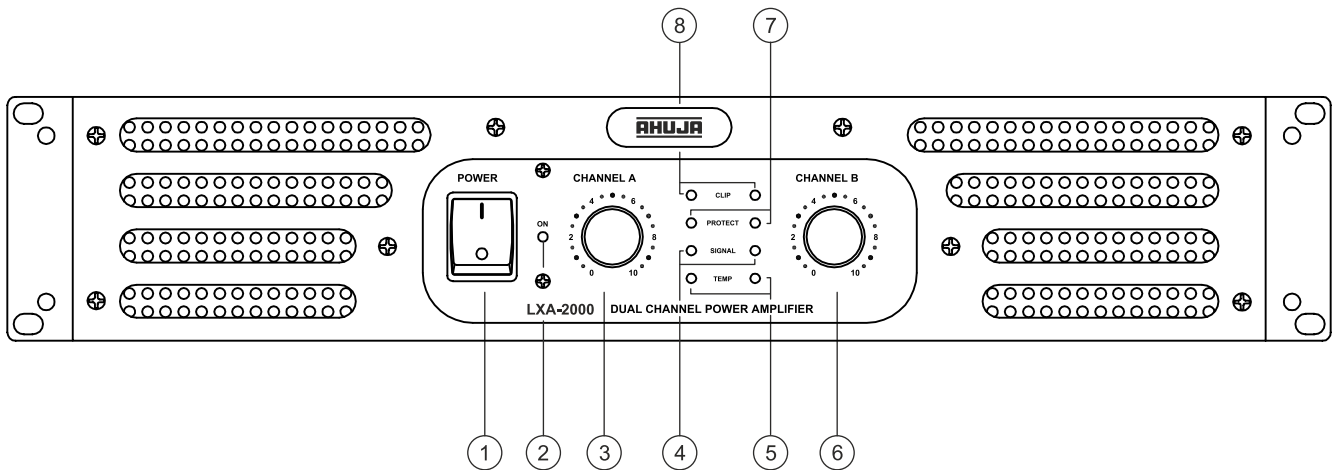
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## • Features/General Description of Product

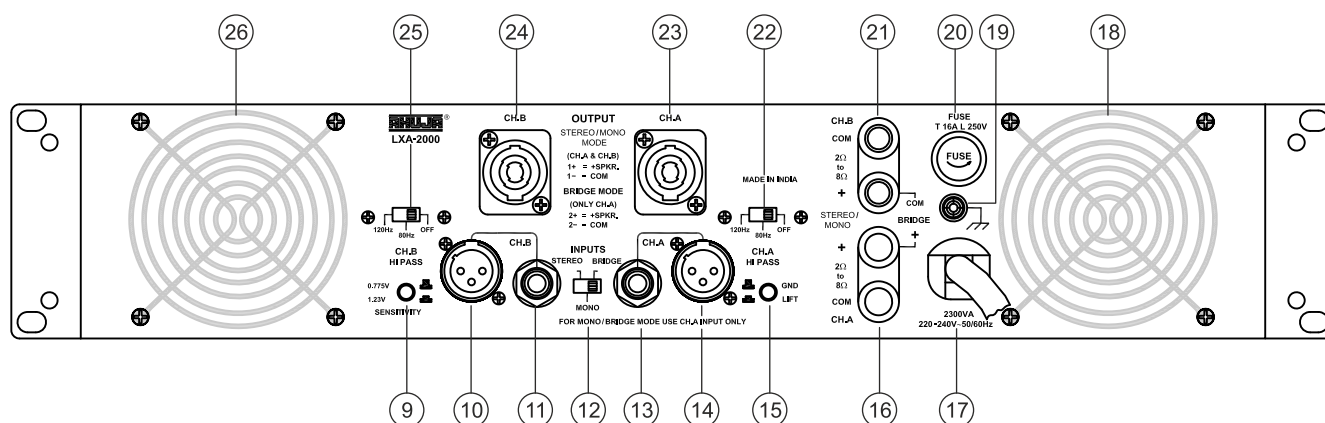
- Rugged 19" rack mountable chassis.
- Heavy duty high current toroidal transformer which provides excellent regulation and minimises hum & noise.
- Low distortion and high damping factor for excellent sound quality.
- Extensive protection circuits for Temperature (transistor and transformer), Overload, DC, RFI and Output short circuit.
- Indicator LEDs for Signal, Clip, Temperature (output devices and transformer), Protect mode conditions.
- Output termination on Dual Connectors (Speakon 4-way & Binding Post) for each channel.
- Built in limiter circuit, which protects the amplifier and speaker from being over driven because of high input level signal.
- Balanced / Unbalanced input signal through parallel XLR and 6.3mm (1/4") stereo phone jack in both channels.
- Slide switch selection of Mono / Stereo / Bridge Mode provided on rear panel.
- Switchable ground lift to break the unwanted ground loops.
- High pass filter switchable to 80Hz or 120 Hz to use for 2-way speaker system applications.

## • Front Panel Controls & Features



1. **POWER Switch**  
Push the top part of the knob (marked I) to switch the amplifier ON. Push the bottom part of the knob (marked o) to switch the amplifier OFF.
2. **Power LED**  
This LED glows when the amplifier is switched ON.
3. **Volume Control for Channel A**  
When used in Stereo/Mono mode, it adjusts the volume level of channel A. While in Bridge mode, it adjusts the volume level of both the channels A & B connected in Bridge mode.
4. **Signal Indicator LEDs for Channel A & B**  
Indicate the presence of signal in channel A and B respectively.
5. **Temperature Indicator LEDs for Channel A & B**  
Separate yellow LEDs provided for each of the two channels A & B. Glowing of these LEDs indicates excessive temperature of the output devices or transformer. The special circuitry then mutes the input signals. The amplifier will remain at mute status, till the devices cool down to normal temperature. Switch OFF the amplifier to cool down and then switch ON to continue.
6. **Volume Control for Channel B**  
To be used only in Stereo/Mono mode for adjusting the volume level of channel B. This control is inactive in Bridge mode.
7. **Protect Indicator LEDs for Channel A & B**  
Separate orange LEDs provided for each of the two channels A & B. These LEDs glow when the output is shorted or the output is overloaded or the input is too high or DC voltage is present on the speaker output. In any of these conditions the amplifier goes to protect mode. To reset the amplifier, switch OFF the amplifier, turn volume control to zero, correct the fault and switch ON the amplifier after 5-10 seconds. Increase the volume control slowly to the desired output below Clip level.
8. **CLIP Level LEDs for Channel A & B**  
One separate red LED provided for each channel. Continuous glow of LEDs indicates that there is excessive signal being fed to the input of the amplifier resulting in clipped and distorted output levels. In such cases, it is advisable to reduce the input signal or reduce the volume setting. Otherwise, the amplifier may go into protect mode and signal will mute.

## • Rear Panel Controls & Features



### 9. Sensitivity Selector Switch:

Push switch to select the input sensitivity between 0.775V & 1.23V. It is suggested to use 1.23V sensitivity if programme signal is fed from a mixer. The pushed in (pressed) position of the switch is for 1.23V sensitivity.

### 10. XLR INPUT for Channel B:

This XLR connector takes the balanced / unbalanced signals for driving channel B. Inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).

### 11. 6.3 mm (1/4") Jack Input for Channel B:

The stereo jack connector accepts the balanced / unbalanced signals to drive the channel B. Inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).

### 12. STEREO / MONO / BRIDGE Mode Selector Switch:

This slide switch is used to operate the unit in stereo, mono or bridge mode.

### 13. 6.3 mm (1/4") Jack Input for Channel A:

The stereo jack connector accepts the balanced / unbalanced signals to drive the channel A when used in stereo mode and channel A & B when used in mono and bridge mode operation. Inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).

### 14. XLR INPUT for Channel A:

This XLR connector accepts the balanced / unbalanced signals to drive the channel A in stereo mode and channel A & B if used in mono and bridge mode operation. Inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).

### 15. Ground Lift:

Ground loops form when multiple sets are used, which can cause Hum. Using this switch can improve hum & noise by breaking unwanted ground loops.

### 16. Binding Post Terminal for Channel A Output:

This output terminal is parallel to Pin 1+ & 1- of speakon connector of channel A and may be used when speakon plugs are not available.

### 17. 3 Core AC Mains Cable with Plug

### 18. Fan Grill:

Protective grill for channel A fan. Do not insert anything into this opening.

### 19. Earth Terminal: For earthing the chassis.

### 20. $\Delta$ AC Mains Fuse (Rating 16AMP T 16A L 250V):

This protects the amplifier from any excessive current flow.

### 21. Binding Post Terminal for Channel B Output:

This output terminal is parallel to Pin 1+ & 1- of speakon connector of channel B.

### 22. HI Pass Filter for Channel A:

When switch is OFF, the amplifier will be working on full audio frequency spectrum. When separate amplifier is being used for driving subwoofer systems, then use this amplifier to drive 2-way speaker systems with HI pass filter switch at 80Hz or 120Hz.

### 23. Speakon Connector for Channel A Output:

In STEREO / MONO mode amplified signal is available at Pin 1+ & 1- of speakon connector. The output speakon connectors should be wired as per fig. 3 (*Output Connectors for Stereo / Mono Mode*). In BRIDGE mode the output is taken from Pin 2+ and 2- of speakon connector. Output speakon connectors to be wired as per fig. 4 (*Output Connections for Bridge Mode*).

### 24. Speakon Connector for Channel B Output

Amplified signal is available at Pin 1+ & 1- of speakon connector. The output speakon connectors should be wired as per fig. 3 (*Output Connectors for Stereo / Mono Mode*). This is not used in Bridge mode.

### 25. HI Pass Filter for Channel B:

When switch is OFF, the amplifier will be working on full audio frequency spectrum. When separate amplifier is being used for driving subwoofer systems, then use this amplifier to drive 2-way speaker systems with HI pass filter switch at 80Hz or 120Hz.

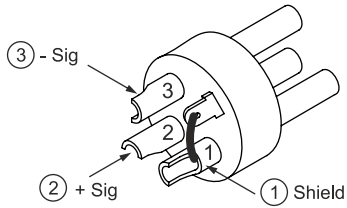
### 26. Fan Grill

Protective grill for channel B fan. Do not insert anything into this opening.

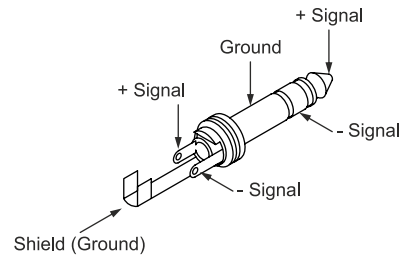
# • Input - Output Connections

**Fig. 1** Input Connections - Balanced Mode

**3 Pin Male XLR**

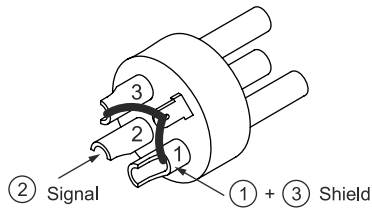


**6.3 mm (1/4") Stereo Phone Plug**

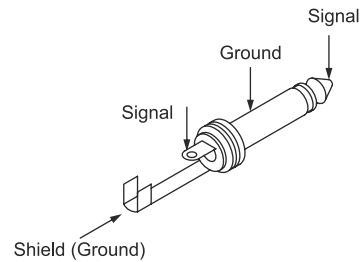


**Fig. 2** Input Connections - Unbalanced Mode

**3 Pin Male XLR**

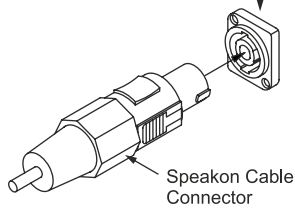


**6.3 mm (1/4") Mono Phone Plug**

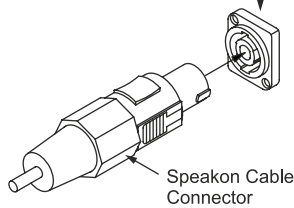


**Fig. 3** Output Connections - Stereo / Mono Mode

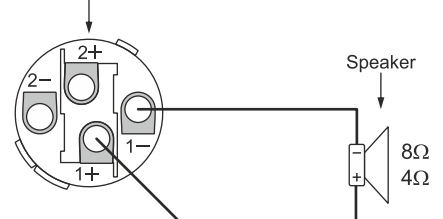
**Output Channel A**



**Output Channel B**

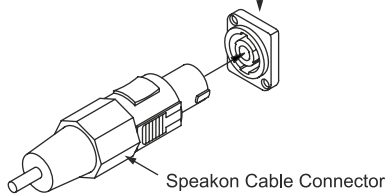


**Speakon Cable Connector (Inside View)**

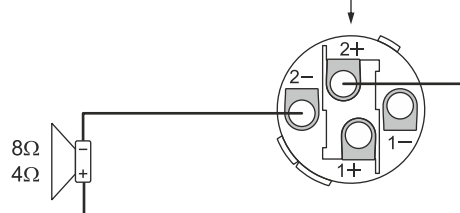


**Fig. 4** Output Connections - Bridge Mode

**Output Channel A**

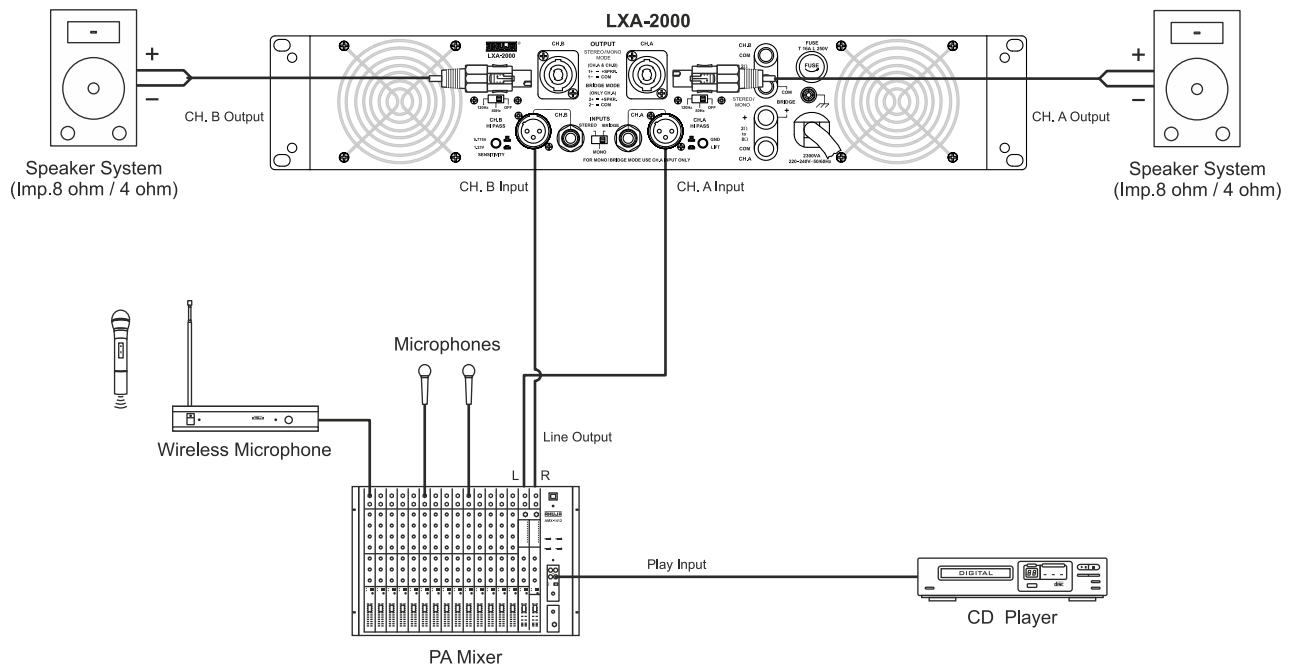


**Speakon Cable Connector (Inside View)**



## • Setup & Operations

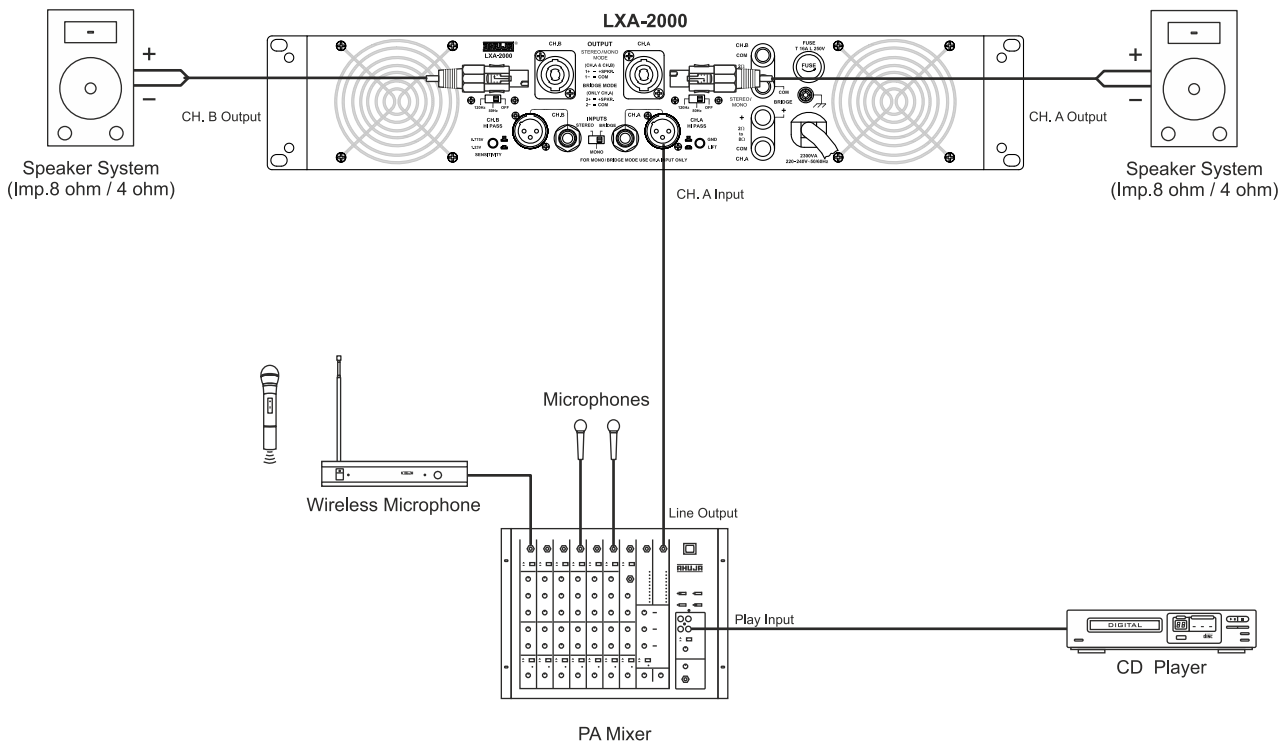
### Stereo Mode Configuration



In STEREO mode, both channels A & B are fully independent of each other. The balanced / unbalanced inputs can be connected either to a stereo signal source or two independent mono signal sources. Each channel can separately drive loudspeaker loads of 8/4/2 ohms.

- Connect the Left and Right outputs of a mixer to channel A and B inputs of the amplifier respectively. Inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).
- Connect a speaker system on the output terminal of each channel. It is recommended to use the speakon connectors and wire these as per fig. 3 (*Output Connections for Stereo / Mono Mode*).
- To select STEREO mode, keep the slide switch, provided on rear panel, in STEREO position.
- Adjust the individual volume controls of each channel on the front panel to obtain the desired output level.
- The signal indicator LEDs glow to indicate the presence of signal at the output terminals.
- Adjust the input signal level below the threshold of clip LED glow.

## Mono Mode Configuration

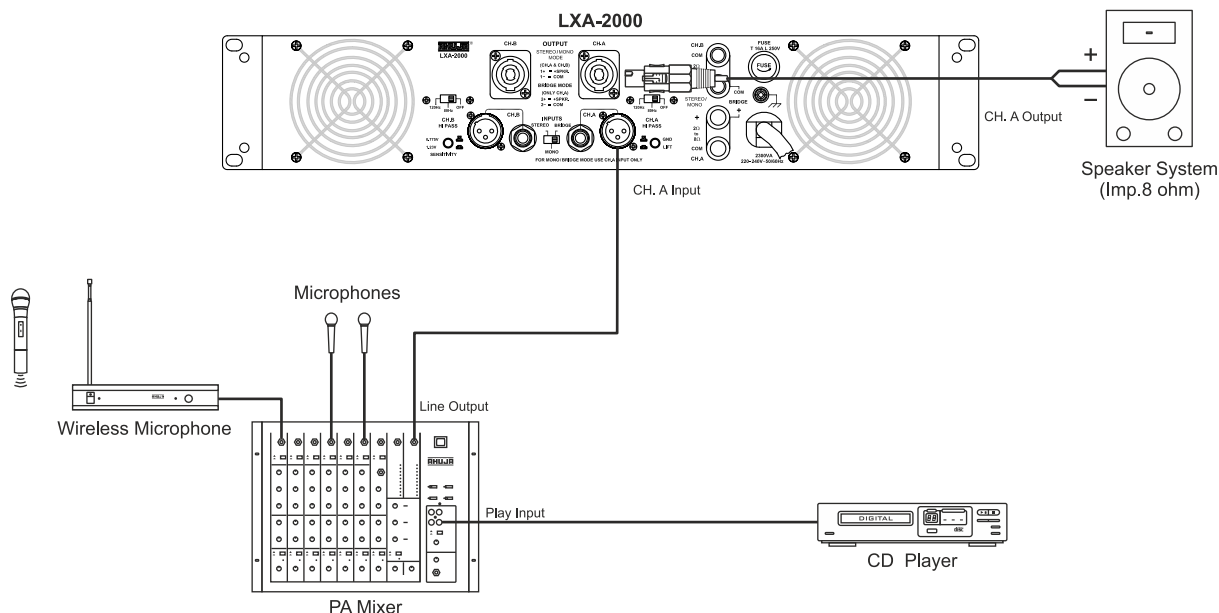


When operating in MONO mode, the signal source should be connected to the balanced / unbalanced input of **channel A only**. Both channels provide same output to their respective loudspeakers. Each channel can separately drive loudspeaker loads of 8/4/2 ohms.

- Connect the line output of a mixer to channel A input of the amplifier. Input can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).
- Connect a speaker system on the output terminal of each channel. It is recommended to use the speakon connectors and wire these as per fig. 3 (*Output Connections for Stereo / Mono Mode*).
- To select MONO mode, keep the slide switch, provided at rear panel, in MONO position.
- The desired output levels of the A & B channels are adjustable by individual control of channel A & B respectively.
- The signal indicator LEDs glow to indicate the presence of signal.
- Operate the amplifier below the onset of clip LED glow. Continuous clip LED glow may push amplifier into protect mode.

## • Setup & Operations...

### Bridge Mode Configuration



For BRIDGE mode operation, the signal source should be connected to the balanced / unbalanced input of **channel A only**. This mode provides the combined power output of both channels for connecting a single loudspeaker load. The recommended combined loudspeaker load should not go below 8 ohm.

- Connect the line output of a mixer to channel A input of the amplifier. Input can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).
- Connect a speaker system (not below 8 ohm) on the speakon output of channel A only. It is recommended to use the speakon connectors and wire these as per fig. 4 (*Output Connections for Bridge Mode*).
- If however binding posts are to be used for bridge mode then connect the positive (+) of the

loudspeaker to the positive (+) (Red) terminal of binding posts for channel A and the negative (-) of the loudspeaker to the positive (+) Red terminal of Binding Post of channel B.

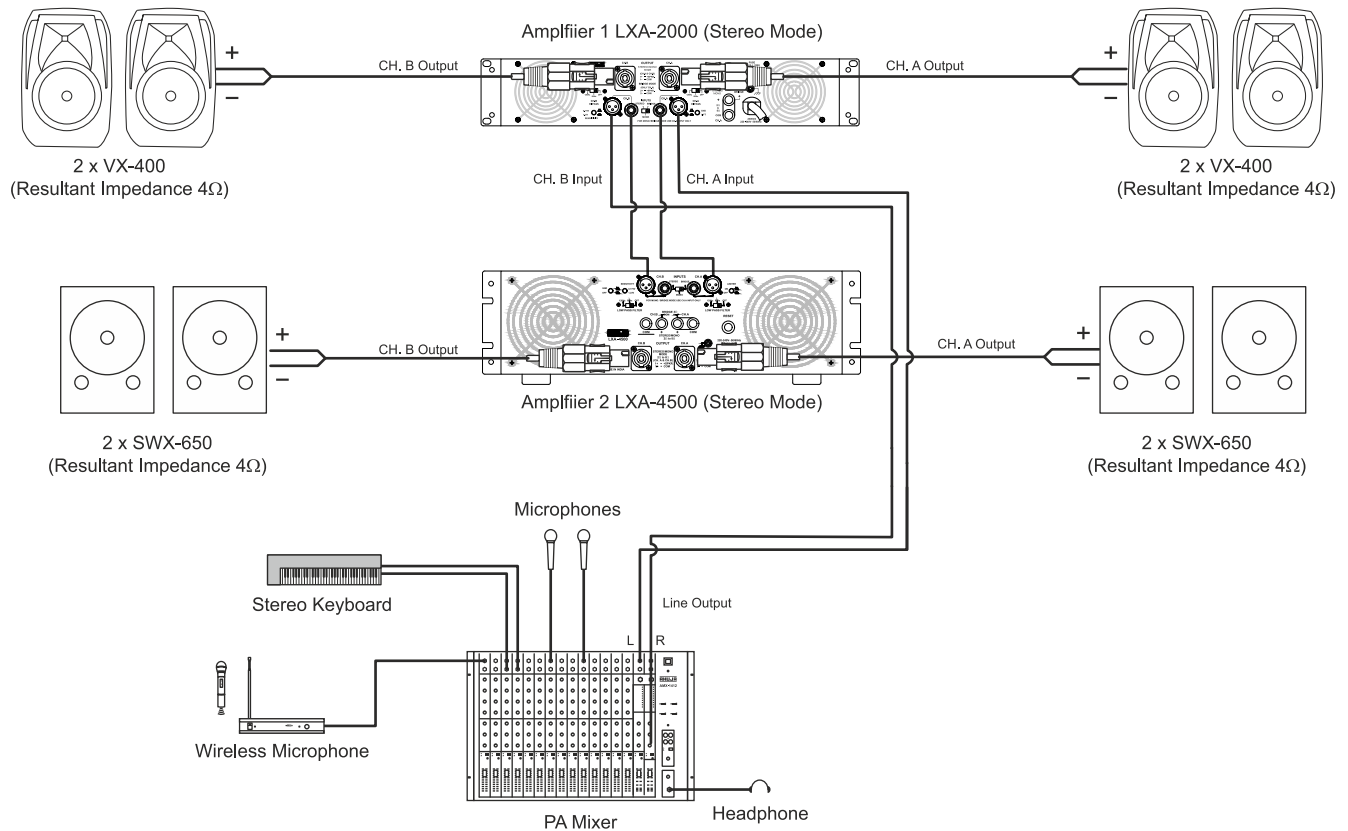
- To select bridge mode, keep the slide switch, provided at rear, in BRIDGE position.
- The desired output levels of both the channels are adjustable by volume control of channel A only.
- The signal indicator LEDs glow to indicate the presence of signal at the output terminals.
- Operate the amplifier below the clip LED glow.



### Tips for Safe Operation

- The amplifier must be connected to an AC earthed mains outlet that can deliver the maximum power required. The use of extension cables or adaptors should be avoided as this can jeopardize correct current delivery to the amplifier.
- All connections must only be carried out or changed with the amplifier switched OFF & the AC mains supply disconnected.
- Ensure proper impedance matching. For continuous safe operation, resultant impedance of the speakers **is recommended as 8 ohm** in bridge mode and 4 or 8 ohms in mono/stereo modes.
- For 4 ohm stereo/mono applications and all bridge mode applications, it is recommended to use speakon connectors only.
- Use of cable 40 / 36 or thicker is recommended to prevent power losses in speaker cables.
- The level of input signal should not exceed the specified input sensitivities. Excessive input signal levels result in over driving of input circuit which leads to saturated / distorted output at speaker terminals.
- Do not operate the amplifier with continuously glowing CLIP LED. The respective volume control of the channels must be adjusted so that the output level does not clip and distort.
- Do not obstruct the front or rear of the amplifier for necessary intake of air. This is a fan cooled amplifier.

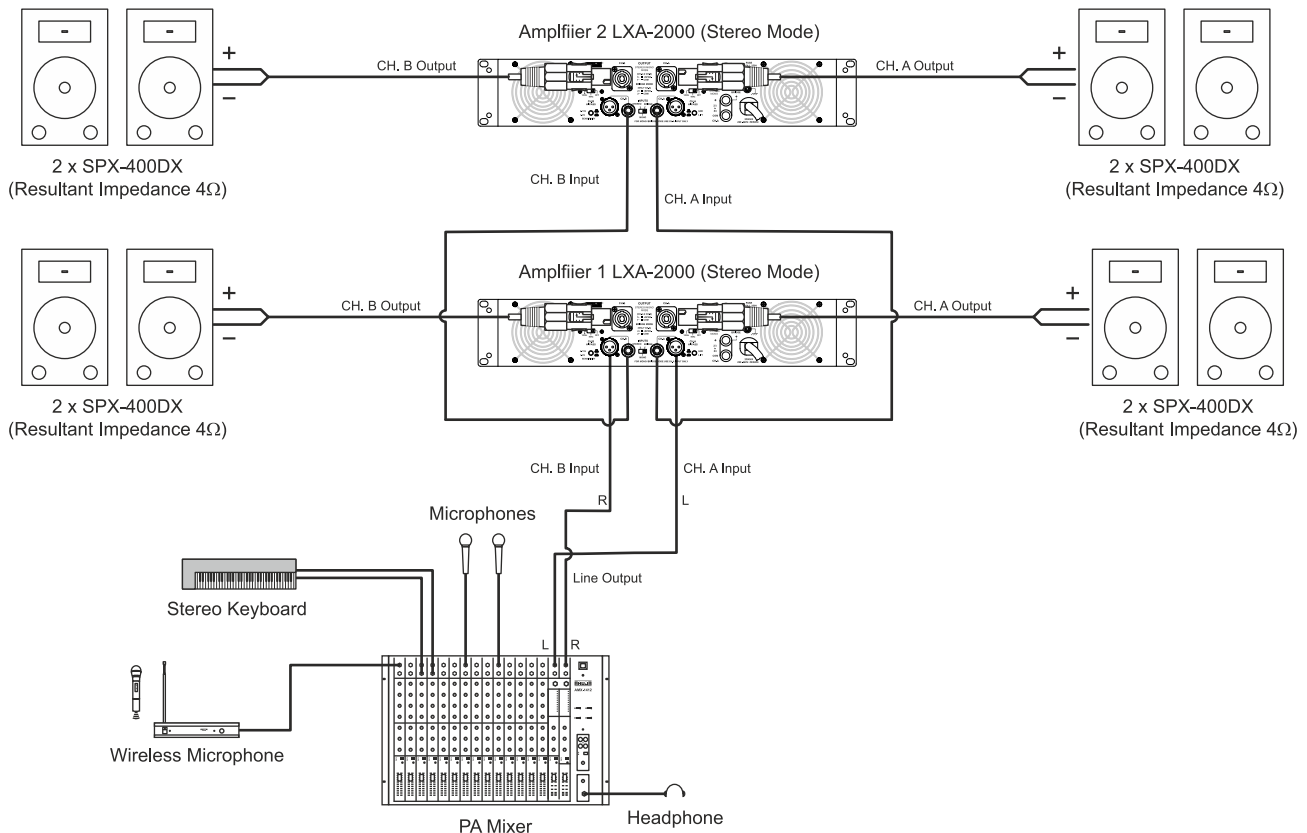
## Stereo Mix Plus Subwoofers (LXA-2000 with LXA-4500)



- Connect the Left and Right outputs of the Audio mixing console to the channel A & B inputs (XLR / jack) of amplifier 1 (LXA-2000).
- The XLR and jack inputs of the amplifier are in parallel and either ones can be used.
- The inputs can be wired as per fig. 1 & 2 (*Input connections for Balanced and Unbalanced Mode*).
- Connect two numbers each of 2-way loudspeaker system VX-400, in parallel, to each of the output channels of amplifier 1. The output speakon connectors should be wired as per fig. 3 (*Output Connections for Stereo / Mono Mode*).
- Amplifier 1 will be used in stereo mode. Keep the slide switch of amplifier 1 in STEREO position and keep HI Pass filter switches of channel A and B in either 80Hz or 120Hz position.
- For connecting another amplifier, connect the unused inputs (jack / XLR) of amplifier 1 (LXA-2000) to the corresponding channel inputs (XLR / jack) of amplifier 2 (LXA-4500) .
- The inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).
- Connect two numbers each of high powered subwoofer system SWX-650, in parallel, to the channel A & B outputs of amplifier 2 respectively. Output speakon connectors to be wired as per fig. 3 (*Output Connections for Stereo/MONO Mode*).
- Amplifier 2 will be used in stereo mode. Keep the slide switch of amplifier 2 in STEREO position and keep Low Pass filter switches of channel A and B in either 80Hz or 120Hz position.
- The speakon connector is the preferred choice for connections, but if the output connections are to be made on binding posts for stereo mode applications, then (+) of the speaker should be wired on (+) (Red) terminal of channel A output and (-) of the speaker should be wired on (-) (Black) terminal of the channel A output.
- Finally adjust the volume control of channel A & B in amplifier 1 (LXA-2000) to control the level of their respective VX-400 stack.
- Also, adjust the volume control of channel A & B in amplifier 2 (LXA-4500) to control the levels of their respective SWX-650 stack.
- Operate the amplifier in such a way that the clip LED should not blink continuously.
- Continuous glow of clip LED may bring amplifier into protect mode.

## • Typical Applications

### Stereo Mode - Cascade Configuration



- Connect the Left and Right outputs of the Audio mixing console to the channel A & B inputs (XLR / jack) of amplifier 1 (LXA-2000).
- The XLR and jack inputs of the amplifier are in parallel and either ones can be used.
- The inputs can be wired as per fig. 1 & 2 (*Input connections for Balanced and Unbalanced Mode*).
- Connect two numbers each of 2-way loudspeaker system SPX-400DX, in parallel, to each of the output channels of amplifier 1. The output speakon connectors should be wired as per fig. 3 (*Output Connections for Stereo / Mono Mode*).
- Amplifier 1 will be used in stereo mode. Keep the slide switch of amplifier 1 in STEREO position and keep HI Pass filter switches of channel A and B in OFF position.
- For cascading another amplifier, connect the unused inputs (jack / XLR) of amplifier 1 to the corresponding channel inputs (XLR / jack) of amplifier 2 (LXA-2000).
- The inputs can be wired as per fig. 1 & 2 (*Input Connections for Balanced and Unbalanced Mode*).
- Connect two numbers each of 2-way loudspeaker system SPX-400DX, in parallel, to each of the output channels of amplifier 2. The output speakon connectors should be wired as per fig. 3 (*Output Connections for Stereo / Mono Mode*).
- Amplifier 2 will be used in stereo mode. Keep the slide switch of amplifier 2 in STEREO position and keep HI Pass filter switches of channel A and B in OFF position.
- Adjust the volume controls of channel A & B of both the amplifiers to control the levels of their respective SPX-400DX stacks.
- Finally any adjustments in the tonal quality of the sound, if required, can be made from the audio mixing console.
- Operate each amplifier below the threshold of clip LED glow.

## • Protections & Installations

### Thermal Protections

#### Output Devices/Transformer

In case of excessive heating of the output devices or transformer, the thermal protection circuits will bring the audio signal to mute status. Onset of thermal protection circuit is indicated by glowing of TEMP LEDs (yellow) in each channel. To restore normal operating conditions, it is recommended to switch off the amplifier for cooling and then switch ON again after cooling and checking the speaker connections.

#### DC, RFI Protection

Inbuilt circuits are provided to protect the loudspeakers from any offset DC voltages. Also suppression filters at primary and secondary power supplies have been inbuilt, to reduce some RF interference.

### Overload / Short Circuit Protection

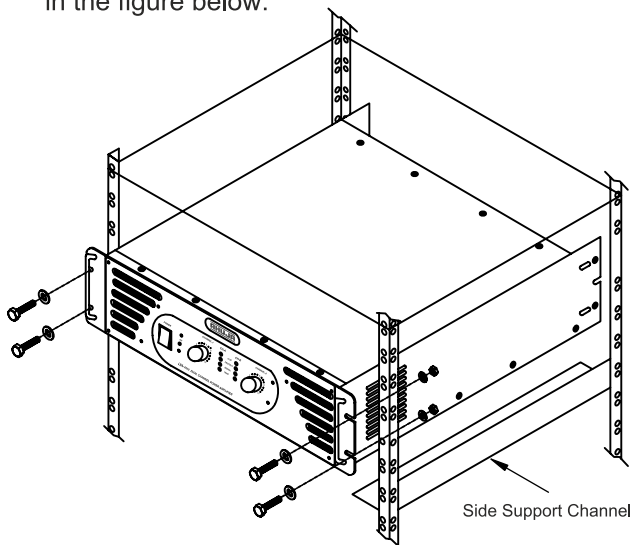
Protection circuit is provided in both channels for the safety of output devices in case of overload or mismatch of impedances at the outputs. This circuit brings the input signals to mute condition, and set will be in protect mode. To reset, switch OFF the amplifier for few seconds, remove the short circuit or overload and then switch ON for normal operation.

#### Fuses/CIRCUIT PROTECTOR

- a. 1 × 16 A (T 16AL) fuse for AC mains.
- b. 4 × 16 A (T 16A L) fuses for +ve and -ve DC supply
- c. 2 × 2 A (T 2AL) fuses for  $\pm 15V$  regulated power supplies.

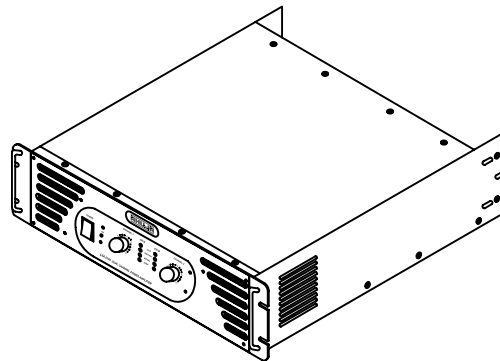
## 19" Rack Installation

- The amplifier is designed for use in a standard 19" rack with height of 2U units.
- In order to provide sufficient support base to the heavy amplifier, it is essential to use the 19" rack system with side support channels.
- The installed amplifier, should be well supported by the side support channels as well as rigidly fixed on to the rack through the two rack mount side brackets duly fitted with 'U' type handles, as shown in the figure below:



## Table Top Usage

- The 'U' handles are helpful in easy portability of the amplifier for table top usage. Do not keep the set on an unstable stand or tripod.



## • Trouble Shooting

### Key to LED symbols:



GLOWING



BLINKING



OFF

### Condition: Normal operation

#### Indication:



ON



CLIP



PROTECT



SIGNAL



TEMP

#### Possible Reason:

- The amplifier is in normal operation (When signal is fed).

### Condition: No power to the amplifier

#### Indication:



ON



CLIP



PROTECT



SIGNAL



TEMP

#### Possible Reason:

- The amplifier power switch may be off.
- The amplifier may not be plugged into the power receptacle.
- Confirm that the AC outlet works by plugging in another device. If too many amplifiers are used on one outlet, the building's circuit breaker may trip and shut off power.
- An overload may cause the AC fuse to blow. Check the AC fuse and replace it by a fuse of same rating.
- An amplifier which keeps shutting off may have a serious internal fault. Turn it off, remove AC power cord and get the amplifier serviced by a qualified technician.

### Condition: Low output

#### Indication:



ON



CLIP



PROTECT



SIGNAL



TEMP

#### Possible Reason:

- Check if the level of the input signal is too low.
- Check the signal source is operating and the input cable is intact.
- The channel volume control setting is too low.

### Condition: No Sound

#### Indication:



ON



CLIP



PROTECT



SIGNAL



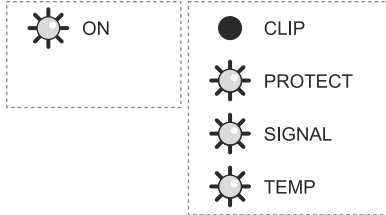
TEMP

#### Possible Reason:

- The amplifier may be in mute mode due to speaker impedance mismatch or output short circuit.
- Check the speaker impedance and speaker wiring for stray strands or breaks in the insulation.
- To restore normal operation, turn down the volume control, switch OFF the set for few seconds and switch ON again. Increase the volume control slowly for the desired output.

## Condition: No Sound

### Indication:

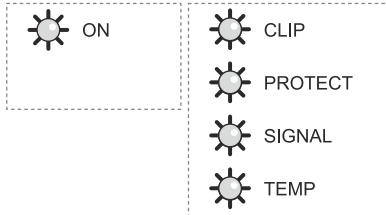


### Possible Reason:

- The amplifier may be in mute mode due to output short circuit, overloading or poor ventilation resulting in the rise in temperature either of output devices or power transformer as indicated by respective LEDs to unsafe region.
- Switch off the amplifier to cool down.
- Check if the fan is working, proper ventilation is provided and output connections are as recommended, remove the fault if any.
- This could be due to wrong speakon connections or faulty speakers.
- Check the output speakon connections as per fig. 3 or 4 on page no. 7 (*Output Connections for Stereo, Mono or Bridge Mode*).
- To restore normal operation, turn down the volume control, then switch ON the set and increase the volume control for desired output.

## Condition: NO Sound

### Indication:



- Amplifier has gone to protect mode due to high signal level, high temperature or output short or overloading.
- Check the level of signal from input source. If it is high then reduce the input signal level and then switch ON the amplifier and increase volume slowly.
- The amplifier should never be operated at a level which causes the clip LEDs to illuminate continuously. It will give distorted sound.
- Also check the impedance of speakers, shorting of speaker connections if any. Rectify the fault and then switch ON the amplifier for normal operation.

## • Specifications

| Model                      | LXA-2000                                                                                                                                                                   |                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Continuous Rated Power     | Stereo/Mono                                                                                                                                                                | 8Ω 2 × 400W RMS              |
|                            |                                                                                                                                                                            | 4Ω 2 × 700W RMS              |
|                            |                                                                                                                                                                            | 2Ω 2 × 1000W RMS             |
|                            | Bridged Output                                                                                                                                                             | 8Ω 1400W RMS<br>4Ω 2000W RMS |
| THD + N                    | < 1.0%                                                                                                                                                                     |                              |
| Frequency Response (-1dB)  | 20-20,000Hz                                                                                                                                                                |                              |
| Power Bandwidth (0.5% THD) | 20-20,000Hz                                                                                                                                                                |                              |
| Input Sensitivity          | 0dBm (775mV), 4dBm (1.23V)                                                                                                                                                 |                              |
| Input Impedance            | 10k Unbalanced, 20k Balanced                                                                                                                                               |                              |
| S / N Ratio                | > 95dB                                                                                                                                                                     |                              |
| HI Pass Filter             | 80 Hz/120Hz, 12dB per octave                                                                                                                                               |                              |
| Channel Separation         | > 65dB at 1kHz                                                                                                                                                             |                              |
| Damping Factor (8Ω)        | > 500                                                                                                                                                                      |                              |
| Slew Rate                  | 35V/μs                                                                                                                                                                     |                              |
| Protections                | Temperature, DC, RFI, Short Circuit, Overload,<br>Built-in Limiter<br>AC: Fuse 16 Amp (T 16A L)<br>± DC: Fuse 2 × 16Amp. (T 16A L) for each zone, Fuse 2 × 2 Amp. (T 2A L) |                              |
| Input Connectors           | 2 × XLR, Stereo Phone Jack 6.3mm                                                                                                                                           |                              |
| Output Connectors          | Speakon 4-Way and heavy duty Binding Post for each channel                                                                                                                 |                              |
| Cooling                    | Variable Speed DC Fan with Temperature Sensing                                                                                                                             |                              |
| Front Panel Controls       | 2 × 41 step level Attenuators                                                                                                                                              |                              |
| Indicators                 | Power ON, Signal, Clip, Temperature, Protect (Ch. A & B)                                                                                                                   |                              |
| Power Consumption (Rated)  | 2300VA @ 220-240V 50/60Hz                                                                                                                                                  |                              |
| Dimensions                 | W482 × H113 × D530mm                                                                                                                                                       |                              |
| Weight                     | 21.90kg Approx.                                                                                                                                                            |                              |

**AHUJA RADIOS** • 215, Okhla Industrial Estate, New Delhi - 110 020, INDIA

Tel.: +91-11-26831549, 41612474 Fax : +91-11-26847287

E-mail: [ahuja@ahujaradios.com](mailto:ahuja@ahujaradios.com), [admin@ahujaradios.com](mailto:admin@ahujaradios.com)

Website: [www.ahujaradios.com](http://www.ahujaradios.com)

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