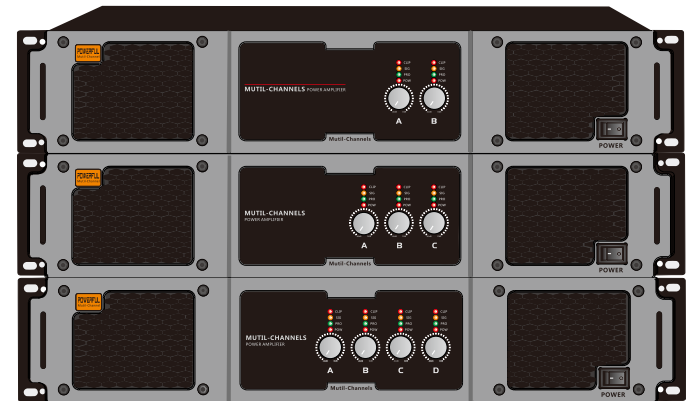


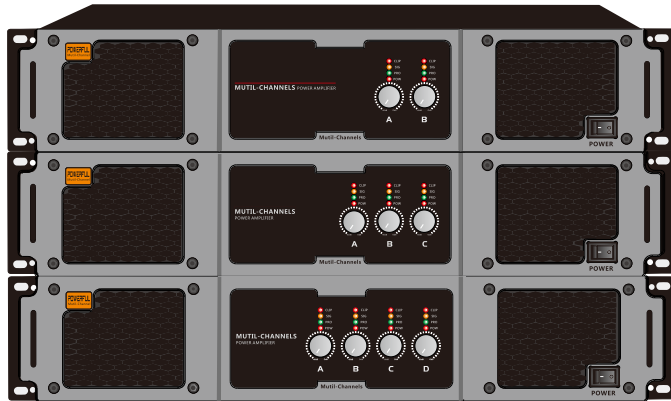
PROFESSIONAL POWER AMPLIFIER

Professional Power Amplifier USER Manual

PROFESSIONAL POWER AMPLIFIER



Professional Power Amplifier
Before attempting to connect, operate or adjust this product, please read these instructions completely



CHARACTERISTIC

1.Low noise design set for professional audio applications

This series power amplifier is closely 0 dB noise even you adjust the volume highest when without any audio input , fully give you stable quality and the most confidence for setting your applications.

2.Auto estimate and protect the system by Intellectualized system

This series power amplifier has long over-hit protection,open-delay, power shock protection,it makes the machine works reliably , Even this power amplifier suddenly cutting-out or overload , the power amplifier will auto open this production function,it won't be off immediately, some normal power amplifier will suddenly be off and will cause the performance stop ,it avoid some unwanted worry.

3.Optional audio sensitivity

Why some audio system damage the alt unit often ? this is not all the problem cause the alt unit , there will be the problem cause by a incorrect power amplifier, Power amplifier the peak T.H.D does not also make sound quality lower but also become the killer of the alt unit . This series power amplifier adopt the comparison for the input and output signal, when the clipping is upcoming ,it will auto slow input signal ,and limite the alt range ,and then protect the costly audio system , this is a optional switch ,it will be use according to your request.

4.Outstanding sound quality

It's not scanning testing or some actual application ,this series will release a natural sound ,and can be with any audio system easier . It comes with optional 2*250 Watts to 4*600 Watts with 8ohm power.It can also be with 4ohm out put.

5.Auto Cooling system

per our engineer work hard day by day , we have a unique aluminium suyway design for a more reliable cooling .

6.Full range of input connector

This series power amplifier has all kinds of input connector such as XLR and 6.35MM input , Binding and Speakon Output for options.

7.Compete working statement

WARNING



An equilateral triangle enclosing a lightning flash/arrowhead symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" with in the product's enclosure which may be of sufficient magnitude to constitute a risk of electric shock.



An equilateral triangle enclosing an exclamation point is intended to alert the user to the presence of important operating and service instructions in the literature enclosed with this unit.

IMPORTANT SAFETY INSTRUCTIONS

- When using this electronic device, basic precautions should always be taken, including the following:
1. Read all instruction 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.)
 3. This product should be used only with a cart or stand that will keep it level and stable and prevent wobbling.
 4. This product, in combination with headphones or speakers, 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.
 5. The product should be positioned so that proper ventilation is maintained.
 6. The product should be located away from heat sources such as radiators, heat vents, or other devices (including amplifiers)
 7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product. Replace the fuse only with one of the specified type, size, and correct rating.
 8. The power supply cord should: (1) be undamaged, (2) never share an outlet or extension cord with other devices so that the outlet's or extension cord's power rating is exceeded, and (3) never be left plugged into the outlet when not being used for a long period of time.
 9. Care should be taken so that objects do not fall into, and liquids are not spilled through, the enclosures openings.
 10. The product should be serviced by qualified service personnel if:
 - A. The power supply cord or the plug has been damaged.
 - B. Objects have fallen into, or liquid has been spilled onto the product.
 - C. The product has been exposed to rain.
 - D. The product does not appear to operate normally or exhibits a marked change in performance.
 - E. The product has been dropped, or the enclosure damaged.
 11. Do not attempt to service the product beyond what is described in the user maintenance instructions. ALL other servicing should be referred to qualified service personnel.

INSTALLATION

This manual contains important information on operating your amplifier correctly and safety. Please read it carefully before operating your amplifier. If you have any questions, contact your dealer.

UNPACKING

Carefully open the shipping carton and check for any noticeable damage. Every amplifier is completely tested and inspected before leaving the factory and should arrive in perfect condition. If you find any damage, notify the shipping company immediately. Be sure to save the carton and all packing materials for carrier inspection.

CONTENTS

Owner's manual (verify that the unit's serial number is same as shown on shipping carton)
AC Power cord

RACK MOUNTING

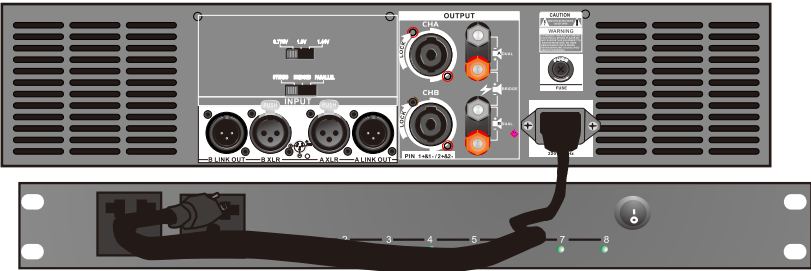
This series amplifier are designed for a standard 19" rack mounting as well as "stack" mounting without a cabinet. Use 4 screws and washers for mounting to the front rack rails. It is also a good idea to support the amps also in the rear, especially for mobile use where the amps will be subjected to strong vibrations.

AMPLIFIER COOLING

Also pay close attention to the cooling requirements. Never block the air vents in the back side and front of the amplifier. Do not install the amplifier in a location that is exposed to direct rays of the sun, or near hot appliances or radiators. Excessive heat can adversely affect the cabinet and the internal components. Installation of the amplifier in a damp or dust environment may result in malfunction or accident. If installed in a rack please be sure to open completely the back door. Periodically remove the internal dust by using compressed air through the external ventilation holes.

Power Supply

E series power amp use 220V power source, and also must use the factory 3 pins plug, for your safety, please make sure that you use the correct power supply, otherwise, there is no any responsibility to factory thanks.

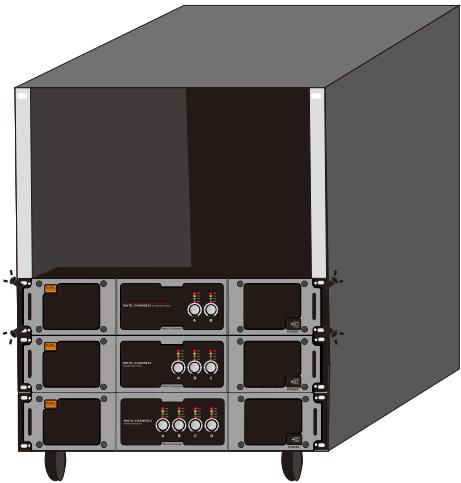


AMPLIFIER RACK

As picture shown, all E series amplifiers can be installed in the Rack which more than 2U.



Because the power amplifier is heavy, so, please install amplifier according to the rack load-limitation.



Power Amplifier

PARALLEL MODE

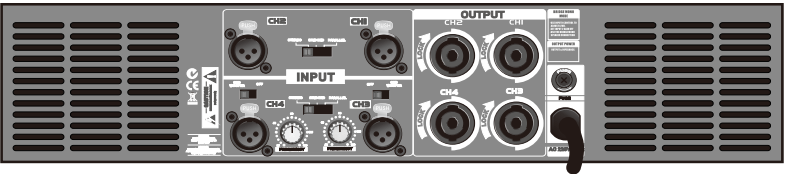
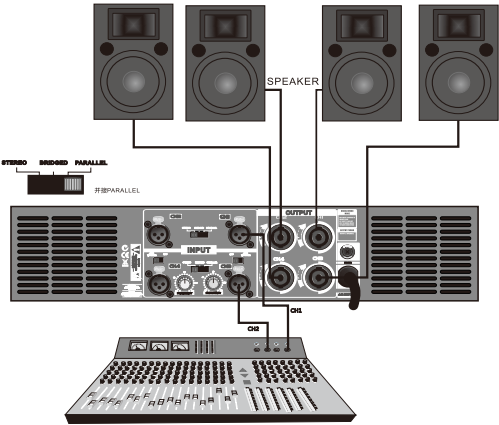
In **Parallel Mode**, singel input can be two channel outputs

- 1.Please make sure that is **Parallel Mode**,as the picture Shown.
- 2.Connect signal source to **Channel 1 /CHANNEL 3** using the XLR connectors
- 3.Connect a speaker to each channel output using Speakon or Binding Post outputs.



Speakon Outout
For Bridged Mode

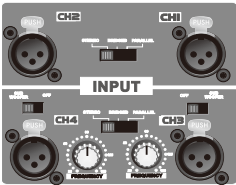
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CROSSOVER MODE

- 1.When it switch to ON ,it is the mode of LOWCUT and can adjust the Frequency of SUBWOOFER

Note: Only for Low frequency for each channel.

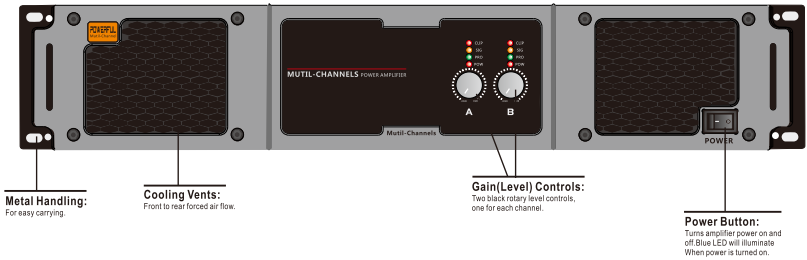


Power Amplifier

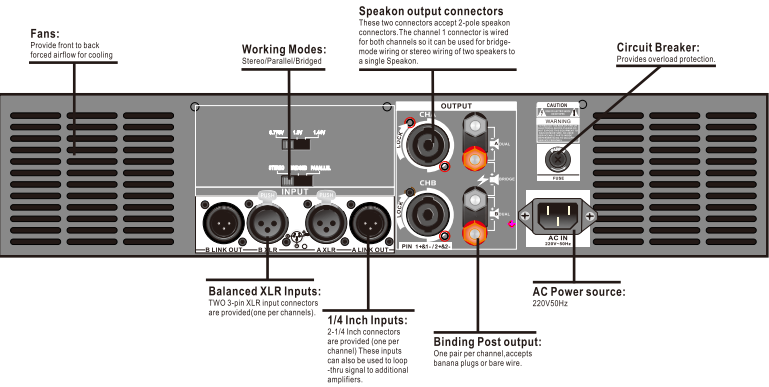
FRONT PANEL

LED Indicators:

Power Indicator: Two bule LED's ,one for each channel ,illuminate when the **POWER BUTTON** is on.
Clip Indicator: Two red LED's ,one for each ,illuminate when the channel's output is being overdriven.
Protect Indicator: Two red LED's ,illuminate when cooling system is fault or short out.
Bridged Indicator: Orange LED ,illuminate when Bridged Mode.



REAR PANEL



Power Amplifier

Get Started

STEREO MODE

This is the default mode the amplifier is set to from the factory.

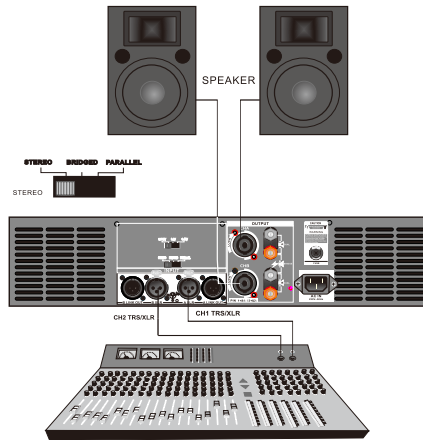
- 1.As the show "STEREO",and please confirm it is sure STEREO MODE.
- 2.Connect Left/Right signal source to Channel 1 and Channel 2 using either the XLR connectors.
- 3.Connect a speaker to each channel output using Speakon or Binding Post outputs.



Speakon Output
For Bridged Mode



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BRIDGED MODE

Bridge Mode delivers the power of both amp channels into a single 8 or 4 ohm load

- 1.Connect Left/Right signal source to **Channel 1** using either the XLR connectors.
- 2.Connect a speaker to each channel output using Speakon or Binding Post outputs.(As the picture shown how to connect the speaker)



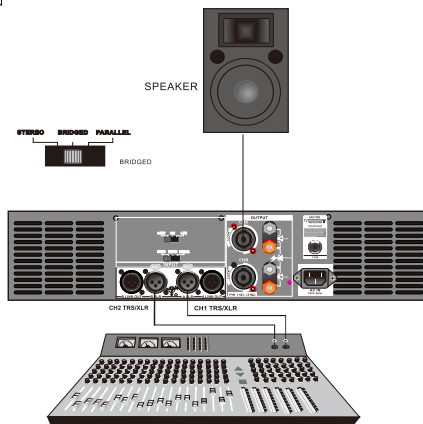
Speakon Output
For Bridged Mode



Binding Post Output
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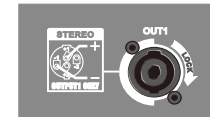
Power Amplifier

Get Started

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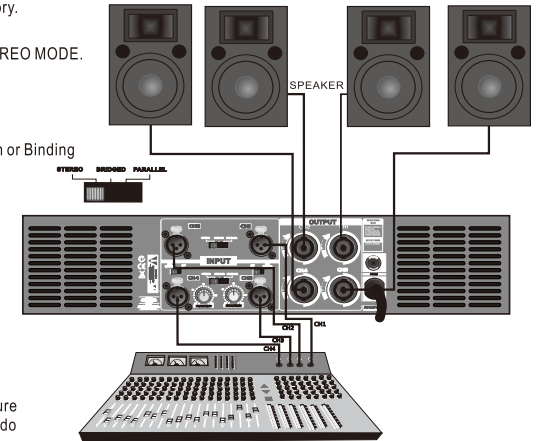
- 1.As the show "STEREO",and please confirm it is sure STEREO MODE.
- 2.Connect signal source to each Channel using either the XLR connectors .
- 3.Connect a speaker to each channel output using Speakon or Binding Post outputs.



Speakon Output
For Bridged Mode



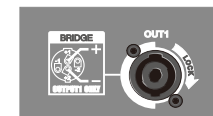
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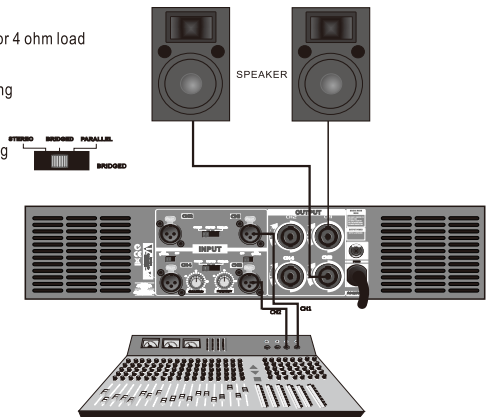
- 1.Connect Left/Right signal source to **Channel 1 and channel 3** using the XLR connectors .
- 2.Connect a speaker to each channel output using Speakon or Binding Post outputs.(As the picture shown how to connect the speaker)



Speakon Output
For Bridged Mode



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Power Amplifier

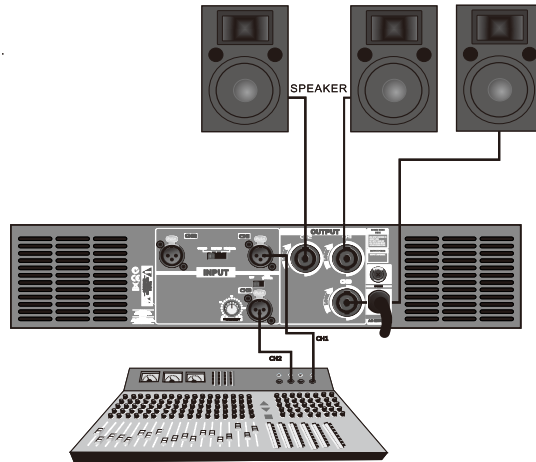
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Speakon Outout
For **Bridged Mode**



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Power Amplifier

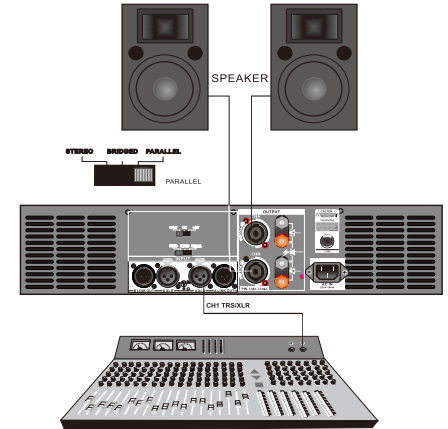
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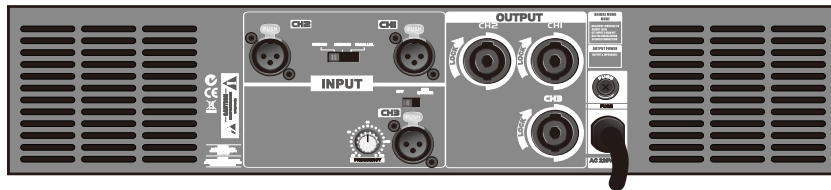
- 1.Please make sure that is **Parallel Mode**,as the picture Shown.
- 2.Connect Left/Right signal source to **Channel 1** using either the XLR connectors.
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Speakon Outout
For **Bridged Mode**



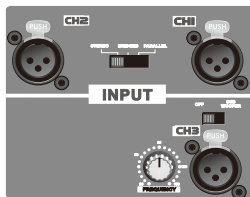
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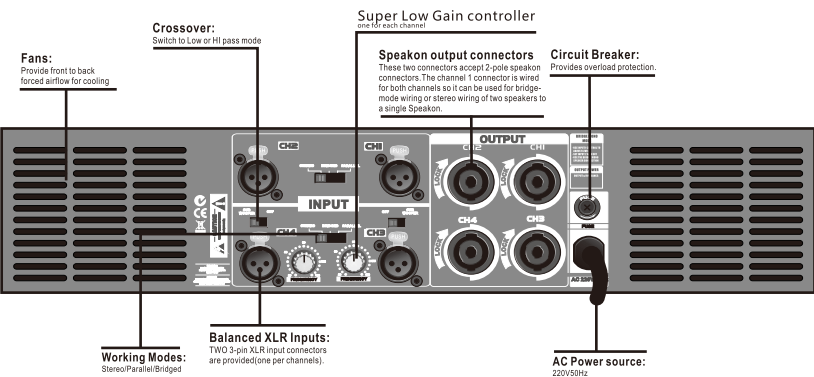
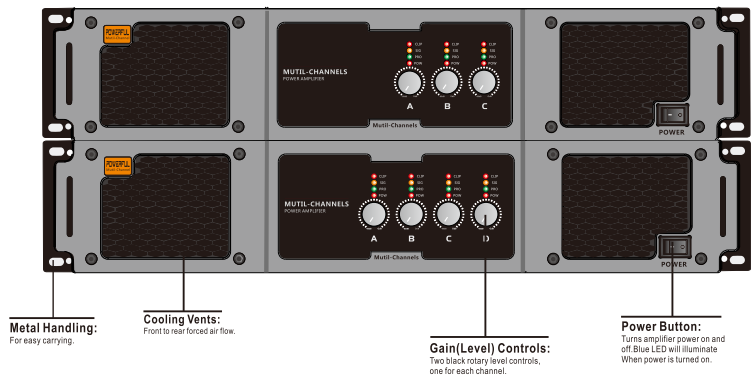
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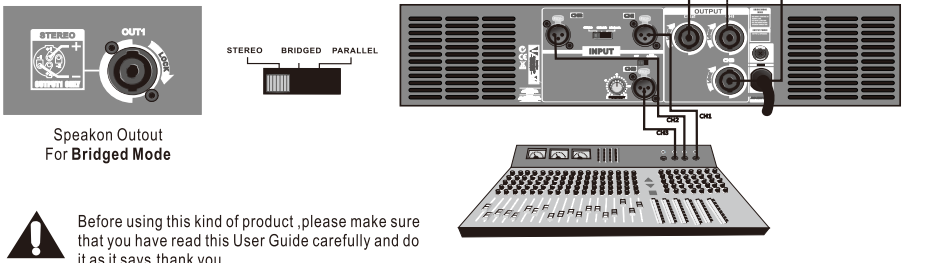


Get Started

STEREO MODE

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BRIDGED MODE

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- 1.Connect Left/Right signal source to **Channel 1 and channel 3** using the XLR connectors .
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