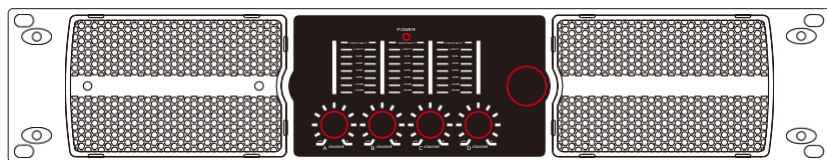


USER MANUAL



PROFESSIONAL POWER AMPLIFIER

Keep this manual for future reference

(This manual does not include all of the designs, production or variations of the equipment.)

SAFETY WARNINGS

CAUTION

TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



RISK OF ELECTRICAL SHOCK
DO NOT REMOVE THE COVER



- 1.To reduce the risk of electric shock, do not attempt to open any part of the unit. no user-serviceable parts inside. refer servicing to qualified service personnel.
- 2.Do not use this amplifier if the electrical power cord is frayed or broken.
- 3.To avoid electrical shock, do not touch any exposed speaker wiring while the amplifier is operating.
- 3.Do not spill water or other liquids into or on the amplifier.
- 4.Disconnect the ac mains source before attempting to clean any part of the amplifier.
- 5.Output terminals are hazardous: wiring connection to these terminals requires installation by an instructed person.
- 6.Properly fit the ac mains plug to the amplifier inlet.
- 7.Before powering this amplifier, verify that the correct voltage rating is being used.
- 8.Take care to lock the output terminal before switching the device on.
- 9.Verify that your mains connection is capable of satisfying the power ratings of the device.
- 10.No naked flame sources such as lighted candles should be placed on the amplifier.
- 11.It is highly recommended to unplug the output connectors before proceeding with the self check procedure.
- 12.To prevent injury, this apparatus must be securely rack mounted in accordance with the installation instructions.
- 13.The manufacturer cannot be held responsible for damages caused to persons, things or data due to an improper or missing ground connection.
- 14.It is absolutely necessary to verify these fundamental requirements of safety and, in case of doubt, require an accurate check by qualified personnel.

IMPORTANT SAFETY INSTRUCTIONS

Common symbols and meanings



THE TRIANGLE WITH THE EXCLAMATION POINT IS USED TO ALERT THE USER TO IMPORTANT OPERATING OR MAINTENANCE INSTRUCTIONS.



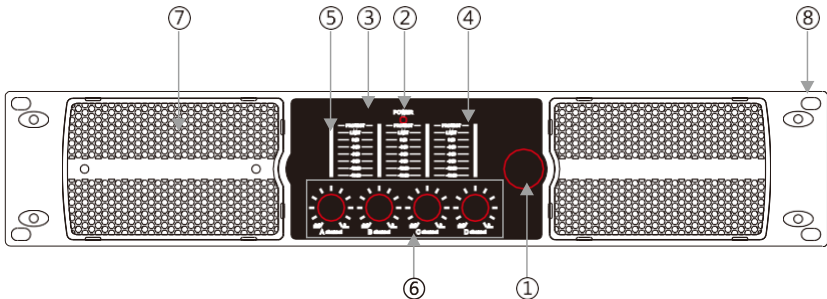
THE TRIANGLE WITH THE LIGHTNING BOLT IS USED TO ALERT THE USER TO THE RISK OF ELECTRIC SHOCK.

Please read and keep all safety and use instructions.

This product is intended for installation by professional installers only! This document is intended to provide professional installers with basic installation and safety guidelines for this product in typical fixed-installation systems. Please read this document and all safety warnings before attempting installation.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment 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 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 the third prong are provided for your safety. If the provided plug does not fit into 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. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. 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.

FRONT PANEL FEATURES



1. AC POWER SWITCH

Controls all power to the amplifier. Use this switch to switch your power amplifier on.

2. "POWER" INDICATOR

This indicator lights when the power amplifier is switching on.

3. "PROTECTION" INDICATOR

When this indicator lights, that means the power amplifier is in the protection mode. Switch off the device and find out the problem. This power amplifier is protected overheat, overload, short circuit, DC, soft start.

4. "CLIP" INDICATOR

Any illumination of the clip indicates a state of over modulation (distortion at extremely high volumes). In this case, check the output signal of your mixer and turn down the input gain control. Please keep in mind that the power amplifier can not correct any distortion.

5. "SIGNAL" INDICATOR

The illumination of the LED only indicates a safe operation.

6. CHANNEL 1-4 VOLUME CONTROL

In stereo mode, this potentiometer allows the adjustment of the channel 1 input level. (left channel). In Bridge mode, this potentiometer allows the adjustment of the two channels at the same time.

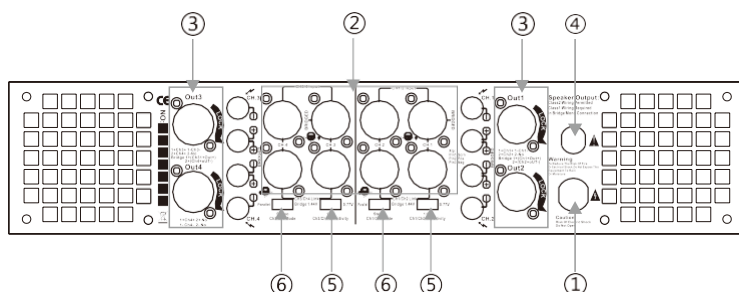
7. AIR EXIT

This part is the air exit. Don't obstruct it.

8. HANDLES

Those handles are used for easy transportation.

REAR PANEL FEATURES



1. AC Cord

Plug this cord into the power supply socket. (Before using a power amplifier, check if the input voltage In accordance with the machine input voltage)

2. CHANNEL 1, 2, 3, 4 XLR INPUT

This XLR input is a balanced input. Connect this input to the left output of your mixer.

3. CHANNEL 1, 2, 3, 4 TUM LOCK OUTPUT

Connect this turn lock output to a speaker. The branching is +1, -1.

Note: this product design minimum output impedance is 3.2 Ohm, Please don't drive nominal less than 4 ohm loudspeaker loads, This may cause amplifier don't work properly or overheating. Does not support the bridge output.

4. FUSE

The fuse is used to protect your amplifier from different kinds of AC problems. If the power amplifier is "on" and nothing lights, please verify the fuse compartment. If fuse is broken, please read it and change with a new one of same size and value.

5. INPUT SENSITIVITY SELECTOR

This selector allows to choose the input sensitivity: either 0.775V, 32dB (3.5V).

6. OPERATION MODE SELECTOR

This switch is used to choose the operating mode of the power amplifier:

Mode stereo: 4 channels input (channel 1, 2, 3, 4) and 4 channels output are used (1+, 1-).

Mode parallel: CH1, 3 input and CH 1, 2, 3, 4 outputs are used (1+, 1-)

Mode bridge: CH 1 or CH 3 input and CH 1 or CH 3 output are used (1+, 2+).

PERFORMANCE PARAMETERS

MODEL NO.			
8Ω Stereo Output Power	400W	600W	800W
4Ω Stereo Output Power	700W	1000W	1200W
8Ω Bridged watts	1200W	1800W	2400W
Output Circuit	AB	H	H
Power Requirement	~ 220V/50-60HZ		
Frequency response (+0/-0.31W/82)	20Hz-20KHz+0/-0.3dB		
20Hz-20KHz FOR1W THD+N	<0.03%@8Ω 1KHz		
S/N rate	>105dB		
Damping factor	>400		
Crosstalk	>70dB@8Ω 1KHz		
Input sensitivity	0.775V/32dB		
Input impedance	20KΩ(Balance)/10KΩ(Unbalance)		
Input connector	Male XLR,Female XLR		
Output connector	Binding Posts,Output Red,Common Black,Speakon Dual CH1+/1-,Bridge Mono CH1+/2+		
Front panel control	AC Power Switch, LED(Power, Protect,Clip limit ,Signal)		
Rear panel control	Input Mode Switch: Stereo, Sensitivity		
Cooling	Variable Speed Fans,Front-To-Rear Airflow		
Dimension (mm)	480mm X 580mm X 90mm		
Net weight (KG)	20.70	23.00	24.45
Gross weight (KG)	23.60	26.05	27.50
Packing dimension (mm)	590mm X 560mm X 145mm		

WARRANTY CONDITIONS

Thank you for choosing our products. If you have any questions during use, please call our after-sales service center or contact your local dealer, we will serve you wholeheartedly.

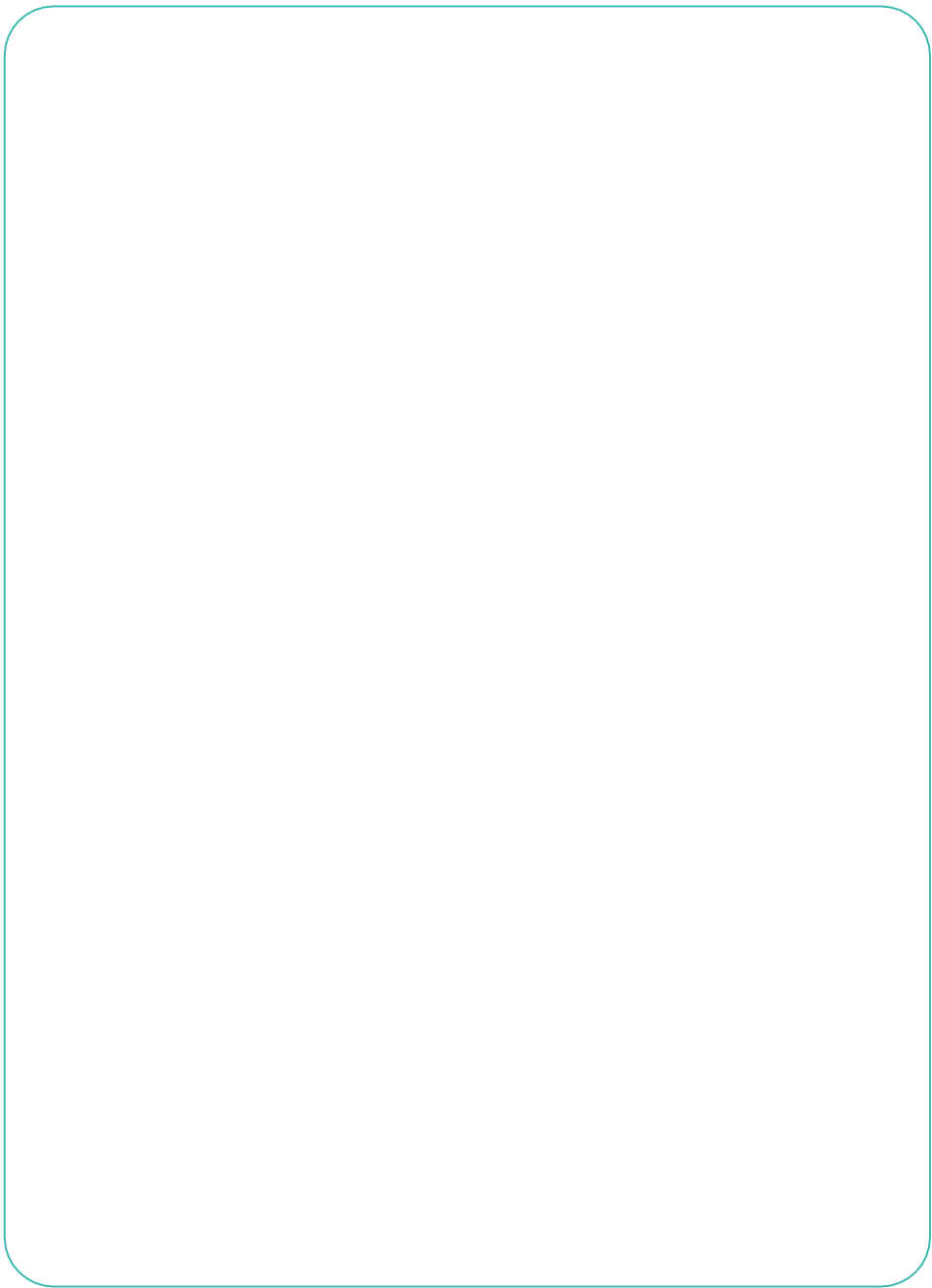
In order to ensure your legal rights and enjoy better after-sales service, please pay attention to the following matters

Warranty:

1. This product must be purchased from our authorized dealer to enjoy this warranty service.
2. On the day of purchase, please fill in the relevant information correctly and stamp it with the dealer's seal.
3. If a quality problem occurs during the warranty period, the customer must present a warranty card and valid documents,
4. Warranty coverage is for failures that occur under normal use within one year. Consumables and consumable parts are not covered by the warranty.
5. The following are not covered by the warranty
 - * Out of warranty period,
 - * The product has been dismantled and repaired without permission.
 - * Invoices, body codes, or vouchers are unclear, altered, or inconsistent with the real thing,
 - * Failure to use the product according to the instructions of the product, which is caused by improper use.
 - * Appearance damage (such as rust, scratch, etc.),
 - * Damage due to force majeure (such as fire, flood, lightning, earthquake, etc.),
 - * Damage caused by exceeding the rated use conditions of the product (such as power overload, unstable voltage, overheated environment, moisture, etc.)

The company is not responsible for any direct or indirect losses caused by product failure. The final interpretation and modification rights of this warranty conditions are owned by the company





Thank you!

Reliability and quality for your audio needs.

