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Important Note

WARNING NOTICES

SAFEGUARDS

Electrical energy can perform many useful functions, This unit has been engineered and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards, observe the following precautions for its installation, use and servicing.

Explanation of Graphical Symbols



**CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN**



**CAUTION
RISK OF ELECTRIC SHOCK:
OPEN ONLY IF QUALIFIED
AS SERVICE PERSONNEL**

**WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE
THIS EQUIPMENT TO RAIN OR MOISTURE**

IMPORTANT NOTE

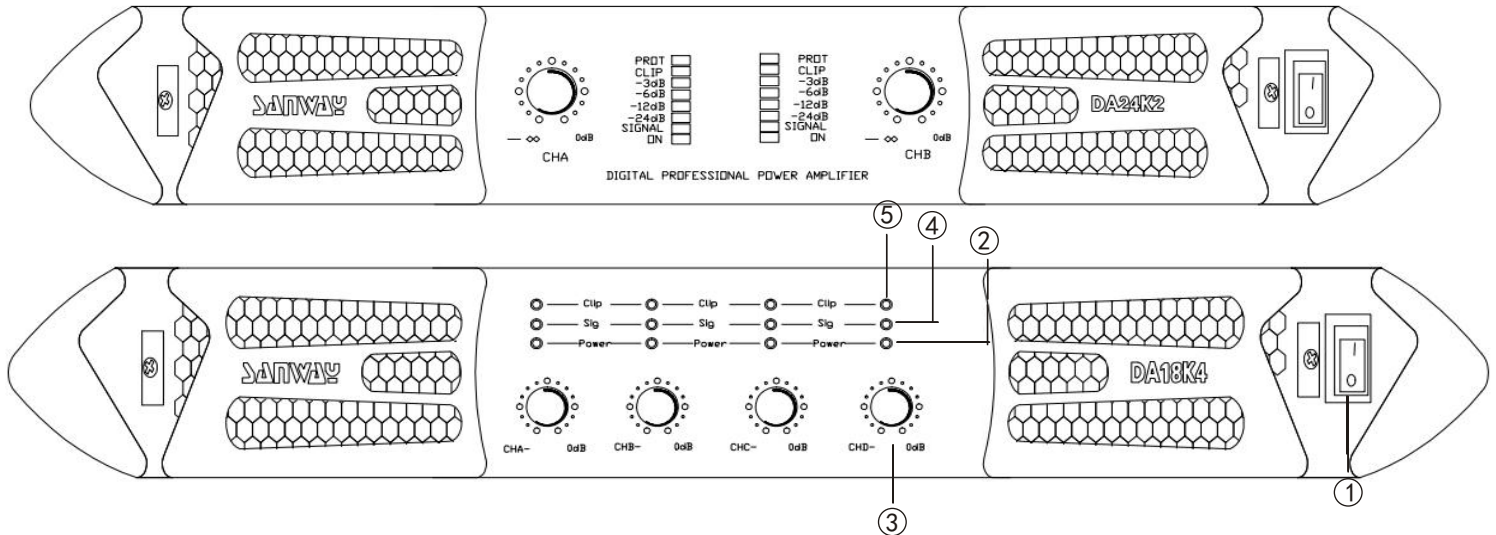
ATTENTION: This unit must be protected from damp because of the risk of fire and the possibility of electric shocks.

1. Make sure that you have the correct mains voltage. Only operate the unit at the mains voltage marked on the rear panel.
2. Make sure that nothing especially no metal objects are inserted into the device. This could result in electric shock or malfunction.
3. If the unit is subjected to extreme fluctuations of temperature e.g. On being transported from outside into a heated room, condensation can form. This unit should not be used until it has reached room temperature.
4. In the event of water or any other fluid being accidentally spilt on the unit switch the unit off immediately and send it to a qualified service workshop for inspection.
5. Make sure that the unit is always well ventilated and never exposed to direct sunlight
6. Do not use sprays to clean the unit as they have a detrimental effect on the unit and could ignite suddenly.
7. The machine use single power switch, please cut off the power before fix.
8. Please do not put the cup, vessel of flower or container above the machine, in case the leak out water then cause the leakage current off the machine.

Control elements

Front Panel

The front panel LED area includes the following indicators per channel:



1. POWER SWITCH

Turn the unit power on or off

2. POWER LED

Indicate power on or off

3. Volume Control

Adjust the output amplitude of the amplifier

4. SIGNAL LED

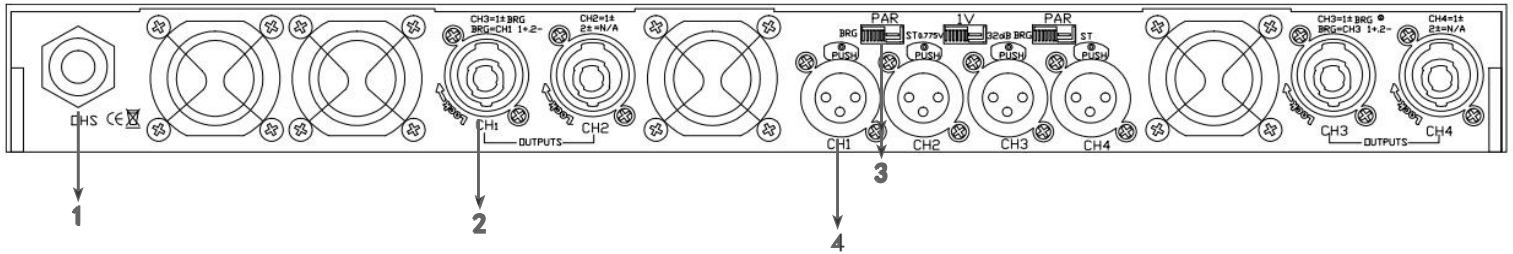
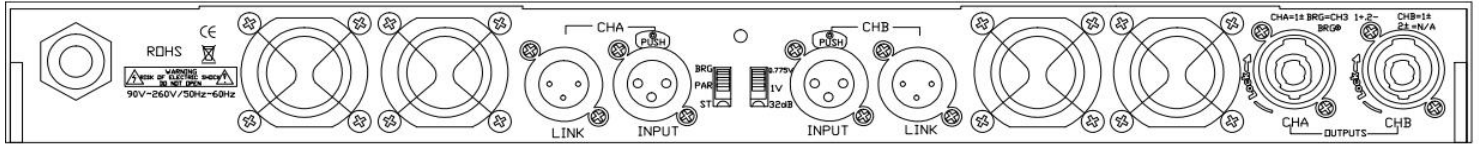
Green SIG Indicates output signal levels in normal operating range

5. CLIP/LIMIT INDICATOR

This indicator signals if the amplifier output is clipping or limiting. When the LED lights up, the limit power function is working. If the LED flashes briefly, this is not a cause for concern. If this LED is lit permanently, the volume should be reduced to avoid overload damages to the connected loudspeaker systems.



Rear panel features introduction



1. POWER SUPPLY INPUT

2. AMPLIFIER OUTPUT

3. BTL MODE

4. AUDIO INPUT

Audio input connections

Common knowledge:

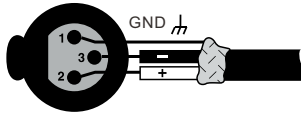
Try to use the shielded wire, the higher density shielding layer is the better.

Try to select balance connection for input, to reduce noise interference.

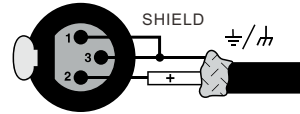
Selection of non balance connection, the shorter the better, preferably not more than 3m.

The weak signal line should avoid to parallel with the power line and the power output line, otherwise it might produce noise.

Before changing any connection, please turn off all equipments. Otherwise, it may cause damage to hearing and speakers.



Balanced analog input and
AES3 digital input connection

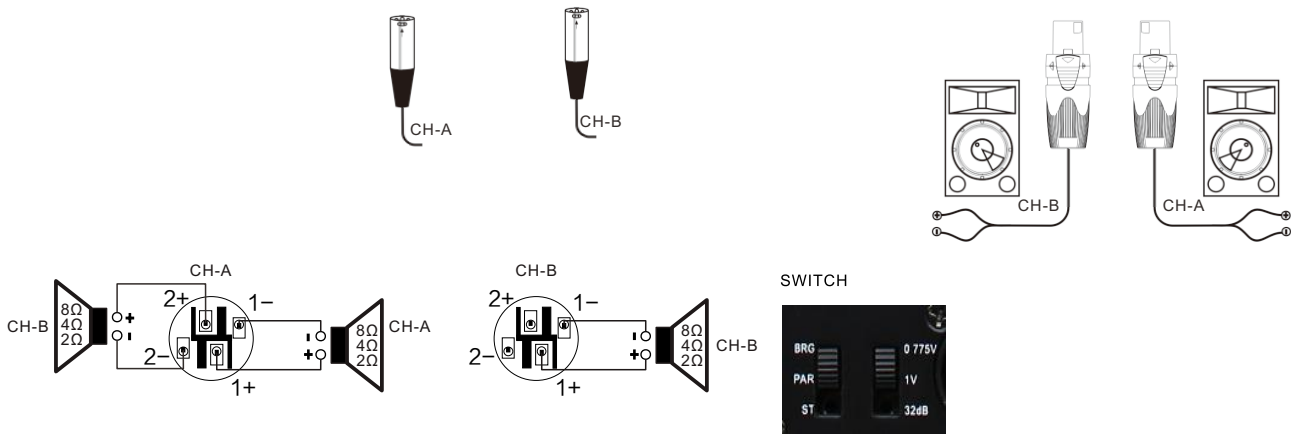
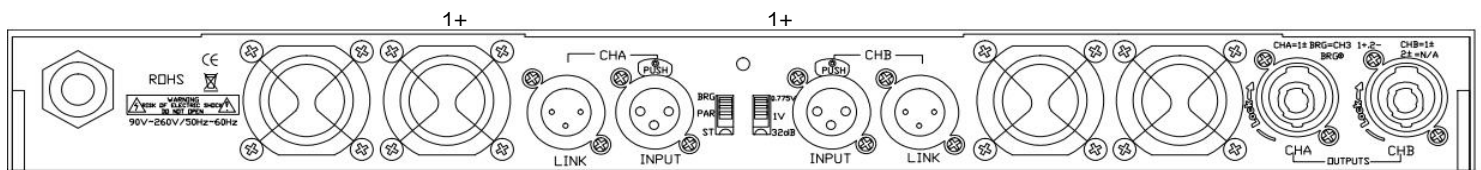
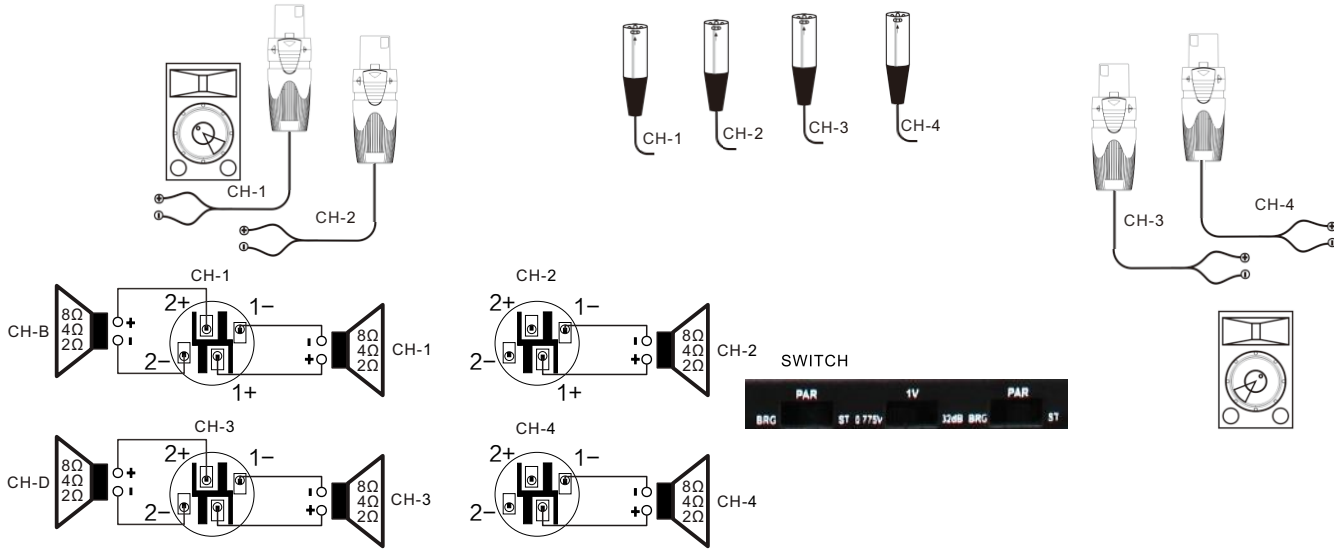
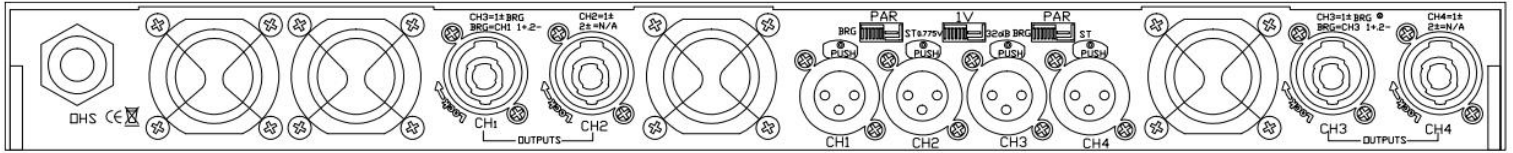


Non balanced analog input
connection



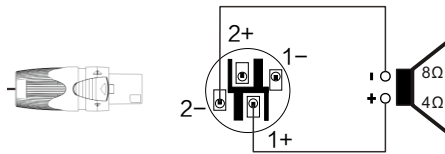
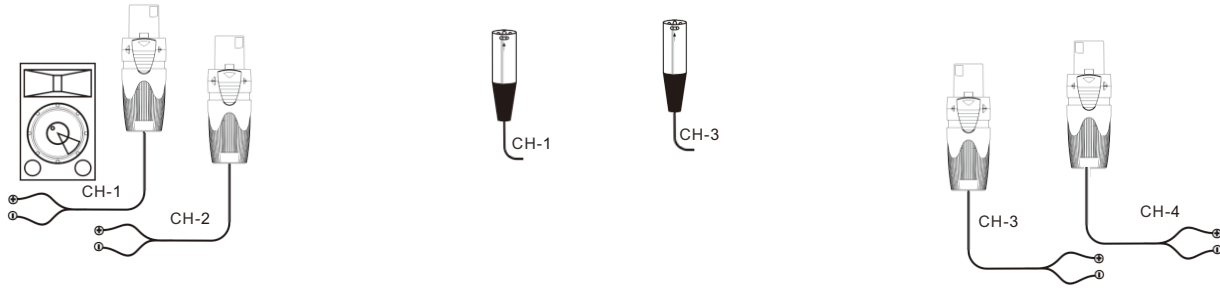
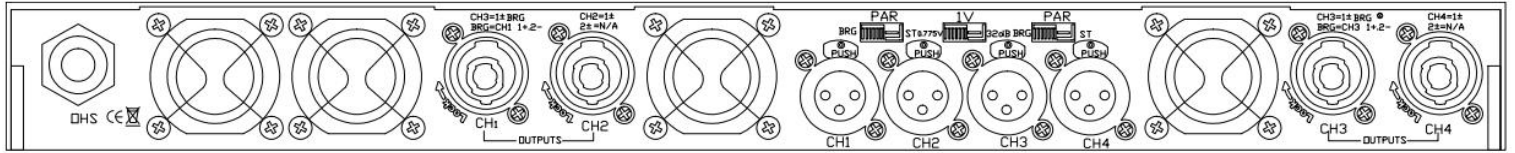
Audio output connections

Stereo Output connections

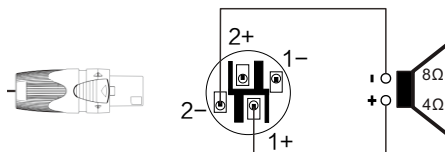
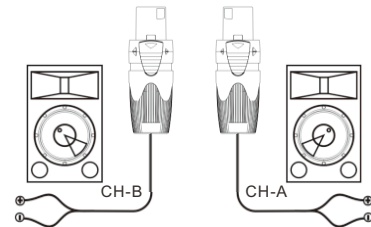
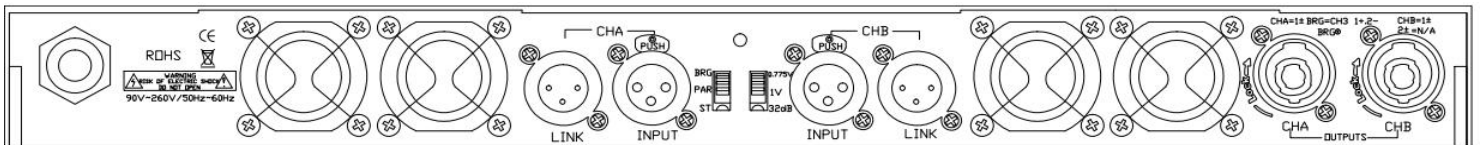
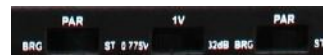


Audio output connections

Bridge Output connections



SWITCH



SWITCH





Professional Power Amplifier Specifications

ITEM	DA18K4	DA24K2
8Ω Stereo Power(RMS)	1800W x4	2400W x2
4Ω Stereo Power(RMS)	2800W x4	4100W x2
2Ω Stereo Power(RMS)	4500W x4	6300W x2
8Ω Bridged Power(RMS)	5600W x2	8200W
4Ω Bridged Power(RMS)	9000W x2	12600W
Frequency response 8Ω , 20Hz--20kHz , 1/8 rated power	±0.5dB	
1KHz THD:	0.01-0.03%	
Signal-to-Noise Ratio 8Ω, 1kHz ,1v Sensitivity	≥104dB	
Input sensitivity (rated power 8Ω)	0.775V/1V/32dB selectable	
Cross- talk(20Hz- 1kHz, below Rated Power)	≥70 dB	
Input Connectors (per channel)	3-pin XLR, electronically balanced	
Output Connectors (per channel)	Neutrik speakON	
Class	D	
TourClass Protection	Under voltage, DC, Over temperature, Over load limiter, short protection	
Operating voltage	90V-260V	
Input impedance	20kΩ (Balance) , 10kΩ (Unbalance)	
Damp Factor	≥5000	
Dimensions(WXHXD) mm	480x430x44mm	480x330x44mm
Packing dimension (mm)	532x522x103mm	515x415x103mm
Net weight(kg)	10.3kg	8.7kg
Gross weight(kg)	13kg	10.5kg

