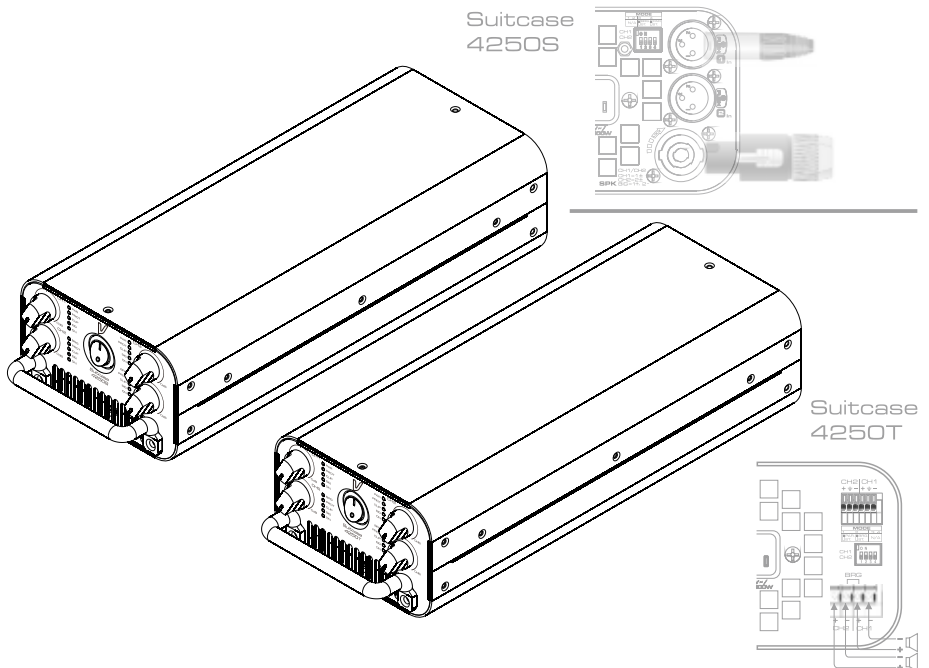


SUITCASE

User's manual



Output power

Model	8Ω	4Ω	8Ω BRG
Suitcase4250S	230Wx4	440Wx4	860Wx2
Suitcase4250T	230Wx4	440Wx4	860Wx2

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Important Safety Instruction and symbol description

- 1.Clean with soft cloth, or blow with hyperbaric air.
- 2.Warning:Avoid the formation of hot air circulation. Installation as suggested way.
- 3.Do not install near heat, make sure the application temperature is below 35°C.
- 4.Ensure that the grounding is valid, floating ground is not recommended.
- 5.Protect the wire from being trampled or extruded, especially the plug, socket and the connector of it.
- 6.Make sure the startup and turnoff procedure: Pre-amp - Amplifier (Power on) Power amplifier (off)-Pre-amp.
- 7.Power supply voltage must be in accord with the requirement of the equipment before use it.
- 8.Signal distributor is advised to be used when the input signal paralleled with more than 3 amplifiers, to ensure the input signal without distortion.
- 9.Don't connect the output interface of one channel to the input interface of another channel in the power amplifier. Don't connect one power amplifier to another one by connecting their output in series or parallel connection.
- 10.When equip the audio equipments, the power of the power amplifier should be 50%-100% more than the loudspeaker power. Be careful when in bridged mode.
- 11.When maintenance, don't connect the probe of the oscilloscope to the output interface under bridge mode in case of damaging the power amplifier and the oscilloscope.
- 12.Suggestions:
 - 1) Good quality NL4 Speakers screw plug is advised.
 - 2) Power distribution system should ensure the safety of applications of more than one amplifier.



The exclamation point triangle is used to alert the user to important operating or maintenance instructions.

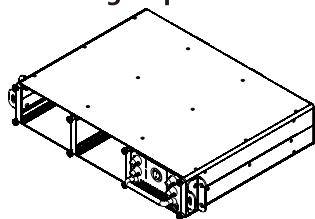
Safety instructions

	When stacking non-horizontally, the air outlet should be upward or be straight to the vent.		This product is suitable for safe use below altitudes 2000m.(Only for our company Switching Mode Power Supply equipments)
	Input/output connection cables can not be stacked on the air outlet of the product. They should be tied up on both sides of the amplifier.		This product is suitable for safe use of non tropical climate conditions.
	The ambient temperature should be lower than 35°C while running the amplifier		The materials which need to be technically recycled and can not be placed in the trash can.
	Please verify the temperature in the cabinet when the project is debugged, and should be kept below 35°C even though in the extreme conditions.		The lightning bolt triangle is used to alert the user To the risk of electric shock. Non-professional Qualified technicians do not open top or bottom covers for maintenance

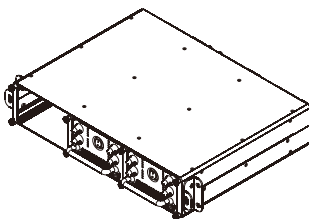


WARNING: To reduce the risk of fire or electric Shock, do not expose this apparatus To rain or moisture.

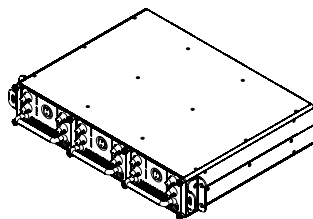
Used in group



Installed in a 19 inch rack with one suitcase



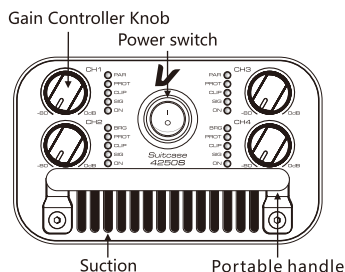
Installed in a 19 inch rack with two suitcase



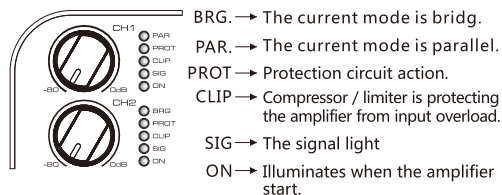
Installed in a 19 inch rack with three suitcase

- Suitcase4250 could be installed mixedly with different quantity in a 19 inch rack(Standard rack is the optional accessories), so that they could become different powers multi-channel amplifiers.

Front Panel

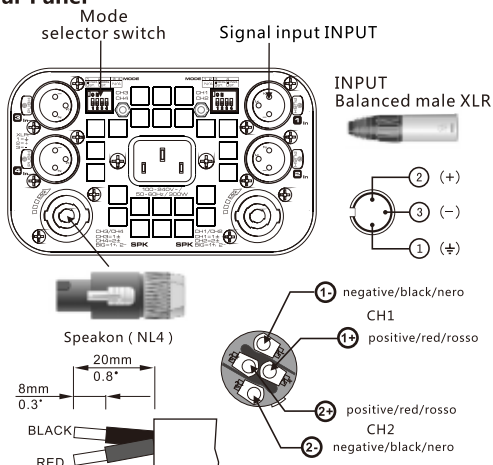


Indicator light function



CH1-CH2 → Gain Controller Knob 300° volume knob from 0 to -80dB. Stereo/Parallel Mode: volumes of CH1 and CH2 control independently. Bridge Mode: CH1 knob controls both volumes. CH1 stops working. For normal operation, please keep the controller at max (0 db).

Rear Panel



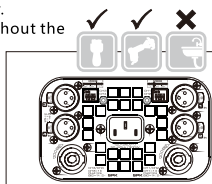
- ⚠ The quality of your soldering is very important. Virtual welding or soldering errors, Would be likely to affect the normal Use or even failure
- ⚠ It can work from 4-16ohm in stereo or parallel mode. It can work good from 8ohm to 16ohm In bridge mode

Cleaning guide of the dust filter

- The first time cleaning of the strainer mesh should be right after installation. Recommend to clean the strainer mesh quarterly.
- Please do not run the product without the dust filter, or it makes the service life of the product shorten.



Such condition will be considered as no warranty.



Wiring and AC power supply

The Standard Voltage : 100-240V ~

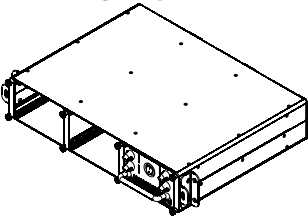
Model	Dissipation Power	Cable size
Suitcase4250S	300W	≥1.0mm ²



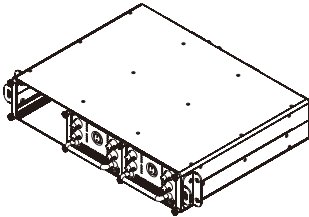
You should connect Ground for safety use.

If you don't have qualified Ground connection or not use the Ground, you may have a electricity shock. To avoid such thing happen, please connect Ground when you use.

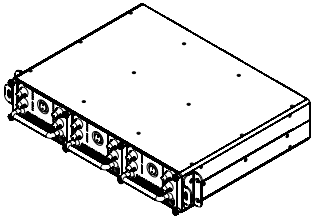
Used in group



Installed in a 19 inch rack with one suitcase



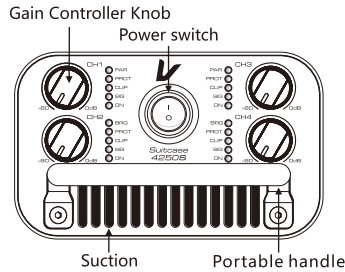
Installed in a 19 inch rack with two suitcase



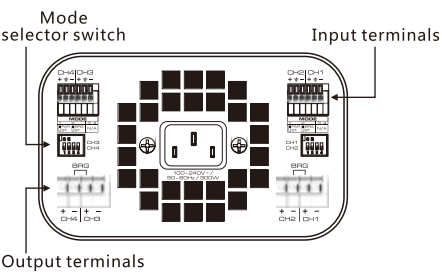
Installed in a 19 inch rack with three suitcase

- Suitcase4250 could be installed mixedly with different quantity in a 19 inch rack(Standard rack is the optional accessories), so that they could become different powers multi-channel amplifiers.

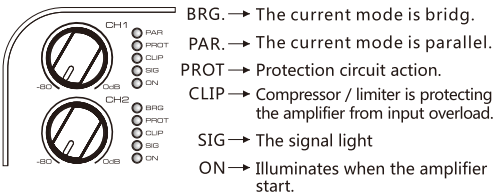
Front Panel



Rear Panel

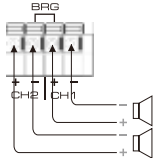
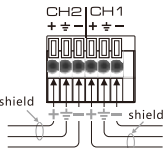
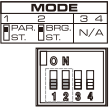


Indicator light function

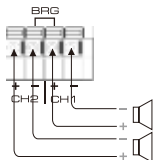
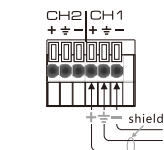
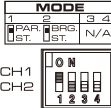


CH1-CH2 → Gain Controller Knob 300° volume knob from 0 to -80dB. Stereo/Parallel Mode: volumes of CH1 and CH2 control independently. Bridge Mode: CH1 knob controls both volumes. CH1 stops working. For normal operation, please keep the controller at max (0 db).

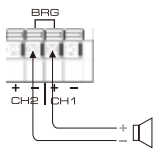
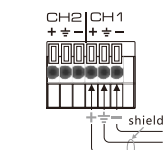
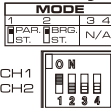
Stereo mode
ST.= Stereo



Parallel mode
PAR.= Parallel



Bridge mode
BRG.= Bridge



Wiring and AC power supply

The Standard Voltage : 100-240V ~

Model	Dissipation Power	Cable size
Suitcase4250T	300W	≥1.0mm ²



You should connect Ground for safety use.

If you don't have qualified Ground connection or not use the Ground, you may have a electricity shock. To avoid such thing happen, please connect Ground when you use.



It can work from 4-16ohm in stereo or parallel mode. It can work good from 8ohm to 16ohm In bridge mode

Specifications

Model	Suitcase4250S	Suitcase4250T
Output power		
8Ω stereo	230Wx4	230Wx4
4Ω stereo	440Wx4	440Wx4
8Ω bridge	860Wx2	860Wx2

Other Specifications		
Frequency response	20Hz-20KHz(±0.5dB)	20Hz-20KHz(±0.5dB)
THD+N	≤0.02%	≤0.02%
S/N rate	≥96dB	≥96dB
Slew rate	≥10V/μs	≥10V/μs
Input sensitivity	1.0V	1.0V
Input impedance(bal/unbal)	40kΩ/20kΩ	40kΩ/20kΩ
Voltage gain (8 ohm)	32dB	32dB
Output circuitry	Class D	Class D
Cooling	Air flow from front to rear	
Protection	Soft start, DC, short circuit, over load, clip limit, over heat, progressive volume	

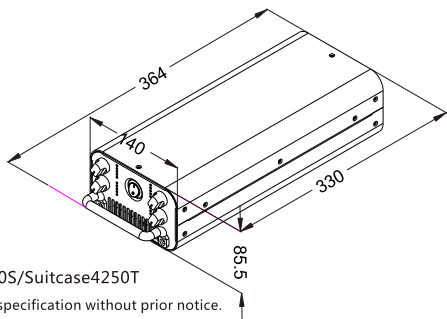
Connection		
Input	Balance input XLR-F	4 input terminals
Output	NL4 SPEAKON	6 output terminals

Function	
Front panel	Front panel indicator: Working indicator, Signal/Clip/Protection/Power on volume control knob
Rear panel	Stereo/parallel/bridge selection switch

Dimensions/Weight		
Product Dimension(mm)	384x140x85	384x140x85
Packaging Dimension(mm)	455x255x175	455x255x175
G.W.	3.9kg	4.0kg
Power Supply	10A Power Cord	

Remark : 1、The power is tested under EIA standard.

Product dimension(mm)



Suitable model:Suitcase4250S/Suitcase4250T

The manufacturer reserves the rights to make changes in specification without prior notice.
The final specification is subject to the user's manual.



Verity audio reserves the right to make any changes to the product specifications without prior notice.
Final specifications to be found in the user manual.