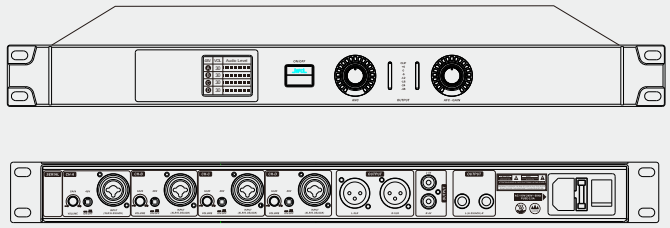
Feedback Suppressor



Feedback Suppressor

User Manual

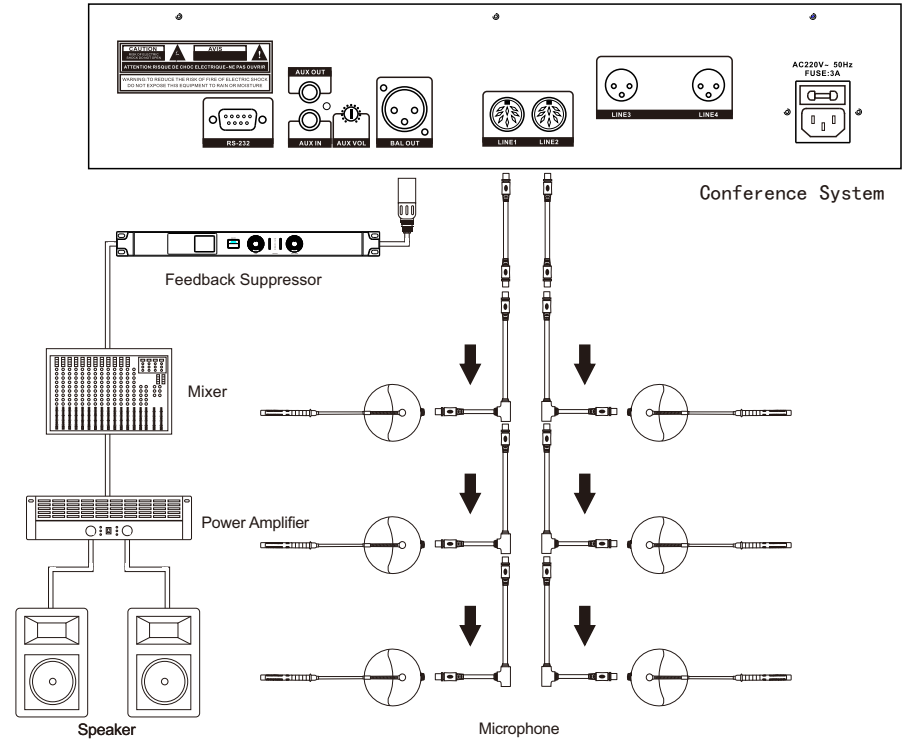
Statment：The pictures in the manual are for reference only. Please refer to the real product (including but not limited to color, size, screen display, etc.). The company has the right to change the product or specification at any time without prior notice.

Thank you for purchasing our product,in order to make our products a better preformance, please read the instructions carefully before using.

⚠ CAUTIONS ⚠

1.Turn off the Power before installing ,removing and wiring the equipment . Otherwise ,there will be a risk of electric shock.
2.Do not disassemble the machine, otherwise it will cause failure
3.Please use the unit within the following conditions(temperature,humidity , vibration ,installation direction, environment ,etc .)Otherwise,there is a risk of fire or malfunction.
4.Do not block the ventilation holes of the equipment. Otherwise,there is a risk of fire or malfunction.
5.Please follow the standard of the machine connection, the specified power supply and construction method, and wire it correctly.Otherwise, there is a risk of electric shock, fire, or malfunction.
6.Do not let the broken wire, iron power, water inside the case.Otherwise , there will be a risk of fire.
7.When disposing of the machine, please follow the local regulations, Properly handled according to industrial waste.
8.The equipment must be exposed to water droplets or water splashes.
9.The equipment should be connected to the grid power outlet with protective grounding.
10.If the power plug and appliance coupler are used as disconnect devices, the disconnect device should kept easy to operate(Such as knife switch or leakage switch)
11.The equipment is only suitable for safe use in areas below with an elevation of 2000 meters.
12.The equipment is only suitable for safe use in non-climte conditions.

System Wiring Diagram



Technology Specification

A.Audio Input Specifiation	
Input	4 * XLR ,4 * TRS
Input Impedance	20KΩ(Balance),10KΩ(Unbanance)
Analog Input gain	0-24DBu

B.Audio Output Specifiation	
Output	2*XLR,2*RCA,2*6.35mm interface
Output Impedance	47KΩ
Analog Output Gain	0DBu

C.Power Specifiation	
Power Voltage	AC100V-240V 50-60HZ
Power Comsumption	Maximum 10W

D.System Data	
Frequency Response	20HZ-20KHZ
S/N Ratio	≥86DBu
T.H.D	0.075% 1KHZ@15DBu
Feedback Rejection Gain	0-12DBu
Noise Reduction Gain	0-24DBu
Bottom Noise	≥-100DBu
Sampling Rate	48KHZ

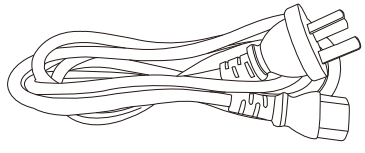
E.Digital Processing	
32bit 450MHZ，DSP	Yes
Howling Point Tracking	≥1024

Contents

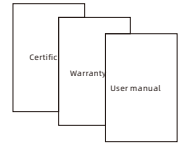
Characteristics

Digital adaptive feedback suppressor, built-in dedicated high-speed floating-point digital signal processor and adaptive feedback (AFC) suppression algorithm, which can eliminate the self - interference to a large extent without distortion
In order to improve the signal-to-noise ratio and the sound quality, the howling system can reduce the current noise.
On site expansion
The sound feedback of sound can be eliminated quickly and effectively, which greatly improves the sound transmission gain of the system,
Adaptive without debugging, gain increased by 6-15db, using TFT LCD display. It can be widely used
It is used in conference room, KTV private room, theater company, on-site public address system, etc.

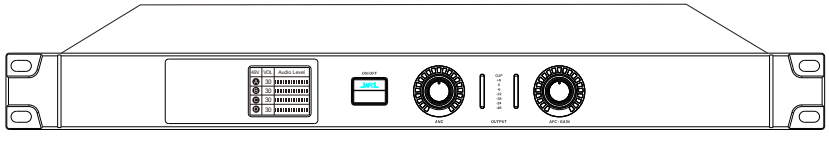
Configuration List



Power Cord×1

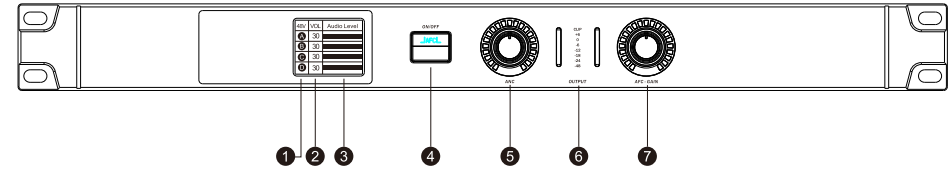


Certificate×1
warranty card×1
User manual×1



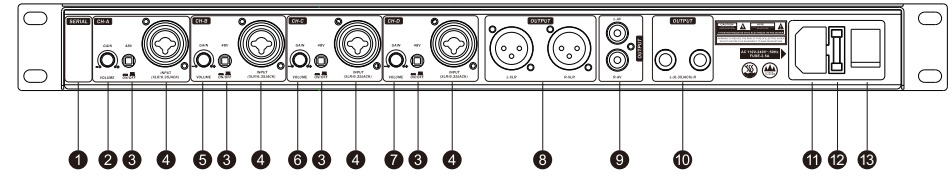
Host ×1

Front Panel



①.48V indicator,Red light means "OFF"
Green light means "ON"
②.Input Gain
③.Channel Input level
④.AFC Switch
⑤.ANC Noise Reduction Adjustment
⑥.Output Level
⑦.AFC Input Gain

Rear Panel



①.Bar code
②.Mic A Gain
③.48V Switch
④.Multi function socket
（6.3mm interface，XLR interface）
⑤.Mic B Gain
⑥.Mic C Gain
⑦.Mic D Gain
⑧.XLR Audio Output
⑨.RCA Audio Output
⑩.6.35mm Audio Output
⑪.220V Power Output
⑫.Fuse
⑬.Power Switch