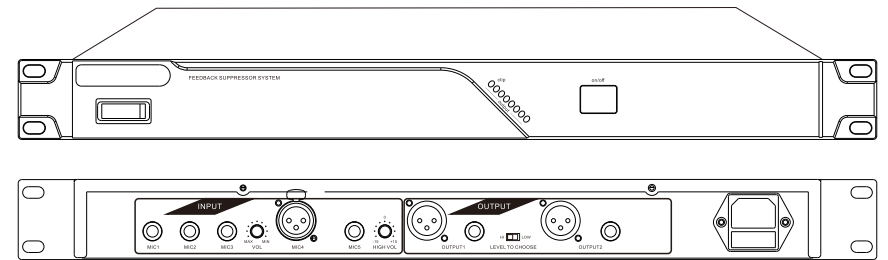


# Auto Speed Feedback Suppressor






## User Guide

Statement: The pictures in the manual are for reference only, the product(including but not limited to color, size, screen display, etc.)Please refer to the actual product. Our company reserves the right to make changes to products or specifications at any time without notice .

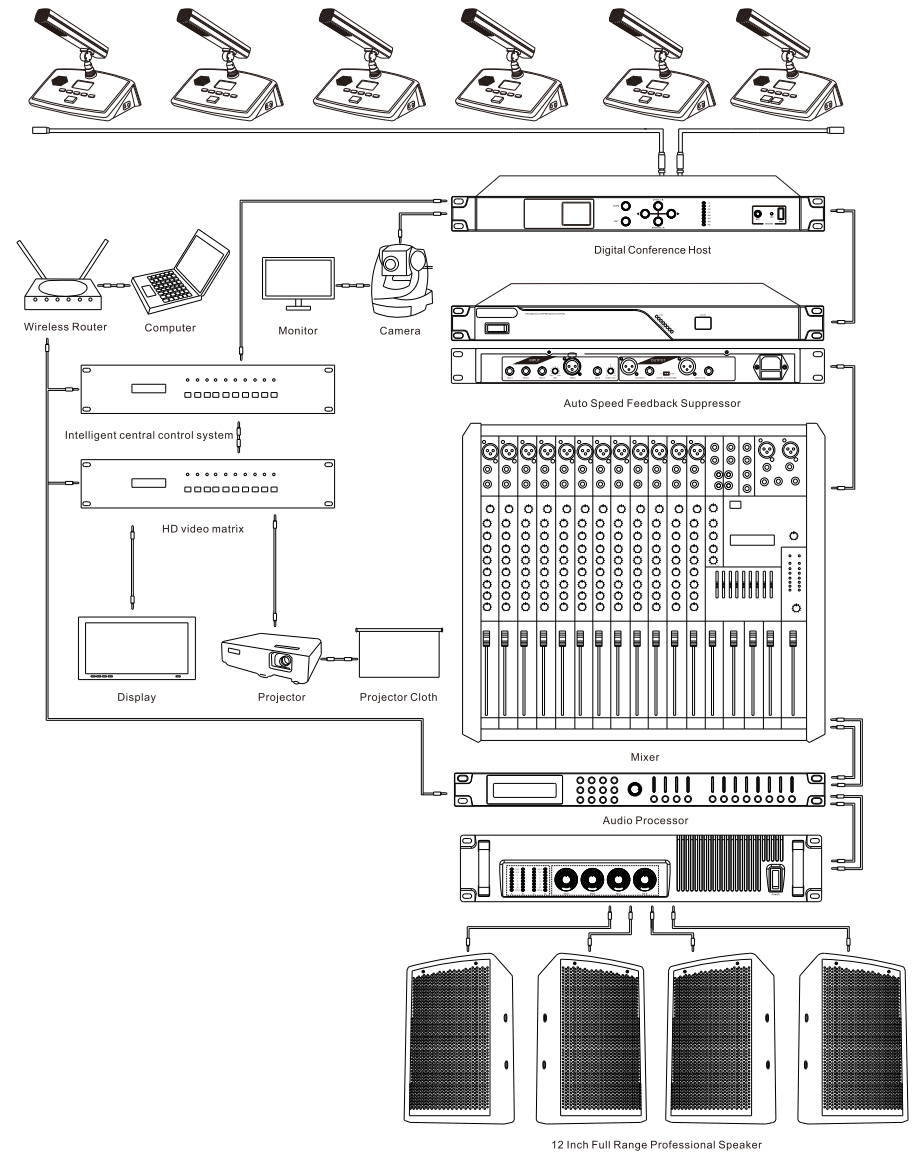
Thank you very much for purchasing our product. In order to ensure the best performance of the product, before use Read the user manual carefully.

## ⚠ CAUTION ⚠

1. When installing, removing and wiring the machine, be sure to cut off the power Afterwards. Otherwise, there will be a risk of electric shock.
2. Do not disassemble the machine, otherwise it will cause malfunction.
3. Please specify the usage conditions (temperature, humidity, vibration, installation direction, Use this machine within the environment, etc.). Otherwise, there is a risk of fire and malfunction.
4. Do not block the ventilation holes of the machine. Otherwise, there is a risk of fire and malfunction.
5. Please follow the wiring standards, specified power supply and construction methods of this machine, and wire correctly. Otherwise, there is a danger of electric shock, fire, and malfunction.
6. Do not let broken wires, iron powder, water, etc. enter the case. Otherwise, there is a risk of fire and failure.
7. When disposing of this machine, please follow local laws and regulations, and treat it as industrial waste. Deal with it appropriately.
8. The equipment must not be exposed to water droplets or splashes (do not place liquids such as vases/items) 
9. The equipment should be connected to a grid power outlet with protective grounding.
10. If the power plug and appliance coupler are used as the disconnect device, the disconnect device should. When keeping it easy to operate. (Such as knife switch or leakage switch)
11. The equipment is only suitable for safe use in areas below 2000m  above sea level.
12. The equipment is only suitable for safe use in non-climatic conditions. 



## ⚡ System Connection Diagram



## System Debugging Method

This machine is easy to debugging that no need to special training, and the operation is simple and easy to understand. The whole machine adopts imported DSP chip signal processing. The dynamic range of the input is very wide.

### A. Conference System

The conference system is a high-level output product, so this machine should be selected at the signal input port "MIC(4,5)" or line output. After the entire audio system is wired and turn on the power, turn the potentiometer on the rear panel of the unit to half of the setting "HIGH VOL" first, then slowly raise the potentiometer "VOL" and speak to the microphone normally, then turn up the volume potentiometer to the front panel of the unit. "AF" LED light is flashing, the "PEAK" light is slightly bright once, then gradually increase the volume of the mixer to your need. The rear panel "HIGH VOL" Potentiometer can be adjusted according to the sound field tone to be clear and not harsh, At this point, the debugging is completed.

### B. Wireless conference microphone / condenser microphone

The wireless conference microphone is a low-level output product, so the signal input port of the machine should select "MIC(1,2,3)" line input. After the entire audio system is connected, the debugging method is the same as the A "conference system" operating instructions.

## Product Specifications

Rated Voltage	220V±10% 50/60Hz
Frequency Response	125Hz~15KHz
T.H.D	< 0.1% @1KHz
S/N Ratio	> 90dB
Input Impedance	22KΩ
Output Impedance(XLR)	200Ω
Temperature range	-10~55°C
Weight	4kg
Size	480×210×44mm(19" International standard)

# Catalog

Product Introduction .....	(1)
Product Configuration List .....	(1)
Front Panel Function Description .....	(2)
Rear Panel Function Description.....	(2)
System Debugging Method .....	(3)
Product Specifications .....	(3)
System Connection Diagram.....	(4)

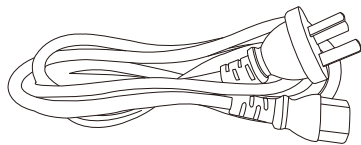
## Product Introduction

This product is a fully automatic high-speed feedback suppressor that is professionally used in conference room engineering. Powerful DSP system, which can actively filter the whistling sound that causes signal return, and before the return occurs elimination, so that the original signal is not affected. Completely simple operation, no adjustment is required, the input terminal has a large volume. Small adjustment, the output end is equipped with high-frequency attenuation control for various audio equipment, and is equipped with automatic noise suppression. It suitable for all kinds of conference equipment. Simple to use, can increase the microphone gain by 8-12dB without howling. The pickup distance can be increase by 50-120cm. Because it uses DSP digital algorithm, the effect is much more stable than the analog frequency shift effect. The frequency shift effect will be affected by ambient temperature, humidity, dust, etc., no need to debug, automatically adapt to the acoustic environment Environment. No matter how many microphones are turned on, the effect is still excellent, high fidelity, easy reproduction of the original sound, intelligent mixing, Seamless high-speed conversion.

### Attention:

1. In the process of use, please turn on the microphone first, and then slowly increase the volume of the system to a proper level.
2. When the conference system starts for the first time, it can not receive the environmental signal from the venue, and when the microphone is turned on An adaptive process of about 5 seconds will be generated, and the environment signal of the previous meeting will be saved automatically when the next machine is turned on.

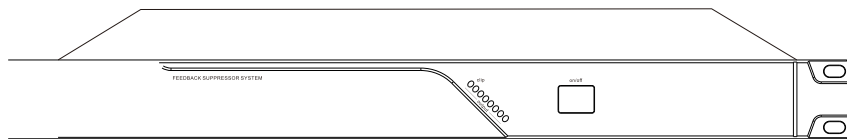
## Product Configuration List



Power cord × 1



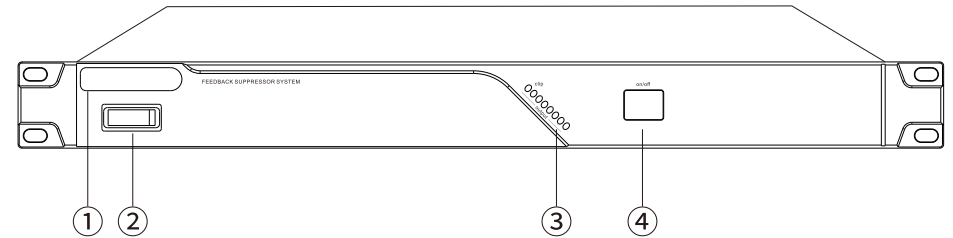
Instruction × 1



Host × 1

1

## Front Panel Function Description



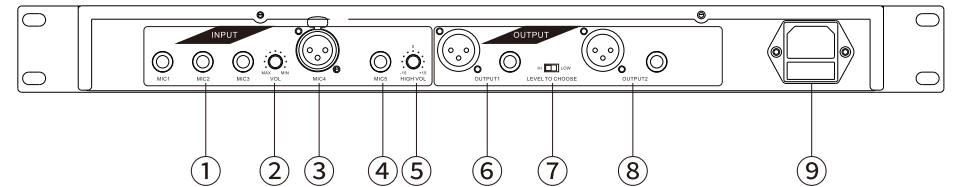
① LOGO

② Power switch

③ Output Display

④ Feedback Suppression Function Switch

## Rear Panel Function Description



① MIC1/2/3 6.35mm Input

② Input Signal Volume Control

③ High Level System XLR Input

④ High Level System 6.35mm Input

⑤ Signal Output Treble Attenuation  
And Lift Adjustment

⑥ XLR/6.35 Input 1

⑦ Output High And Low Frequency Switch

⑧ XLR/6.35 Input 2

⑨ AC power input socket,  
connected to AC220 V power supply,  
Fuse 220 V 2.5 A

2