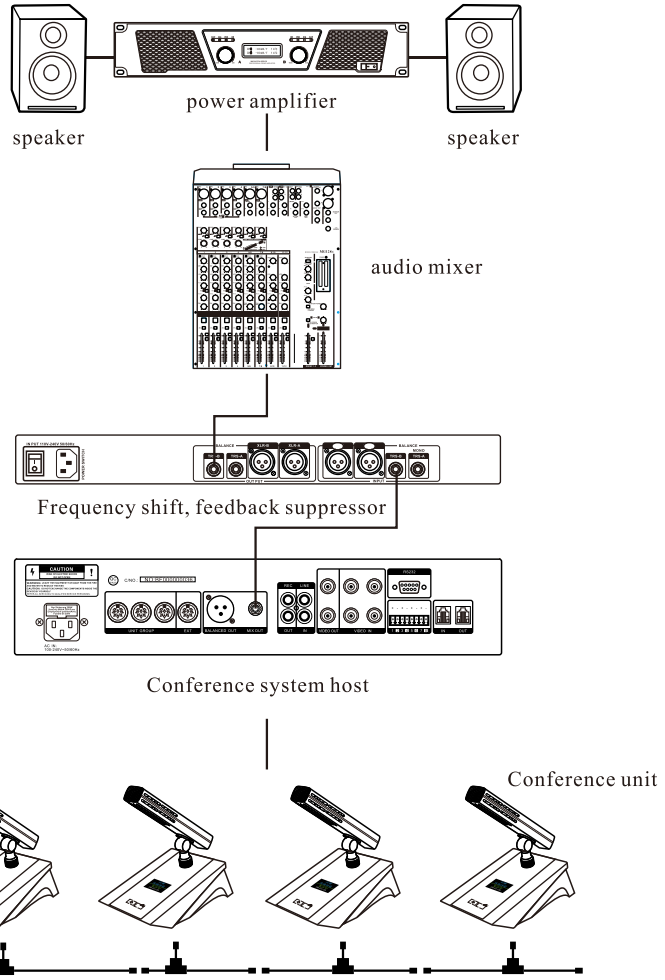
The microphone produces howling or a lot of noise	The microphone is too close to the loudspeaker	Keep the microphone away from the loudspeaker
	The microphone volume is too high	Adjust the microphone volume to the appropriate position
	Microphone specifications do not match	Replace the microphone
	The microphone is not fully inserted	Plug in the microphone

5. Schematic diagram of connection with the conference system

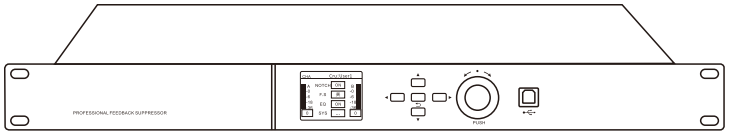


Care and maintenance

Before fixing or cleaning the device, cut of the electricity supply. Clean it with soft cloth. For spots, clean it with cloth that has neutral cleaning solvent and dry it with another cloth. Do not use gasoline, diluents or any other chemical product, or else the surface will be damaged.

Operation Guide

FEEDBACK SUPPRESSOR

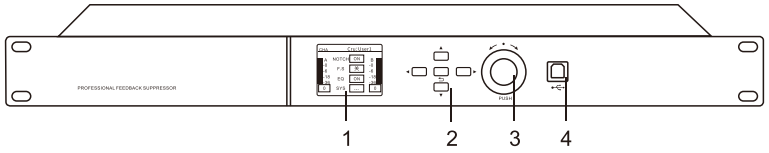


1.Product performance characteristics

1). 2-inch TFT color screen, intuitively displaying work content, with free switching between Chinese and English.
2). Five-button control, featuring frequency shifting, feedback, and personalized equalization adjustment.
3). Feedback with frequency shift, with 4 levels of frequency shift options.
4). Each channel is equipped with 12 notch filters, frequency range 20-20KHZ, which automatically scan for and suppress howling points.
5). Equipped with a noise gate function, it can suppress weak noise interference in the system.
6). Input compression function, which eliminates feedback and enhances vocal dynamics.
7). The response time can be set to three speeds: fast, medium, and slow, making it more user-friendly.
8). PC debugging software, USB plug-and-play without driver, convenient and fast.
9). 4-in-4-out, featuring 2 balanced output/input channels and 2 unbalanced output/input channels.
10). Secondary security lock, humanized to prevent misoperation.

2.Functional diagram and operation

2.1Front panel



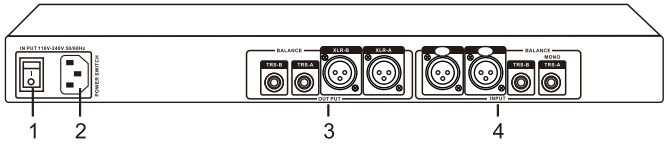
1. Color display screen
Output information and various parameters being adjusted.

2. Menu selection button
Used to adjust various parameters in the menu, with operations being implemented through the confirmation button in the middle.

3. Shuttle knob
When selecting options on the main interface, each press corresponds to a lower-level adjustment; the left and right rotation function is effective in adjusting the input level signal indicator and menu bar interface.

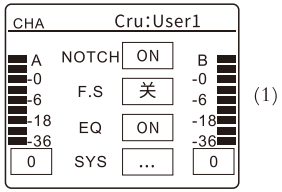
4. USB external interface
The USB external interface can be connected to a computer for program updates or directly controlled by PC software.

2.2Back panel



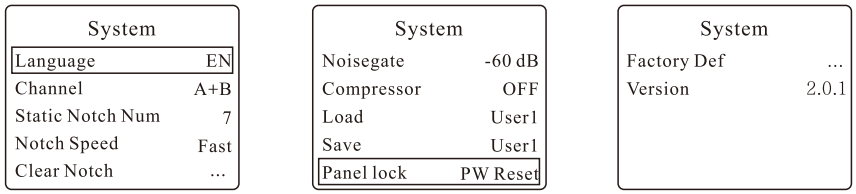
1.Power switch 2.Power outlet 3.Output port 4.Input port

2.3Display screen illustration and operation



(1)

1).Select the function option by operating with the up, down, left, and right keys;
2).Press the shuttle knob, and each press adjusts the next lower level parameter.
3).When the input level signal indicator is selected, 81 levels can be adjusted by rotating the shuttle, and pressing the shuttle button can mute the sound.
4).Select the menu option and press the shuttle key to enter the menu interface.



(1) (2) (3)

1). Select the function option by operating the up and down arrow keys.
2). Use the left and right keys or the rotary shuttle to adjust the next level parameter, and press the shuttle key to confirm.
3). After adjusting all options, select the "Save" option and press the shuttle key to confirm and save the changes.

3.Product parameters

Analog input	: 2-channel hybrid unbalanced output and 2-channel balanced output
Input impedance	: Balanced 47, unbalanced 20K
Maximum line level input	: +18dBu
Analog output	: 2-channel mixed unbalanced output and 2-channel balanced output
Output impedance	: Balance > 120, imbalance > 60
Maximum output level	: +20dBu
Frequency response	: 20Hz-20KHz,±0.3dB
Signal-to-noise ratio	: >105dB(A)
Dynamic range	: 103dB
Total harmonic distortion + noise:	0.005%,1KHz;20Hz-10KH,<0.01%; 10KHz-20KHz,<0.025%
Operating voltage	: 110V/220V/AC 50Hz/60Hz
Power supply	: Power supply: 90 to 240V, 50/60Hz, power consumption <30W
Net weight	: 2.3kg
Packaging size	: 535*80*250mm

4.Simple fault handling

phenomenon	reason	process
No sound output and the display screen is not illuminated	The power outlet is not working	Overhaul the power supply system
	The power plug is not plugged in	Connect the power plug correctly and ensure good contact
	The 220V AC fuse is blown	After unplugging the power cord, replace the fuse
No sound output but the display screen is lit	The signal line is not properly connected	Connect the signal line correctly
	Turn down the main volume potentio meter	Adjust the volume potentiometer
	The signal is plugged in the wrong position	Connect the signal input correctly
	The signal source has no signal output	Overhaul the sound source system
There is only one signal output	The signal cable is not properly connected	Connect the signal line correctly
	Adjust the balance potentiometer to its extreme setting	Adjust the balance potentiometer to the midpoint
	A signal cable is plugged in the wrong position	Connect the signal input correctly
	The signal line is broken	Check whether the signal line is open-circuited
The microphone has no sound or the sound is very low	The switch on the microphone is turned off	Turn on the switch on the microphone
	The microphone is not fully plugged in	Plug in the microphone
	Turn down the microphone volume potentiometer	Adjust the microphone volume to the appropriate position
	The microphone is broken	Replace the microphone