

# VOSS AUDIO FEEDBACK SUPPRESSOR V-850



## Introduction:

It adopts the algorithm of echo cancellation and elimination of reverberation to effectively filter room reverberation, thereby achieving the purpose of eliminating acoustic feedback. By adding shielding noise (inaudible noise) to the output signal, or changing the frequency of the output signal by 5 Hz, the feedback suppressor can detect the component that causes reverberation in the signal and remove it before the feedback occurs, while maintaining the initial signal intact. Number of input channels: 2 channels (2 channels of balanced line/microphone input or 2 channels of 6.35 unbalanced input). 24V phantom power switch selection module is provided, which can provide power for 2 microphones.

## Features and advantages:

- ★No need to debug, automatically adapt to the acoustic environment;
- ★A gain of 6dB can be obtained under any use situation, up to 12dB;
- ★No matter how many microphones are turned on, the effect is still excellent;
- ★Fully automatic, free of debugging, and zero maintenance.
- ★Eliminate feedback before it happens
- ★Automatically adapt to the acoustic environment
- ★2-channel balanced line or microphone input, providing phantom power
- ★The adaptive filter can be switched between "fast" mode and "precise" mode.
- ★Fast mode is suitable for occasions where the position of the microphone changes frequently:  
For example, in a discussion system equipped with multiple conversion microphones. The precise mode is suitable for occasions where the microphone position is fixed.  
For example, a forum with a more complicated acoustic environment.

## technical parameter:

Number of input channels: 2 channels (2 channels balanced input or select 2 channels 6.35 unbalanced input)

Phantom power supply: 2 channels 24V phantom power supply

Rated voltage: AC~220V±10% 50Hz/60Hz

Frequency response: 125Hz~15KHz

Distortion: <0.1% @ 1KHz

Signal to noise ratio: > 90dB

Input impedance: 20KΩ

Output impedance (balanced): 200Ω

Temperature range: -10~55°C

Weight: 3.5kg

Size: 480×220×44mm