

## 2 in 2 out Feedback Suppressor

### Description

This device is a high performance dual channel automatic feedback suppressor, equipped with two simulated balance input and 2 road simulation output balance. High quality sound for a large professional sound reinforcement design. Provide professional feedback suppressor effect, high quality frequency shift + notch algorithm feedback inhibition effect of high quality and low noise. Simple operation, and device to provide a 5-speed preset rapid chosen to fit the current usage scenarios. Through the setting of PC PC connected to the USB interface can be fully gain, noise gate, pressure limit, frequency shift, notch and EQ, and save the Settings.

### Features

- ▶ 48 kHz sampling frequency, 32 – bit DPS processor frequency zone (300 million), 24 to bitA/D and D/A conversion.
- ▶ A 5-speed automatic frequency shift mode selection, type are suitable for all kinds of scenarios and microphone.
- ▶ Using 2 inch IPS panel display shows parameter function, resolution of 320 \* 240. Can be selected English menu display.
- ▶ 48 filter state LED light real-time display, each channel 12 static + 12 dynamic filter.
- ▶ Using a single bond shuttle and quick operation, fast implementation pattern, direct, locking and selection function in both Chinese and English.
- ▶ Adjustable frequency shift is plus or minus 10 Hz (1 Hz step), filter gain, Q value and quantity is adjustable.
- ▶ Independent each channel gain, noise gate, pressure limit device, frequency shift, filter, high and low pass, 7 segment PEQ feature set.
- ▶ Provide USB and RS – 485 communication interface, connection PC PC and control device.
- ▶ Through the PC computer to edit a 5-speed default mode, archiving and EQ file import and export support mode.



Model	FS-220
Input channel	2 x Female XLR and 1/4" TRS, Electronically balanced/unbalanced, RF filtered
Output channel	2 x Male XLR and 1/4" TRS, Electronically balanced/unbalanced, RF filtered
Input impedance	Balanced: 10K $\Omega$
Output impedance	Balanced: 470 $\Omega$
Maximum input level	$\leq +20\text{dBu}$
Maximum output level	$\leq +20\text{dBu}$
Frequency Response	20Hz–20KHz $\pm 1\text{ dB}$
Dynamic range	$\geq 110\text{dB}$
THD+N	$\geq 103\text{dB @ 1kHz 0dBu (A-weighted)}$
Distortion	$< 0.012\% \text{ OUTPUT=0dBu/1kHz}$
PC interface	USB Type-B
Communication interface	RS-485, Baud rate: 115200
DSP	48kHz Sample Rate, 24-bit A/D & D/A Conversion.
Power consumption	$< 20\text{W}$
Working temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Dimensions (L x H x D)	482x44.4x265mm
Unit Weight	3.2 kg
Transport size (L x H x D)	600x90x338mm
Gross weight	4.2 kg