

D2100F

Digital Feedback Suppressor



Description

This device is a high-performance digital feedback suppressor featuring 4 microphone inputs and 1 microphone output. It is engineered for high-quality sound reinforcement in medium to large professional venues, delivering professional-grade feedback suppression performance. It is well suited for conference rooms, courtrooms, auditoriums, multi-purpose halls, and performance venues.

Features

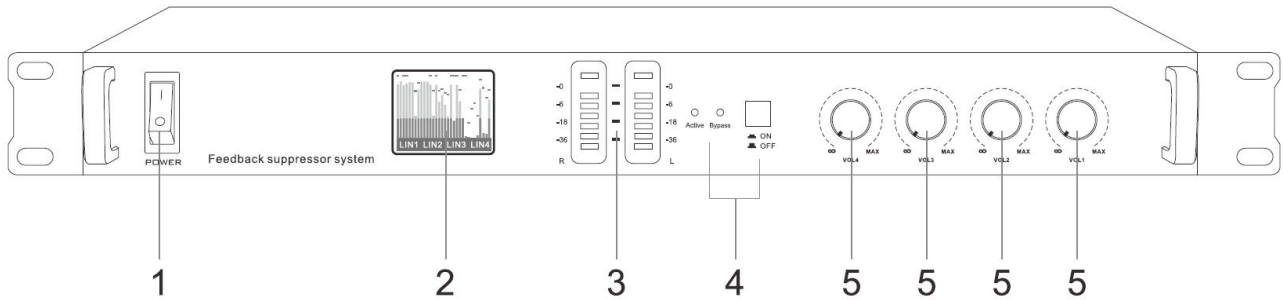
- High-performance professional audio processor.
- 4 balanced/unbalanced microphone inputs and 1 balanced/unbalanced output.
- 1 line signal input and 1 line signal output.
- TFT color screen for displaying spectrum signals and operating status.
- Signal level indication and BYPASS/ACTIVE switch.
- 48V phantom power switch and independent volume control for each of the 4 microphone inputs.

Specifications

Model		D2100F
Display Screen		TFT color screen
Frequency Response		125Hz-15kHz
Distortion		<0.1% (1kHz)
Gain	Bypass Mode	Line input 0dB
		Microphone input 24/36/48dB
	Active Mode	Line input 0dB
		Microphone input 24/36/48dB
S/N Ratio		>90dB
Signal Delay		11ms
Decoupler Frequency Shift		Up to 5Hz
Microphone/Line Input		4 inputs
Connector		3-pin XLR, balanced/6.5 unbalanced
Maximum Level		Line input 18/6/-6dBV
Impedance		Microphone input -18/-30/-42dBV
		10kΩ/2kΩ(line/microphone)
CMRR		>25dB (50Hz-20kHz)

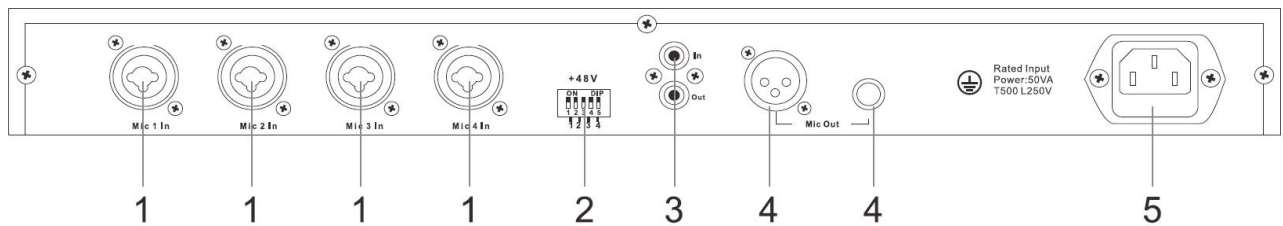
Front / Rear Panel

Front Panel



1. Power switch.
2. TFT color screen, display spectrum signals and operating status.
3. Signal indication.
4. BYPASS/ACTIVE switch. If BYPASS indicator light is on, it indicates that it is in the bypass state; if ACTIVE indicator light is on, it indicates that it is in the working state.
5. Volume control for 4 microphones.

Rear Panel



1. Microphone balanced/unbalanced input.
2. 48V phantom power switch for 4 microphone inputs, dialed up for on.
3. Line signal input/output.
4. Microphone balanced/unbalanced output.
5. Power connector.