D2200F

2 Channels Feedback Suppressor

Description

D2200F full automatic two-channel feedback suppressor is a high-performance dual-channel feedback suppressor with 2 analog balanced inputs and 2 analog balanced outputs. The product is designed for high-quality sound reinforcement of medium and large professional venues, providing professional feedback suppressor effect, The device is easy to operate with its patented frequency shifting and wave limiting algorithms to achieve high speech quality and low sound feedback suppression.

Features

- Adopt high-performance professional audio processor with a DSP technology
- 48K sampling frequency
- 2-way balanced input, 2-way balanced output
- Built-in 48 notch filters, 12 static notch filters + 12 dynamic notch filters per channel
- Full automatic feedback suppressor, 5-level preset
- The compressor and noise gate function are provided for input and output.
- One-key BYPASS, panel with key lock function
- Channel input with volume gain function
- Two channel level indication

Specifications

Model	D2200F
Signal Processing	32-bit fixed/floating-point DSP
Audio System Delay	<1.9ms
Digital-analog Conversion	24-bit
Sampling Rate	48kHz
Frequency Response Range	20hz-20kHz

export@dsppa.com / www.dsppatech.com

The specifications will be subject to changes without prior notice.

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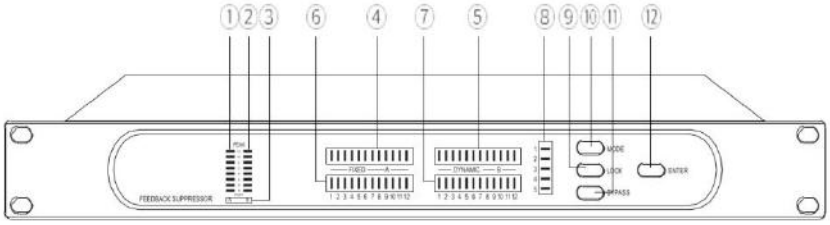
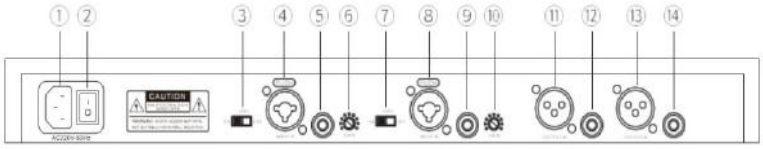
Harmonic distortion	<0.014%THD+D
SNR	108dB(A-weighted),106dB(Non-weighting)
Dynamic Range	110dB
Input Interface	2-way XLR/2-way 1/4’’ TRS (Female) balanced input
Input Impedance	Balance 500, unbalance 10kΩ
Output Interface	2-way XLR/2-way 1/4’’ TRS (Female) balanced input
Output Impedance	120Ω
Max. Input Level	2VRMS
Max. Output Level	6VRMS
Function	Noise gate, frequency shifting techniques, wave filtering, EQ, compressor limiter
Feedback suppression mode	Frequency shifting and automatic wave limiter, optional static feedback points up to 12, dynamic feedback points
	Max. 12
Power Supply	AC220V~50Hz, Power 35W
Working Temperature	20℃～+60℃
Dimension	480×262×44mm
Package Dimension	525×340×135mm
Net Weight	3.2Kg
Gross Weight	3.7Kg

Front / Rear Panel



1. Channel 1 level indication
2. Channel 2 level indication
3. Charging indicator light
4. Channel 1 Static indicator area
5. Channel 1 Dynamic indicator area
6. Channel 2 Dynamic indicator area
7. Channel 2 Dynamic indicator area
8. Mode 1-5 power indicator area
9. MODE mode switch button
10. Lock function switch
11. BYPASS switch
12. ENTER save switch



1. Power input
2. Power switch

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3. Channel 1 +48V phantom power
4. Channel 1 XLR input jack
5. Channel 1 6.35 input jack
6. Channel 1 The volume gain potentiometer
7. Channel 2 +48V phantom power
8. Channel 2 XLR input jack
9. Channel 2 6.35 input jack
10. Channel 2 The volume gain potentiometer
11. Channel 1 XLR output jack
12. Channel 1 6.35 input jack
13. Channel 2 XLR output jack
14. Channel 2 6.35 input jack

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