

MP-0202

Suppressor

DESCRIPTION

The high-performance dual-channel fully automatic feedback suppressor is designed with 2 analog balanced inputs and 2 analog balanced outputs. Designed for high-quality sound reinforcement in medium and large professional venues. Widely used in conference rooms, performances, auditoriums, multi-function halls and other scenes.

FEATURE

- High-performance 40-bit DPS processor (clocked at 400M), providing 32-bit/48kHz excellent high-quality sound.
- Adopt "notch" + "frequency shift" dual methods for feedback suppression. The notch filter provides 12 fixed points + 12 dynamic points. High-precision frequency shift, ranging from -10Hz to 10Hz.
- Support noise gate function for eliminating noise. Provides multiple parameter settings at the same time to facilitate flexible on-site application.
- Support noise gate function to limit the output size. Provides multiple parameter settings at the same time to facilitate flexible on-site application.
- Support equalizer function, provides graphic equalizer and parametric equalizer types, and provides optional 8-band parametric equalizer and 31-band graphic equalizer. The graphic equalizer supports multiple types of overhead, bottom shelf, and parametric filters. The graphic equalizer supports single point bandwidth mode configuration.
- The crossover supports three filter types: Bessel, Linkwich-Rayleigh, Butterworth and 6/12/18/24/32/48db/oct, the filter is adjustable in the entire frequency range.
- Support 320x240 2-inch IPS true color display, which is convenient and quick to operate. It adopts single-button shuttle quick operation to quickly realize mode, pass-through, lock and Chinese and English selection functions.
- Support 48 notch status LED indicators to display notch status in real time.
- Support 4 scene switching and flexibly imports and exports scene data.
- Support audio data transmission function, with 2 digital input and output audio channels, and support network audio transmission.
- Support restoration of factory settings, device positioning, and automatic power-off memory protection.
- Support batch upgrade of multiple devices through background management software.
- With Ethernet Internet interface to control multiple devices online in real time through the network.
- With intuitive and graphical software interface; support XP/Windows7, 8, 10 and other system environments.



Technical specifications**MP-0202**

Input channels and plugs	2 XLR and TRS multi-use plug analog inputs
Output channels and plugs	2 XLR male plug + 2 TRS male plug analog outputs
Digital channel	Balance: 20K Ω
Input impedance	Balance: 100 Ω
Output impedance	2 XLR and TRS multi-use plug analog inputs
Input range	$\leq +20$ dBu
Frequency response	20Hz-20kHz (± 0.5 dB)
SNR	≥ 103 dB@1kHz 20dBu
THD	$< 0.012\%$ OUTPUT=0dBu/1kHz
Channel separation	> 82 dB(1kHz)
Howling search and suppression	Fully automatic notch
Filter	24/CH
Q value range	10-50
Frequency resolution	1Hz
Howling search time	0.1 - 0.5S
FFT length	1024
Acoustic gain	4 - 10dB
System gain	0dB
Notch filter	Dual channel, 12 static + 12 dynamic points for each
Crossover	With three high and low pass filters: Butterworth, Bessel, Linkwitz-Rayleigh
Equalizer	31-band graphic equalizer + 8-band parametric equalizer
Display	2-inch IPS true color screen, resolution 320x240; 48 LED indicators for notch filter status
Processor	48kHz sampling frequency, 40-bit DSP processor; 32-bit A/D and D/A conversion
Dimension (LxDxH)	484x209x45 mm
Net weight	2.4kg

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

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Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia