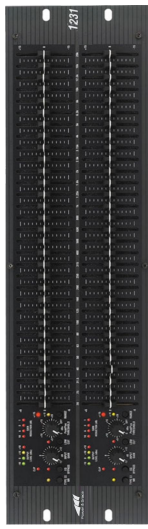


Dual channel 31 band Graphic Equalizer



CHARACTERISTIC

This EQ Series were designed to meet the needs of the most demanding sound reinforcement environments, while offering the simplicity of a straightforward controls. The 1231 provides stereo features like dual-channels, 31 1/3 octave bands, ISO frequency centers, +12 dB input gain range, and switchable 40Hz/16 dB per octave low-cut filters, but also includes other insightful features.

Features:

- Switchable boost/cut ranges of 46 or ±15 dB
- Electronically balanced/unbalanced inputs
- Servo balanced/unbalanced outputs
- RF filtered inputs and outputs
- XLR, Barrier Strip, and 1/4" TRS connectors
- ±12dB/±12dB input gain range
- 20dB boost or 20dB cut low-cut filter
- Channel power supply
- Internal power supply bypass with 2-second power-up delay

Dual channel 31 band Graphic Equalizer



CHARACTERISTIC

The 2-Series represents a major step forward in the performance of entry-level graphic equalizers. From its amazing 10Hz to 50kHz frequency response, to its 108dB dynamic range and internal toroidal transformer, the 2-Series suitable for the studio, on tour and with installed sound venues.

Features:

- Stereo sound or ultra-low sound synthesized by adding left and right channels
- Both channels have x10 range selector switches
- 40Hz high-pass filters on all channel/low frequency resection)
- Phase reversal switches on all output
- The output level of all frequencies can be adjusted independently
- 24dB notch/low-pass filter (professional standard)
- LED Indicator: Stereo or Mono mode

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Model	1231
Input interface	1/4 inch TRS, XLR socket (positive, female), strip terminal
Type	electronically balanced/unbalanced, with RF filtering
Impedance	40 kΩ balanced, 20 kΩ unbalanced
Maximum input level	>45dB (typical value >55dB, 1kHz)
Gain	1/4 inch TRS, XLR socket (positive feed), strip terminal
Output port	balanced/unbalanced impedance, with RF filtering
Type	balanced/unbalanced impedance, with RF filtering
Impedance	20kΩ balanced, 10kΩ unbalanced
Maximum input level	20Vrms, 100V peak
Frequency response	20Hz-200kHz, ±0.5dB/±1dB
Bandwidth	108dB/±15dB
Gain	108dB/±15dB
Signal-to-noise ratio	< 0.005%
Total harmonic distortion + noise	< 0.005%
Inter-channel crosstalk	< -60dB, 20Hz-200kHz
Low frequency bypass	40Hz high-pass filter on the signal path
Range (indication)	40Hz high-pass filter on the signal path
Indicator	16dB or ±15dB
Output level	44dB strip indicator (Green, Yellow and Red)
Balanced bypass	yes, LED, red
Channel indicator	yes, LED, red
Low frequency switching	yes, +65dB, LED, Yellow, ±15dB, LED, red
Voltage	230VAC 50Hz
Power consumption	24W
Power interface	IEC plug

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Model	231
Connector	1/4 TRS, female XLR (2-pin wire)
Type	electronically balanced/unbalanced, RF filtering
Impedance	40 kΩ balanced, 20 kΩ unbalanced
Maximum input level	>45dB (typical value >55dB)
Gain	1/4 TRS, (common) XLR (2-foot hot end)
Connector	balanced/unbalanced impedance, RF filtering
Type	balanced/unbalanced impedance, RF filtering
Impedance	100Ω balanced, 50Ω unbalanced
Maximum input level	> +18 dBm to 600Ω balanced or unbalanced
System feature	20 Hz to 20 kHz, ±0.25 dB
Bandwidth	108dB /50kHz/0.5 ± 1.5 dB
Gain	108dB /50kHz/0.5 ± 1.5 dB
Signal-to-noise ratio	90dB
Internal crosstalk	< -60dB, 20Hz-200kHz
Low frequency bypass	< -60dB, 20Hz-200kHz
Range (indication)	< -60dB, 20Hz-200kHz
Indicator	LED bypass
Output level	potentiometer equalizer of the signal path
Balanced bypass	131/215/50 Hz, 12dB low-cut octave filter
Channel indicator	231/40Hz, 108dB low-cut octave filter
Power supply	100VAC, 50Hz/60Hz
Operating voltage	120 V/AC 60 Hz
Power consumption	25W/AC 50 Hz/60 Hz
Power interface	IEC power socket