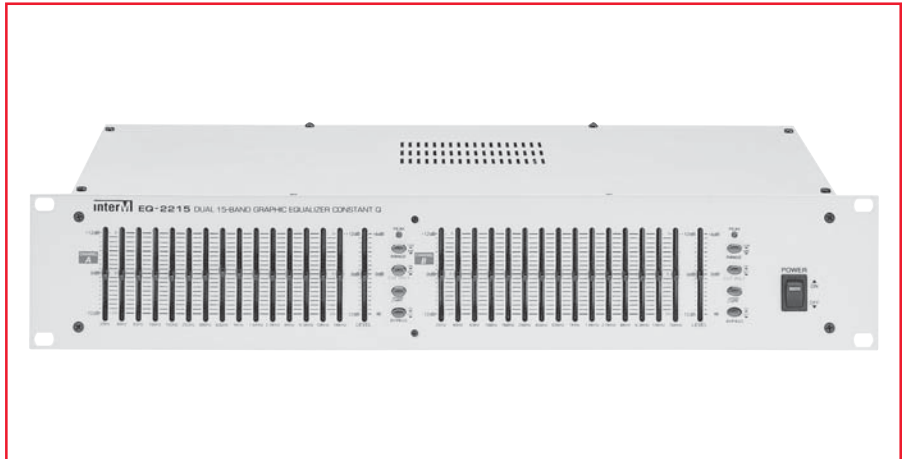


Features

- Dual Channel
- 15-Band 2/3-Octave Equalizer
- Six or 12dB Boost/Cut per Band (Switch Selectable)
- 45mm Slider EQ Level Controls
- Wide Frequency Response (20Hz to 20kHz) and Low Distortion (<0.01%)
- 80Hz High-Pass Filter Switch
- Cut Only or Boost/Cut Operation
- Balanced XLR or 1/4" Phone I/O Connectors
- EQ Bypass Switch
- Rack Mount (2RU)



Description

The dual-channel EQ-2215 equalizer is designed for permanent installation in commercial and professional sound reinforcement applications. It features balanced line level inputs and a choice of balanced outputs. Forty five millimeter slider controls allow accurate boost/cut band settings of $\pm 6/12$ dB (selectable). A switchable 80Hz high-pass filter eliminates subsonic rumble and helps protect against low-frequency damage. Input and output connections are made by either three-pin XLR or 1/4" phone connectors. A front-panel EQ bypass switch (or lack of AC power) will bypass the equalization circuitry. The EQ-2215 is packaged in a low-profile 2RU enclosure. The unit is powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements).

Technical Specifications

ELECTRICAL	EQ-2215
Output Level/Impedance	0dB/600 Ω , BAL
Input Sensitivity/Impedance	0dB/600 Ω , BAL
THD	<0.01%
Frequency Response	20Hz - 20kHz (± 1 dB)
Signal-to-Noise Ratio	>85dB
Equalizer Level	+6dB
Equalizer Frequency	2/3 Octave ISO Centers
High Pass Filter	80Hz (18dB/oct)
Cut Only Mode	-12dB or -24dB ± 3 dB
GENERAL	
Power Source	100-120VAC or 220-240VAC 50/60Hz
Power Consumption	15W
Weight	10lbs.
	4.5kg
Dimensions (W x H x D)	19" x 3.5" x 11"
	482mm x 88mm x 280mm

EQ-2215 Architects and Engineers Specifications

The equalizer shall provide dual channel 15-band active equalization on standard ISO center frequencies (25, 40, 63, 100, 160, 250, 400, 630, 1k, 1.6k, 2.5k, 4k, 6.3k, 10k, 16kHz). Each band shall provide 6 or 12dB(selectable) boost or attenuation at the specified frequency. Inputs and outputs shall be line level, and inputs shall be balanced, with three-pin XLR or 1/4" phone jacks provided. A choice of balanced XLR or 1/4" phone outputs shall be offered.

High-pass (80Hz) filter and EQ bypass functions shall be front-panel switch selectable. An automatic signal bypass circuit shall be incorporated in case of unit shutdown.

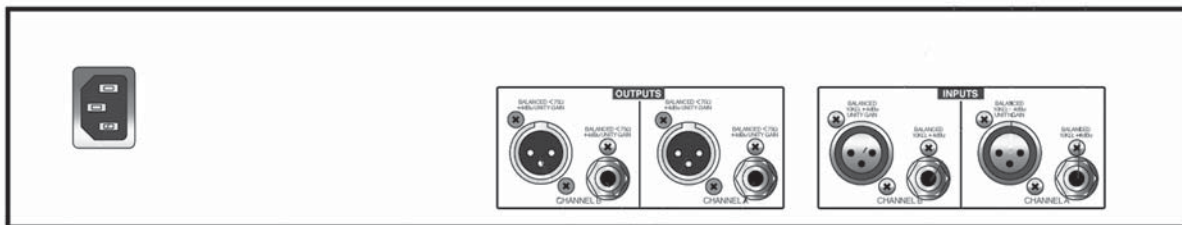
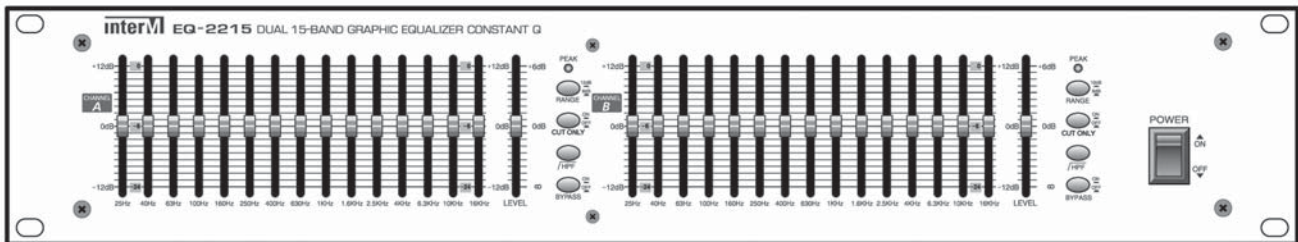
The equalizer shall meet the following performance criteria:

Frequency response shall be from 20Hz to 20kHz \pm 1dB; total harmonic distortion shall be less than 0.01%; and signal-to-noise ratio shall exceed 85dB. Input sensitivity and impedance shall be 0dB@600 Ω .

The equalizer shall measure 19" (482mm) wide x 3.5" (88mm) high x 11" (280mm) deep and shall mount in a standard 19" rack. The power source shall be either 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements). The power shall be controlled from a front-panel mounted push on/push off switch with an integral power indicator LED.

The equalizer shall be an Inter-M model EQ-2215.

EQ-2215 Front and Rear Views



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