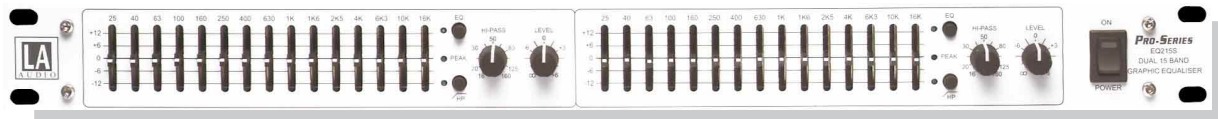


EQ215S

Dual 15 Band 2/3rd Octave Graphic EQ



British
Originals



PRODUCT OVERVIEW

The EQ215S is a dual 15 band 2/3 octave Graphic Equaliser in a 1U format, with variable high pass filters, variable input control and peak LED.

The band pass filters provide 12dB cut and boost at 15 ISO centre frequencies from 25Hz to 16kHz. The filters are designed around precision minimum phase active RC networks to deliver superior dynamic range and signal to noise ratio.

The High Pass Filter uses 4th order bi-quadratic topology to produce a 24dB per octave slope of exceptional stability.

The EQ215S has electronically balanced inputs and outputs on 3 pin XLR connectors.

The use of power relays allows for 'soft' power on/off and also automatic bypassing of the unit when switched off. All switches have status LED's.

SPECIFICATIONS

ELECTRICAL

Frequency Response: 20Hz - 20KHz (+0, -1 dB)
Input Impedance: 20k balanced
Output Impedance: <100R balanced
Output load Impedance: 600R to infinity
Maximum Output Level: +20dBu, (600R load, 1 KHz)

Peak Indicator: 2dB before clipping

Signal to Noise Ratio: 92dB
(+4dBu output @ 1KHz)

THD: 0.003%
(+4dBu, output 600R, 1KHz)

Centre Frequencies (Hz): 25, 40, 63, 100, 160, 250,
400, 630, 1k, 1k6, 2.5k, 4k, 6.3k, 10k, 16k

High Pass Filter: Variable 16Hz to 160Hz

High Pass Filter slope: 24dB per octave, Butterworth

Power Consumption: 15VA, 115/230VAC, 50-60Hz

PHYSICAL

Input Connectors: XLR 3 Pin (Pin 2 hot)
Output Connectors: XLR 3 Pin (Pin 2 hot)
Power Connection: Detachable lead, IEC
3 pin socket

Dimensions: 483 (19") W
200 (7.87") D
44 (1.75") H

Weight: 3.7 Kg, 8 lbs
Shipping Weight: 4.6 Kg, 10 lbs
Temperature Range: Operating: 0°C to 50°C
Storage: -30°C to 75°C

ARCHITECTS & ENGINEERS SPECIFICATIONS

The Equaliser shall be a dual channel 15 band 2/3rd octave Graphic EQ with variable High Pass filters.

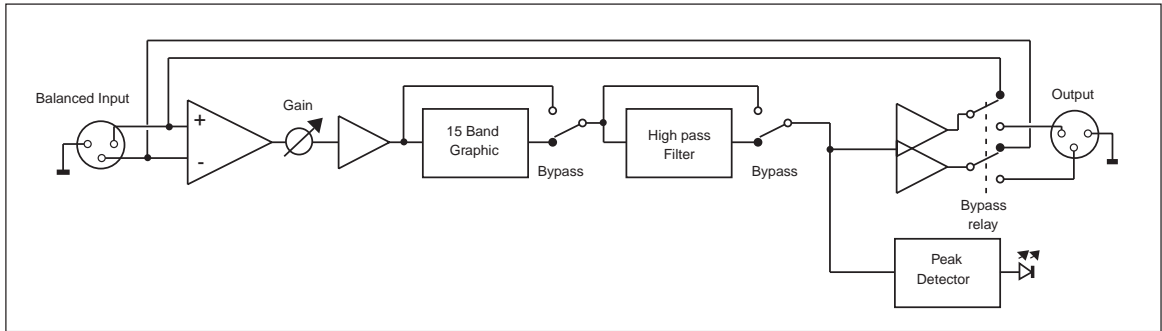
The Graphic section shall provide 12 dB cut and boost at 15 ISO centre frequencies from 25 Hz to 16 kHz.

The High Pass filter shall be fully variable from 16 Hz to 160 Hz with a slope of 24dB per octave. Each channel shall have an input level control with Peak LED indicator.

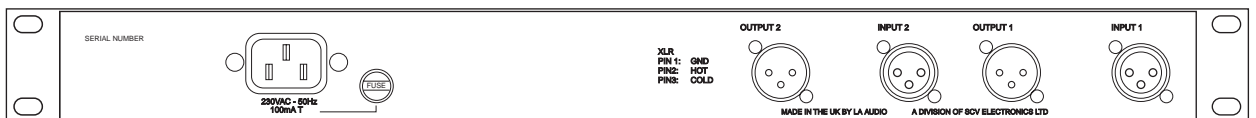
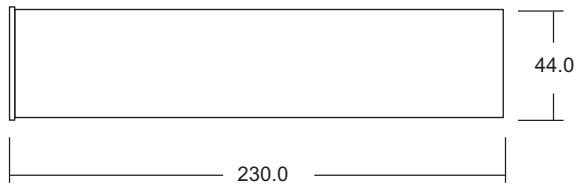
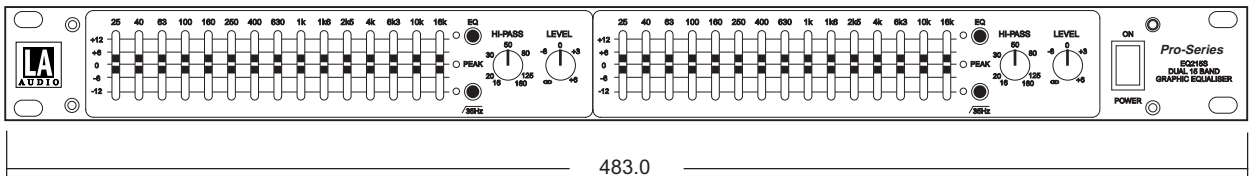
The unit shall have high impedance electronically balanced inputs and electronically balanced outputs. Power delay relays shall be fitted to allow soft power on/off and automatic bypass on power off. The Equaliser shall be built in accordance with the directives encompassed by the 'CE' regulations and so marked.

The Equaliser shall be the LA Audio EQ215S.

BLOCK DIAGRAM



DIMENSIONS



In keeping with our policy of continuous improvement LA Audio reserves the right to alter specifications without prior notice. Manufactured in the UK by LA Audio, 6-24 Southgate Road, London, N1 3JJ.
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