

# Rolls REQ313 Equalizer



The ROLLS REQ313 graphic equalizer is intended for room equalizing or sound shaping and the approximate frequency response curve can be seen graphically by the settings of the frequency controls. Recording and broadcasting studios, sound contractors and musicians will appreciate the low noise, straightforward design, and versatile signal control of the REQ series. The equalization filters in the REQ313 are constant bandwidth (constant Q). The bandwidth of each individual filter is narrow enough to prevent unwarranted interaction between filters, yet wide enough to produce exactly the type of correction curve demanded by even the most unusual acoustic surroundings. FEATURES: 31 Bands of constant Q equalization. XLR and 1/4 inch input and output. Low cut and High cut filters. Passive bypass. 1 Year Warranty.

## SPECIFICATIONS

Equalizer Bands: 31

Frequency Response: 20Hz – 20kHz

Accuracy: 5 percent Center

Frequency Range: 6dB or 12 dB (Switch selectable)

Inputs Type: Active Balanced/Unbalanced

Connectors: XLR, 1/4" TRS

Impedance: 12k Ohms Maximum Level 22 dB (Balanced), 15dB (Unbalanced)

Outputs Type: Electronically Balanced

Connectors: XLR, 1/4 inch TRS

Impedance: 600 Ohms

Maximum Level: 22 dB (Balanced), 15dB (Unbalanced)

RFI Filters: Yes Passive

Bypass Switches: Yes

Overload LED Threshold: 3dB below clipping

Low Cut Filter: 10 – 250Hz, 12dB/Oct.

Frequency Response: 20Hz – 20kHz, 0.5dB

THD Noise: 0.01% (20Hz – 40kHz)

S/N Ratio: 110dB below Max level (A weighted) Equivalent

Input Noise: -95dB (20kHz noise bandwidth)

Dimensions: 3.5 inches H x 19 inches W x 8.5 inches D

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