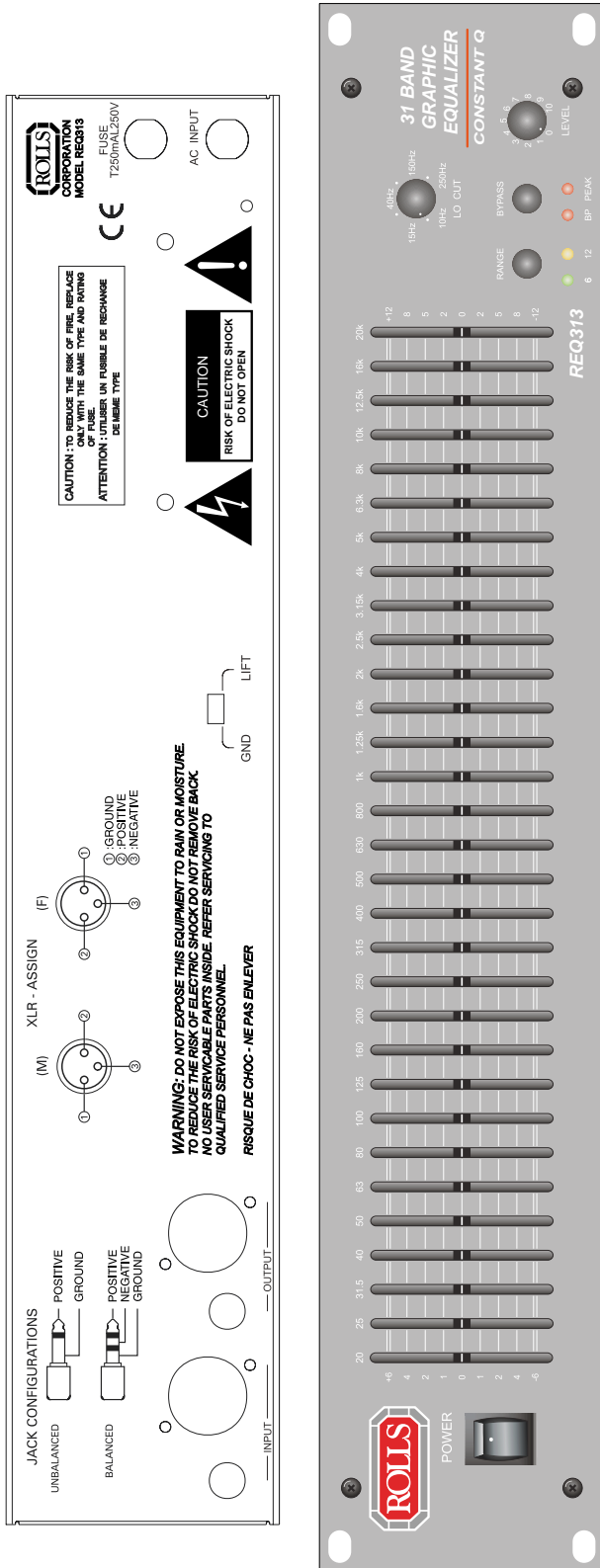


# REQ313 GRAPHIC EQUALIZER

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" input and output
- Low cut and High cut filters
- Passive bypass
- 1 Year Warranty

## SPECIFICATIONS

### Equalizer

- Bands: 31
- Frequency Response: 20Hz - 20kHz
- Accuracy: 5% 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" TRS
- Impedance: 600 Ohms
- Maximum Level: +22 dB (Balanced), +15dB (Unbalanced)

### RFI Filters:

- 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"H x 19"W x 8.5"D

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