

Tube-Tech

EQ 1A Single Channel 3-Band Parametric, with High/Low Shelving and High/Low Cut All Tube Equalizer



Product Information

The **EQ 1A** is a full range one channel unit, featuring low and high cut, low and high shelving and three overlapping bands of tube EQ.

The three bands are bell type with 36 overlapping frequencies, 12 centers per band. The cut filters are designed around unity gain amplifiers, while the shelving and bell filters are designed around two tube operational amplifiers. The gain controls on the unit are fitted with a boost/cut switch to widen the gain range. The inputs and outputs of the **EQ 1A** have fully floating transformers, and all DC voltages are stabilized, except the anode voltage for the output stage.

Features

- All tube based EQ (except for power supply)
- Very low noise and broad frequency response
- Master bypass with clickless relay
- All seven sections fitted with individual in/out switches
- All switches gold plated

Specifications

Filter Type	Low and High Pass, Low and High Shelf, 3 Band Parametric
Number of Channels	1
Inputs	1 x XLR
Outputs	1 x XLR
Maximum Input Level	<i>Not specified by manufacturer</i>
Frequency Bands	Low Cut: 16, 25, 40, 60, 90, 130Hz - 6dB or 12dB slope Low Shelving: 22, 32, 45, 70, 100, 150Hz Band 1: 40 to 500Hz, 12 ISO centers Band 2: 315Hz to 3.15kHz, 12 ISO centers Band 3: 1.6 to 20kHz, 12 ISO centers High Shelving: 4, 6, 8, 12, 26kHz High Cut: 6.3, 8, 10, 12, 18, 25kHz - 6dB or 12dB slope
Bandwidth	Bands 1 to 3 variable
Range (Boost/Cut)	Low and High Shelf: +/-15dB Bands 1 to 3: +/-20dB sharp bandwidth, +/-12dB narrow
Maximum Output Level	+26dBu
Frequency Response	5Hz to 80kHz
Dynamic Range	<i>Not specified by manufacturer</i>
Noise	<-85dBu
Dimensions	2U rack
Specialities	All tube design