

PRODUCT DESCRIPTION

The EM 1A is a passive, all-tube modular EQ, based on the classic PULTEC EQP 1A design. With the original Pultec out of production for decades and used examples demanding sky-high prices, the EM 1A is the only way to achieve this unique and coveted sound in such a compact form.

The EM 1A low end section combines two separate passive EQ filters with slightly differ-

ent cut/boost frequencies. When combined, this results in truly unique EQ curves, often named the “Low End Trick” and widely used for cleaning up low/mid frequencies.

Furthermore, the high frequency band offers unrivalled clarity and transparency, and the EM 1A is widely regarded as one of the world’s finest passive tube based equalizers.



FEATURES

- Tube based push-pull amplifier
- Frequency response @ -3 dB: 5 Hz to 40 kHz
- Low Noise: < -85 dBU @ 0 dB gain
- CMRR: > 60 dB @ 10 kHz
- 4 low frequency boosts: 20, 30, 60 and 100 Hz (0 to +14 dB)
- 4 low frequency attenuations: 20, 30, 60 or 100 Hz (0 to -18 dB)
- 10 HF boosts with variable bandwidth: 1, 1.5, 2, 3, 4, 5, 8, 10, 12 and 16 kHz (0 to +18 dB w/ sharp Q, 0 to 10 dB w/ broad Q)
- 3 HF attenuations: 5, 10 and 20 kHz (0 to -18 dB)
- Input impedance: 600Ω
- No insertion loss
- Gold plated switches
- Conductive plastic potentiometers
- In- and output are transformer balanced and fully floating