



# buzzaudio MPE-1.1

## Real Smooth

### Mono Parametric Equaliser

With sonic qualities comparable to far more expensive equalisers, the MPE-1.1 provides a cost effective analog EQ solution for the smaller DAW based studio or where multiple channels of analog EQ are required.

#### CONTROLS:

High Pass Filter - continuously variable from 25Hz to 450Hz, musical 12dB/oct filter slope. Bypass switch.

Low Shelf - real inductor resonance with selectable 60Hz and 120Hz turnover points. +/-17dB cut/boost available. Selectable in/out with High Shelf section.

High Shelf - switched passive (broad) or active (tight) shelving response. +/-17dB cut/boost available. Selectable in/out with Low Shelf.

Low Mid - +/-16dB cut/boost continuously sweepable from 30Hz to 700Hz. Variable bandwidth (Q) including a tight notch/peak setting. Bypass switch.

Low-High Mid - +/-16dB cut boost continuously sweepable from 160Hz to 3.4kHz (x1) or 1.6kHz to 34kHz (x10). Variable bandwidth (Q) including a tight notch/peak setting. Bypass switch.

Input Gain providing +/-15dB range and overall Bypass switch which also doubles as input transformer selector (if fitted).

Peak LED indicator monitors critical points within the circuit and warns of overload condition.

#### OPTIONS/FEATURES:

Low Shelf section utilizes a real 16 Henry choke resulting in a incredibly tight and powerful bottom end control - perfect for modern music styles where bass is all important.

Mid Band sections use the Constant Amplitude Phase Shift (CAPS) network for superior sonics.

Sowter input and output transformers can be factory or retro fitted.

#### SPECIFICATIONS:

- Input Gain Range = 15dB to +15dB
- Frequency Response EQ sections bypassed = 3Hz to 200kHz (-3dB)
- Frequency Response EQ sections in, HPF fully CCW = 25Hz to 180kHz (-3dB)
- Harmonic Distortion EQ sections in = 100Hz-0.0035%, 1kHz-0.0035%, 10kHz-0.0065%
- Residual Noise EQ sections bypassed = -95dB A wtg
- Residual Noise EQ sections in = -88dB A wtg
- Maximum Input/Output Level = +23.5dBu
- Dimensions = 1 Unit rack mount, (482Wx44Hx250D).
- Power requirements = 230V/115V selectable.

Specifications are typical of a production unit and subject to change without notice. OdBu reference = 0.775 volts RMS



Handcrafted in New Zealand by:



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