

# Bettermaker

## MASTERING EQUALIZER

- 100% analog audio signal path
- USB connectivity with MAC/PC
- all parameters are digitally controlled via touchscreen and/or DAW (with dedicated plugin)
- 399 presets with unique names, total recall, A/B comparison
- 5-inch capacitive touchscreen with backlight, four encoders with push-button action for ease of control
- stereo, dual-mono and mid/side operation modes with focus function
- stereo 12 or 24dB/oct high-pass filter with adjustable cutoff frequency (10Hz – 240 Hz; extended to 6Hz with the resonance enabled)
- four stereo parametric filters with 15dB boost/cut range, variable Q (0.2 - 7):
  - EQ1: 22Hz – 470Hz (bell/shelf)
  - EQ2: 90Hz – 2kHz (bell)
  - EQ3: 480Hz – 10kHz (bell)
  - EQ4: 1kHz – 23kHz (bell/shelf)
- stereo passive equalizer with extended hi-boost section (air bands: 20 and 28 kHz)
- stereo, 12dB/oct low-pass filter with adjustable cutoff frequency (2 – 38 kHz)
- adjustable output level (+/- 10dB)
- Frequency Search, Gain Lock, Note and Auto-Q functions
- on-board measurement of PEAK/RMS levels and RTA analyzer
- on-screen live representation of the equalization curve

### Technical specification (all filters enabled, set flat):

- Frequency response 20Hz to 20kHz (+/- 0.2 dB)
  - Dynamic range: 128 dB @ +18 dBu, 20 kHz BW
  - THD+N: 0.03% @ +4 dBu, 0.06% @ +18 dBu, 20 kHz BW
  - CMRR: max 85 dB @ 3 kHz, min 52 dB @ 20Hz, 20 kHz BW
  - Crosstalk: min -100 dB @ 30Hz, max -65 dB @ 20kHz, +18 dBu, 20 kHz BW
  - balanced stereo input (XLR), 23dBu max input level (THD < 0.2%)
  - balanced stereo output (XLR), 23dBu max output level (THD < 0.2%)
  - Operating Level: +4dBu
  - Input impedance (differential): 48k $\Omega$  (for balanced signal)
  - Output Impedance: 50 $\Omega$  + 50 $\Omega$  (electronically balanced)
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- 2U enclosure, 230mm deep
  - 115/230V switch
  - advanced linear power supply with toroidal AC mains transformer
  - Maximum power consumption: 20W
  - Shipping weight: 5.5 kg