



PRODUCT DESCRIPTION

The MEC 1A is an all-tube mono recording channel, combining three classic TUBE-TECH designs in one powerful, 2U recording package:

- MP 1A Mic Preamp,
- EQ 1A Active EQ and
- CL 2A Opto Compressor

The MEC 1A delivers true TUBE-TECH sound: Full and warm, yet open and transparent.

It provides a compact and cost effective solution whenever you need a superior front end that will deliver top quality recordings of any audio source.

FEATURES

General

- Freq. response @-3 dB: 5 Hz - 60 kHz
- Low noise: < -85 dBu @ 10 dB gain
- CMRR: > 60 dB @ 10 kHz
- Output gain: Off to +10 dB
- Clickless swap relay (EQ <-> comp)
- Separate in/out switch per section
- Conductive plastic potentiometers
- Gold plated switches
- Fully regulated power supply with torodial transformer
- All-tube design (except PSU & side chain circuit)
- In- and output are transformer balanced and fully floating

Microphone preamplifier:

- Gain: +20 to +70 dB (DI:10-60 dB)
- Input impedance: > 1.2 kΩ

- +48V phantom power, phase reverse, -20 dB pad, low cut
- DI input impedance > 1 MΩ

Equalizer

- Active, tube based equalizer
- Three bands
- 6 low shelving frequencies
- 6 high shelving frequencies
- Bell-type Mid with 12 selectable frequencies & variable Q

Opto Compressor

- Low distortion optical gain reduction element
- Ratio: 1.5:1 to 10:1
- Variable attack and release
- VU meter shows output or compression
- Linkable for stereo applications