

ART Tube MP/C - Pretpojačalo/Kompresor

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Kategorija proizvoda: Studijska Pretpojačala
Proizvođač: ART

Cena: 23.880,00 rsd



The
Tube
MP/C

(PreAmplifier/Compressor) is a multi-purpose tool for audio engineering and recording. Two independent circuits featuring a tube-based analog preamplifier and a VCA-less compressor with optical gain reduction control are housed in one, convenient desk-top chassis. Used as a mic/line preamp or as a DI (direct) box, the Tube MP/C is designed to work seamlessly with any recording, sound-reinforcement, or electronic instrument setup. A R T's Tube MP/C circuitry is a hybrid design utilizing the latest, most advanced, solid-state and tube technology.

The preamplifier's active balanced solid-state input provides extremely low noise and excellent common mode rejection. The ¼-inch high impedance input prevents loading of any connected device making the Tube MP/C perfect for DI or line level applications. The preamplifier's second stage 12AX7a tube runs on a regulated DC voltage providing an additional 20dB of gain.

The compression circuit features a VCA-less design and utilizes optical electronics (Vactrol) coupled with a 12AX7a vacuum tube gain stage for superior musical performance.

Optional ART SM1 stand mount securely attaches the Tube MP/C to any microphone stand for live stage or studio applications is available.

Features

- Tube-based mic/line preamplifier with up to 80 dB of gain
- Hand-selected 12AX7a tube
- Optical (VCA-less) compressor circuitry = transparent dynamics control
- ¼-inch unbalanced inputs and outputs
- XLR balanced inputs and outputs
- Transformer isolated XLR output
- Selectable output range for Line/Instrument interface levels
- LED meters for Tube Warmth, Gain Reduction and Output level
- +48V phantom power
- Phase reversal switch
- Selectable release time settings
- > 90dB dynamic range
- Custom extruded aluminum chassis

Specifications

Frequency Response: 30 Hz - 60 kHz +/- 1 dB balanced output, 20 Hz - 60 kHz +/- 1dB 1/4" output
Total Harmonic Distortion: <0.1% @ max gain
CMRR: > 60 dB @ max gain
Equivalent Input Noise: -128dBu typical ("A" wtd., Shorted XLR balanced input, gain @ max)
Input Impedance: 1M Ohms 1/4" input, 5K Ohms XLR input
Input/Output Connections: Input: XLR balanced or 1/4" balanced. Output: 1/4" unbalanced XLR balanced, transformer isolated.
Maximum Gain: +80 dB (balanced in-out, +64dB (unbalanced input, balanced output)
Maximum Input Level: unbalanced (Inst): +15 dBu, balanced (mic): +10 dBu
Maximum Output Level: +19 dBu (Line mode)
Output Impedance: XLR:
Low Cut Filter: -3 dB @ 70 Hz, 6dB/Octave
Phantom Power: Switch selectable, +48Volts DC, filtered, current limited
Chassis Type: All aluminum black anodized with integral rubber sides
Power Requirements: 9VAC @ 1000mA (external)
Attack Time:
Release Time: 150ms (fast), 20ms - 3s Program dependant (Auto)
Tube Type: Hand selected 12AX7a
Compressor Slope: 2:1 (Comp.) / 11:1 (Limit)
Dimensions: 1.75"H x 5.9" W x 6.5" D (44.5mm x 150mm x 165mm)
Weight: 2.9 lbs (1.32 kg)
Notes: 0dBu = 0.775V rms;Weight includes power supply and packaging