

ART Tube MP/C - Prepojačalo/Kompresor

Šifra: 295

Kategorija prozivoda: Studijska Prepojačala
Proizvođač: ART

Cena: 23.880,00 rsd

ART Tube MP/C Prepojačalo/Kompresor

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 1/4-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

1/4-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