

PRO CHANNEL III

MULTIVOICE CHANNEL STRIP

The ART Pro Channel III is a channel strip with selectable microphone impedance, two compression voicings, and semi-parametric EQ. It was designed for recording musicians seeking an affordable character preamp with extensive tone shaping and real tube warmth.

Mic & Instrument Preamp

The Pro Channel III features a discrete FET input stage and up to 60 db of preamp gain. Switchable impedance optimizes the input for various microphones, and the variable low cut filter can eliminate rumble, tame plosives, and tighten bass.

It's also a versatile instrument DI. Connecting to the front 1/4" input will override the rear XLR input, so you can record direct tracks without disconnecting your mic/line signal.

Opto & FET Compression

The compressor section features variable threshold, ratio, attack, and release controls, and can be placed before or after the EQ section in the signal path. Press the Voice button to switch between smooth tube/opto and punchy FET compressor modes.

Versatile Tone Shaping

The equalizer section features a switchable low shelf frequency, variable low-mid and high-mid frequencies with over 4 octaves of range per band, and a 12 kHz high shelf that can soften sizzle or boost brilliance, so you can sculpt and enhance any source.

Features

- Class A FET Input Microphone Preamp
- Selectable Microphone Impedance
- 1/4" High Z Input on Front Panel
- Compressor and EQ Sections with Switchable Order and Independent Bypass
- Tube/Opto and FET Compressor Voicings
- 4-Band Semi-Parametric EQ and Variable Low Cut Filter
- Insert Point after Preamp Stage
- +4 dBu or -10 dBv Operation
- Universal Internal Power Supply

Specifications

Frequency Response	12 Hz to 100 kHz (+0, -1 dB)
Dynamic Range	>110 dB A-Weighted
CMRR	>90 dB
THD	<0.009% (Typical @ 1k)
Equivalent Input Noise	-128 dBu (Mic / Line), -109 dBu (Instrument) Input Short, Max Gain, A-Weighted
Maximum Input Level	+22 dBu (+4 dBu Mode) +13 dBu (-10 dBV Mode) Balanced
Maximum Insert Input Level	+22 dBu (+4 dBu Mode) +13 dBu (-10 dBV Mode) Unbalanced
Maximum Instrument Input Level	+23 dBu (+4 dBu Mode) +14 dBu (-10 dBV mode) Unbalanced
Input Impedance	600Ω / 47 kΩ (XLR), >800 kΩ (Instrument) 7.5 kΩ (Insert)
Maximum Output Level	+26 dBu (Balanced), +20 dBu (Unbalanced)
Output Impedance	< 47Ω (XLR)
Maximum Gain	40 dB Variable Input Gain 20 dB Switchable Boost 15 dB Variable Output Gain +75 dB Total
Low Cut Filter	10 Hz - 250 Hz (Single Pole)
Compressor Attack	0.25 ms - 100 ms
Compressor Release	0.1 s - 3 s
Compressor Ratio	1.25:1 - 20:1
Parametric EQ	40 Hz / 120 Hz (Low) 20 Hz - 2 kHz (Lo-Mid) 200 Hz - 20 kHz (Hi-Mid) 12 kHz (High)
Power Requirements	100 - 240 V 50 Hz / 60 Hz 25 W
Dimensions (HWD)	3.5" x 19" x 9.2" 8.9 cm x 48.3 cm x 23.3 cm
Weight	10.5 lbs / 4.76 kg

Note: 0 dBu = 0.775 Vrms

Specifications are subject to change without notice

