

# SOLO STUDIO

## MULTIVOICE CHANNEL STRIP

### Overview

For users that want a compact channel strip, the ART SOLO Studio Tube Preamplifier and Compressor with Insert Input and Output is the perfect addition to a digital interface. Combining the best of both worlds, the SOLO Studio allows users to choose between a pristine low-noise/low-distortion solid state transistor circuit and a warmer Class-A tube mic preamp. Along with the flexible Tilt EQ control, users can voice the SOLO Studio to create their own signature sound.

Featuring 48V phantom power, a front Microphone/Line balanced input or a high impedance Instrument input, users can tailor the SOLO Studio to suit their microphone of choice, be it a high-quality dynamic, a studio grade condenser or a low-level ribbon, a preferred keyboard or a guitar. A Low-Cut control allows vocals to be sculpted for clarity while the Tilt EQ can be used to emphasize high presence or low-end warmth.

### Features

- 48 Volt Switchable Phantom Power
- Selectable Multivoice Tube/Solid State Control
- Hand selected 12AT7 Tube
- OPTO - Analog Optical Isolators (AOI)
- Optical Controlled Compression
- Pre-Compression Insert Loop
- Flexible Tilt EQ
- Selectable Low Cut Filter (HPF)
- Variable Threshold and Ratio controls
- Variable Attack and Release controls
- Variable Blend (Compression)
- Variable Output Level Control

### Specifications

Frequency Response	15 Hz to 50 kHz (+0, -1dB)
Dynamic range	>110dB ("A" weighted)
CMRR	>90dB
THD	<0.005% (typical)
Equivalent Input Noise	-129dBu (XLR, "A" weighted)
Maximum Input Level	+19dBu (XLR)
Maximum Instrument Input	+17dBu
Input Impedance	47k ohms (XLR), >800k ohms (Instrument)
Maximum Output Level	+27dBu (XLR)
Output Impedance	< 47 ohms (XLR)
Maximum Gain	55dB Meter
Calibration	0VU = +4dBu output (+4dBu mode) 0VU = -10dBV output (-10dBV mode)
Low Cut Filter	single pole, 80Hz
Tilt EQ	+/- 3dB adjustable
Power Requirements	100-240V 50Hz/60Hz
Dimensions: (HxWxD)	1.75-inch x 19-inch x 6.0-inch 4.45 cm x 48.3 cm x 15.2 cm
Weight	5.6 lb / 2.5kg
Box Dimensions (HWD, inches)	5 x 20.4 x 7.44
Box Dimensions (HWD, cm)	12.6 x 51.8 x 18.9

Note: 0 dBu = 0.775Vrms

ART maintains a policy of constant product improvement. ART reserves the right to make changes in design, or make additions to, or improvements upon, this product without any obligation to install same on products previously manufactured. Therefore, specifications are subject to change without notice.

