

# Dual Microphone Amplifier

## M1000 Series

**M1000** Dual Microphone amplifiers provide two independent and totally isolated channels to drive a pair of 600 ohm outputs from 50 to 250 ohm impedance microphones. High gain, low noise, plenty of headroom and excellent shielding for outstanding RF immunity make this a top performer in both studio and broadcast applications. Optional 48VDC phantom power.

Expand or upgrade a noisy console by replacing mic input and program amps. Eliminate pickup on long low-level mic lines. Extremely low noise, 74 dB gain and plenty of headroom. XLR in and out, optional 48VDC phantom power. Single and dual rack mounts.

- **TO ELIMINATE NOISE AND PICKUP ON LONG LOW LEVEL MIC CABLES**
- **TO UPGRADE OLD CONSOLE PROGRAM AND INPUT AMPLIFIERS**
- **AS A FLEXIBLE HIGH GAIN TWO CHANNEL UTILITY AMPLIFIER**
- **AS A COMPACT PODIUM AMPLIFIER**



### MODELS

<b>M1000-1</b>	<b>DUAL MICROPHONE AMPLIFIER WITH TRANSFORMER BALANCED OUTPUTS</b>
<b>M1000-2</b>	<b>DUAL MICROPHONE AMPLIFIER WITH ACTIVE BALANCED OUTPUTS</b>
<b>M1000-1P</b>	<b>DUAL MIC. AMPLIFIER, TRANSFORMER OUTPUTS, PHANTOM POWER</b>
<b>M1000-2P</b>	<b>DUAL MIC. AMPLIFIER, ACTIVE BALANCED OUTPUTS, PHANTOM POWER</b>

# Dual Microphone Amplifier

## Technical Specifications

M1000 Series

<b>GAIN</b>	71dB minimum
<b>MAXIMUM INPUT</b>	Microphone: -16dBm, 125mVrms
<b>MAXIMUM OUTPUT</b>	+22dBm/600 ohms (M1000-1, -1P). +24dBm/600 ohm (M1000-2, -2P)
<b>NOISE OUTPUT</b>	124dBm EIN with 150 ohm source and 20kHz measurement bandwidth. Yields 74dB S/N ratio with -50dBm microphone input.
<b>INPUT IMPEDANCE</b>	Microphone: 150 ohm source, 2500 ohm input transformer isolated
<b>DISTORTION</b>	.1% maximum THD at +20dBm output and input levels from -52 to -18dBm, 30-20,000Hz.
<b>SLEW RATE</b>	13 Volts per microsecond for minimum TIM
<b>CROSSTALK</b>	-70dB maximum at 10kHz.
<b>HUM REJECTION</b>	80dB for common mode hum.
<b>PHANTOM POWER</b>	+48VDC at 4MA through 3,300 ohms and center tapped input transformer. Switch controlled.
<b>POWER</b>	115/230VAC +/- 10%, 47-63Hz, 10VA.
<b>DIMENSIONS</b>	in. (mm) 8.5 (216) W x 1.75 (44.5) H x 7 (178) D, 4lbs, (.176Kg).
<b>MOUNTING</b>	Suction feet for non-slip desk mounting. Rack mount kits; 20021-501 mounts a single centered unit, 20024-501 mounts two units side by side.
<b>CONNECTORS</b>	XLR type in and out
<b>WARRANTY</b>	Limited, One Year Warranty