UNIT

HIROSYS

MA-1

SA UNIT 17

Mini Microphone Pre-amplifier

DESCRIPTION

The MA-1 is a high quality 48 volt phantom power, compact, variegated applications microphone pre-amplifier. It is perfectly suited to internet conference systems, or computer based acoustical analysis systems .

This pre-amplifier features a XLR balanced Microphone input, output gain control with clip indicator, XLR balanced Line level output and a 3.5mm mini-jack Microphone output for connection to standard computer soundcard microphone input.

The panel is laid out clearly with Phantom Power LED indicator and switch. A corresponding LED that indicate signal content of microphone input. A switchable Low Frequency Filter can remove mic bumps and rumble.

The MA-1 mini microphone pre-amplifier is designed for use in application where exceptional audio performance is required.

SPECIFICATIONS

AUDIO SPECIFICATIONS	
Frequency Response	-0.2/-1dB 20Hz~20kHz -6dB/-1dB 90Hz~20KHz (LFF Switch On)
Input Impedance	10kΩ Balanced
Maximum Input Level	-3dBu (Refered to Min Gain) -34dBu (Refered to Max Gain)
Maximum Output Level	+26dBu XLR Balanced -24dBu Ø3.5mm Unbalanced
Balanced Input, at 1KHz	70dB Typically
Output Gain Adjustable Range	+30dB~+60dB
Output Impedance	200ohm (XLR Balanced) 200ohm (3.5mm Mini-Jack Unbalanced)
Output Noise (A-wtd)	-80dB (Refered to Min Gain) -52dB (Refered to Max Gain)
THD+Noise	0.03% @ 1kHz at +21dBm (Refered to Min Gain)
Phantom Power	48V (Switchable)
CONNECTIONS	
Input / Output / Power	XLR Female Input, XLR Male Output, 3.5mm Mini Jack Output, DC Power Jack (12~16 VDC)
Switch	Phantom Switch, LFF Switch, Power Switch
Power Requirement	12 VDC Adaptor
PHYSICAL SPECIFICATIONS	
Dimensions	W41 × H85 × D108 (mm)
Net Weight	0.3kg

FEATURES

- Compact design
- Switchable +48 volt phantom power supply for condenser microphone with LED indicators
- Balanced Input Microphone circuitry
- Input signal indicator and Output level gain control with Clipping Indicator
- Switchable Low Frequency Filter to remove mic bumps and rumble
- External power supply for superior low-noise performance
- Use of highest quality components