

Sonodore



Sonodore MPS-502

2 Channel Microphone Pre-Amplifier / combined 60V Power Supply

This unit combines the MPA-502, 2 channel Microphone Pre-Amp, with the PS-402 Power Supply. There are 2 advantages, namely only one box for power and amplification, and secondly, the unit is dedicated to the RCM-402 microphone, so we could leave out the standardized DC-de-coupling capacitor necessary for most 3rd party pre-amplifiers. This capacitor normally is integrated in the PS-402.

The result is a substantial better impulse response and even lower distortion. The MPS-402 get's the ultimate out of the Sonodore RCM-402 microphones in our experience and vision!





Technical Specifications	
Frequency response:	1.6 Hz to 580 kHz (-3dB) 20Hz to 20KHz (-0.1dB)
THD+N:	0.0001% at 0dB gain 0.001% at 53dB gain (at +16dBu, 20Hz to 20KHz)
Equivalent input noise:	0.4µV at 53dB gain 2µV at 0dB gain (A-weight)
CMRR:	>90dB at 1KHz
Slew Rate:	20V/µS
Crosstalk:	>100dB at 0-10KHz
Maximum output level:	10V , +22dBu
Output impedance:	75 Ohms
Maximum output current:	50mA
Input impedance:	5KOhm unbalanced, 10KOhm balanced
DC offset :	< ±2mV
Cable drive capability:	> 100m
Gain:	0 to 53 dB (0 dB, 15 dB, 30 dB +0 to 23dB in 1dB steps)
Number of channels:	2
Input:	4-pin XLR female connector (balanced, transformerless)
Output:	3-pin XLR male connector (balanced, ground compensated)
Power requirements:	105-120V and 210-240V, 50 to 60 Hz
Power consumption:	6W
Weight:	1.7 kg
Dimensions:	170mm × 60mm × 210mm (6.7" x 2.4" x 7.5")