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Sound Surveillance™

# PACEQ-1 Phantom Powered Microphone Pre-amplifier / 7 Band EQ / Compressor

## Description

The PACEQ-1 is our top of the line interface designed to be used with any ETS PM1 professional series microphone (or any other balanced 48v phantom powered or dynamic professional microphone). The PACEQ-1's output connects to the 'microphone input' or 'audio input' of an IP camera, DVR or other equipment. The PACEQ-1 features XLR inputs and outputs, a 7 band equalizer and high quality compressor limiter.



## Includes

- PACEQ-1 Interface box
- 12Vdc 800ma Power Supply
- 1ea 6' RCA-RCA Patch cord
- Installation instructions.

## Options

- Add -RCA or -FL (Flying Leads) to P/N for alternate output cables.

## Wiring Requirements

Microphone cable run: Stranded 22-gauge, 2-conductor shielded cable or high grade "microphone" cable. Distances up to 500 feet.

## Warranty

1 year parts and labor.

Made in USA

## PACEQ-1 Interface Specifications

- Microphone input connectors: XLR or direct wire terminal block.
- Ultra low noise microphone pre-amplifier
- Adjustable microphone pre-amp gain: 26db to 40db
- Input impedance 1K Ohms.
- Input: RFI and transient protected
- Integrated 48Vdc regulated phantom power supply
- Phantom power on/off switch
- Equalizer: 7 frequency band controls: 60hz, 150hz, 400hz, 1Khz, 2.5Khz, 6Khz, 15Khz. +/- 12db gain / cut for each frequency band.
- Equalizer on/off switch
- Built in Compressor/ peak limiter
- Threshold adjustment: -40 to 20db
- Compression ratio continuously variable between 1:1 and Infinity:1
- Two line level outputs: XLR balanced and RCA (or 3.5mm) unbalanced.
- Output level control: +/- 20db
- Outputs short circuit protected.
- Output impedance: 100 Ohms.
- S/N ratio: better than 60db (EQ off)
- Frequency response 20HZ-30Khz (EQ. off)
- Power consumption, 30ma@15Vdc.
- PPTC fused
- Power indicator
- Dimensions: L 5.3 x W 3.3 x H 1.6
- Weight: .251kg