

Condenser Studio Microphone Set



Model PMIC-XLR

Description

The HamiltonBuhl® PMIC-XLR condenser microphone has a built-in diaphragm sound pick-up capsule with wide response and flat frequency response of 20Hz-18kHz that is excellent for podcasting, singing, speech and voice-over. This is a high quality mic that ensures your sound is crystal clear and high fidelity.

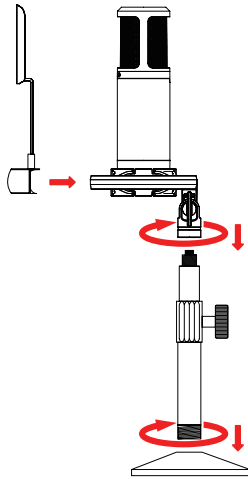
Features

- Excellent sound for all studio applications
- Studio microphone and all accessories included
- Cardioid polar pattern improves isolation of desired sound source
- Large 16mm diaphragm condenser capsule
- Standard 3-pin XLR connector output
- Full metal casing

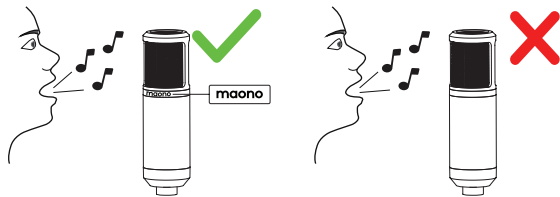
Precautions

- The PMIC-XLR requires 48V DC phantom power, which may be provided by a mixer or console, or by a separate, in-line source
- Output from the microphone's XLR connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot" - positive acoustic pressure produces positive voltage at Pin 2.
- To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1 to Pin 1, etc.
- Avoid leaving the microphone in the open sun or in areas where temperatures exceed 110°F (43°C) for extended periods.
- Extremely high humidity should also be avoided.

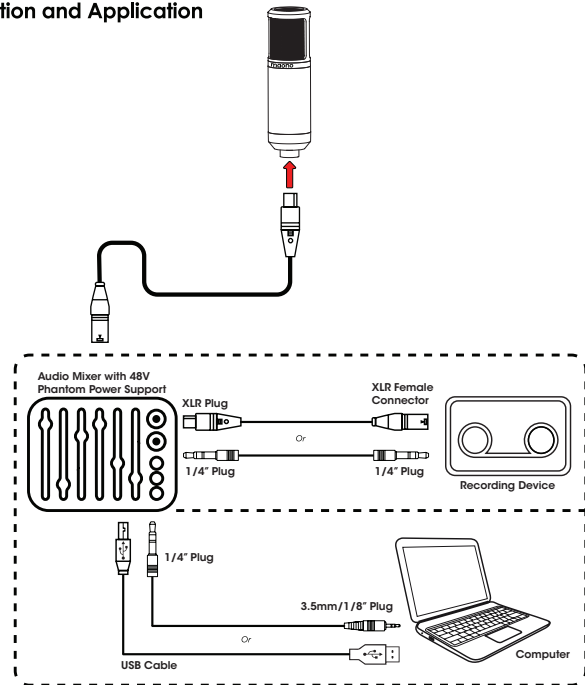
Quick Installation



Cardioid polar pattern for front side use only



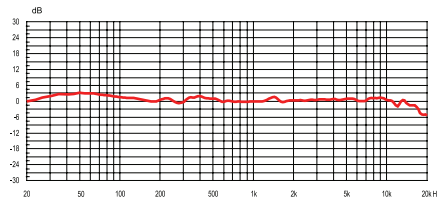
Connection and Application



Specifications

Polar Pattern	Cardioid
Frequency Response	20Hz-18kHz
Sensitivity	-34dB±3dB (0dB=1V/Pa at 1kHz)
Maximum SPL	140dB
S/N Ratio	75dB
Phantom Power Requirements	+48v DC, 3mA typical
Output Connector	3-pin XLR

Frequency Response



Polar Pattern

