

USER GUIDE

Congratulations on purchasing the Nady CM-60 Microphone! Able to handle high sound pressure levels without distortion, the CM-60 microphone is ideal for close-up miking of all types of drums and percussion instruments, as well as for accurate sonic reproduction of brass, string, woodwind, guitars, and other acoustic instruments producing high sound fields. Perfect for wireless, live performance, and recording applications.

USING YOUR CM-60

The CM-60 can be purchased for use with a wireless bodypack transmitter or for hardwired use with any standard mixer, powered mixer, or mic preamp which provides 9-52V phantom power.

CM-60 Mini-XLR — provided with a mini-XLR plug that can be used with most wireless microphone bodypacks

CM-60 Mini-locking Plug — provided with a 3.5mm mini-plug that is standard for most Nady wireless products

CM-60 Standard XLR — provided with mini-XLR connector and the XM-60 XLR adapter, required for hardwired use to convert 9-52V phantom power to 6V.

For wireless applications, connect the mini-XLR or 3.5mm mini-locking plug to the mic input of your body pack transmitter. For hardwired applications, use an XLR to XLR balanced cable to connect the CM-60 to your equipment (requires phantom power). The optional Nady 48V SMPS-1 Phantom Power Supply can also be used if your mixer doesn't supply phantom power.

Using the rubber spring clamp, the CM-60 can be mounted to drum rims, edges of acoustic instrument sound holes, or the bells of wind instruments. Adjust the gooseneck to position the mic as desired, close to the sound source. Be aware of the proximity effect (an increase in bass response) when the mic is placed close to the instrument. This may or may not be desirable. Experimenting with the position of the mic with respect to the audio source will ensure the optimum results you are seeking in any given application. If the microphone is placed too near a speaker cabinet during live stage use, an unpleasant howling effect (acoustic feedback) may occur. Although all microphones are prone to feedback to some extent, those with a unidirectional polar pattern (such as the CM-60) are specially designed to accept only signals from the audio source directly in front of the mic cartridge. Thus, the cardioid pattern of the CM-60 helps ensure that it will deliver only the desired audio in front of the mic, rejecting the unwanted audio from the rear, even in noisy ambient conditions with high sound pressure levels from the P.A. and monitor speakers. This means that feedback will be greatly minimized with the CM-60 in all live performance miking applications.

Some useful ways in which to totally eliminate annoying feedback include: experimenting with mic positions with respect to the speakers, decreasing speaker volume (whenever possible), and adjusting the equalization of the mic audio with the mixer.

The rubber boom shock mount greatly reduces vibration and low frequencies from being transferred to the audio of the microphone. This will help prevent low frequency feedback and allows the CM-60 to be easily mounted on the most resonant instruments or materials with a minimum of low/mid frequency feedback or stage rumble.

The built-in windscreens, as well as the included external windscreen, protect the microphone and prevent any sudden blasts of air from overdriving the audio which greatly reduces feedback and popping noises.



PRECAUTIONS AND CARE FOR YOUR CM-60

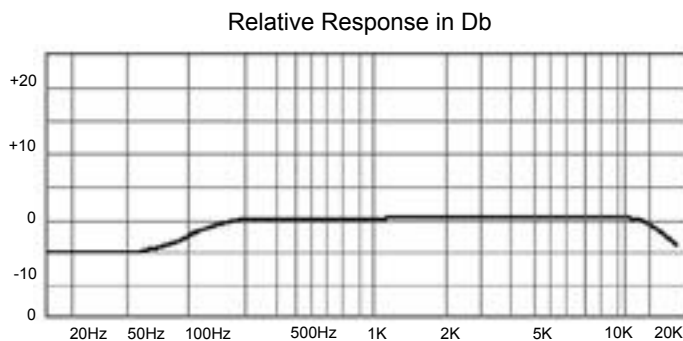
- The microphone should never be dropped or subjected to extreme shock. Store only in a padded case to protect it during transport.
- Keep the microphone away from extremely high temperatures (above 140 °F or 60 °C) and humidity. Avoid leaving the microphone in direct sunlight for long periods of time.
- When using the microphone outdoors, avoid getting it wet.
- After use in a high-moisture application such as a stage performance, wipe off the microphone with a dry cloth and permit it to air dry. Do not store the unit in a closed space (e.g., a plastic bag) until all moisture has evaporated.

FEATURES

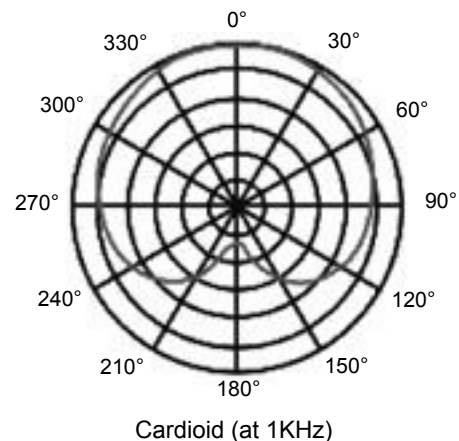
Able to handle high sound pressure levels without distortion, the CM-60 microphone is ideal for close-up miking of all types of drums and percussion instruments, as well as for accurate sonic reproduction of brass, string, woodwind, guitars, and other acoustic instruments producing high sound fields. Perfect for hard-wired or wireless applications in live performance or recording applications.

- Mounts to drum rims, the edge of acoustic guitar sound holes or the bell of wind instruments for accurate sound reproduction and isolation from other instruments
- Tight cardioid polar response is highly effective in suppressing feedback and unwanted sounds
- Rubber boom shockmount's ingenious design minimizes vibration and audio transference from resonant instruments or materials
- Sturdy rubber-grip spring clamp holds mic securely and prevents marring the finish
- Built-in windscreen, as well as external windscreen included, for maximum feedback and pop rejection
- Adjustable gooseneck and swivel joint allows optimum microphone positioning
- For use with bodypack transmitters or with standard mixers that provide 9-52V phantom power.

FREQUENCY RESPONSE



POLAR DIAGRAM



SPECIFICATIONS

Transducer Type: Back electret condenser element (10mm)

Directional Pattern: Cardioid

Frequency Response: 50Hz~18KHz (-3dB)

Sensitivity (1V/Pa@1KHz): 45dB

Impedance: 250 Ohms, balanced

Maximum SPL: >120dB

Wireless Power Requirements: Bodypack transmitter with phantom power

Hardwired Power Requirements: 9-52V phantom power to be used with XM-60 adapter

Power Requirements: 6V (9-52V with XM-60)

Connector: 3-Pin XLR / 3-Pin Mini-XLR / 3.5mm Mini-locking plug (TS)

Wiring: Mini-XLR Pin 1 = GND, Pin 2 ⇒ 15K Ohms ⇒ Pin 3 ⇒ Mic

Cable: 45" (114cm)

Boom length: 5" (12.7cm)

Weight: 1.9 oz

Foam windscreen included

SERVICE

(U.S.) Should your Nady microphone require service, please contact the Nady Service Department via phone at (510) 652-2411 or e-mail at service@nady.com

(INTERNATIONAL) For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product.

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