

# CM-2S Stereo Condenser Microphone

## USER GUIDE



Congratulations on purchasing the Nady CM-2S Stereo Condenser Microphone. This superior, versatile microphone provides the realistic spatial impact of a live sound field for many applications including stereo recording, ENG theater use, and FM stereo radio.

This manual covers the operation of the CM-2S microphone and the available optional accessories. To take full advantage of the superb features of your microphone, and to enjoy long and trouble-free use, please read this user's guide carefully.

### UNPACKING, INSPECTION, STORAGE AND TRANSPORT

Your CM-2S microphone was carefully packed at the factory, and the shipping carton was designed to protect the unit during shipping. Please retain this container in the highly unlikely event that you ever need to return your microphone for servicing.

#### STANDARD ITEMS SUPPLIED

- CM-2S Stereo Condenser Microphone
- Mic clip
- 19" (0.5m) stereo cable (XLR to 3.5mm stereo mini plug)
- 10' (3m) stereo cable (XLR to two 3.5mm mono mini plugs)
- Two 3.5mm (female) to 1/4" (male) phone plug adapters
- Foam windscreen
- Soft, protective leatherette pouch
- AA battery
- User guide
- Warranty card

#### OPTIONAL ACCESSORIES

- Camera Shoe Mount Adapter
- MST-5B Boom mic stand

### FEATURES & OPERATION

The CM-2S uses a pair of closely-matched, wide range, condenser uni-directional (cardioid) elements, angled at 110° in an X/Y stereo configuration. It features superb channel separation; smooth, linear 30Hz-20kHz frequency response with a switchable low-frequency roll-off; On/Off switch, high SPL capability; extended dynamic range with ultra-low self noise; crisp, clear transparent audio; and internal battery operation. All this contained in a compact, lightweight design for easy camera mounting

The CM-2S has two unbalanced, in-phase, low impedance stereo outputs. The Left(+) signal is sent to Pin 2 and the Right(+) signal is sent to Pin 3. Both Left and Right use a common Ground(-) connection on Pin 1. Use the 19" stereo cable to connect to 3.5mm stereo inputs or the 10' cable to connect to two channels of your mixing console or recording equipment.

Placing the mic closer to the sound source will create a more pronounced stereo image while moving the mic further away will lessen the stereo image and result in more room noise. Placing a mic too close to a multi-voice source may result in some voices being more dominant than others. Experiment with placement for the best possible results. Use the low-cut filter switch to reduce stage floor noise and undesired low frequencies.

Before operating, install an alkaline or mercury AA battery by unscrewing, and sliding down, the lower portion of the handle to reveal the battery compartment. The CM-2S is only designed for battery use.

**DANGER: DO NOT USE PHANTOM POWER WITH THE CM-2S OR YOU COULD DAMAGE THE MICROPHONE.**

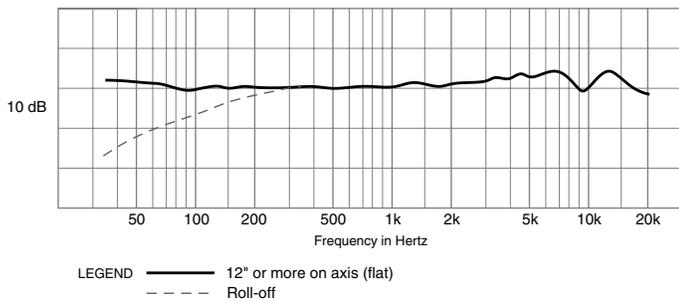
*Note: Low bias voltages (such as those used for mini-disc, DAT, or analog recorders) will not harm the microphone.*

## USING THE FOAM WINDSCREEN

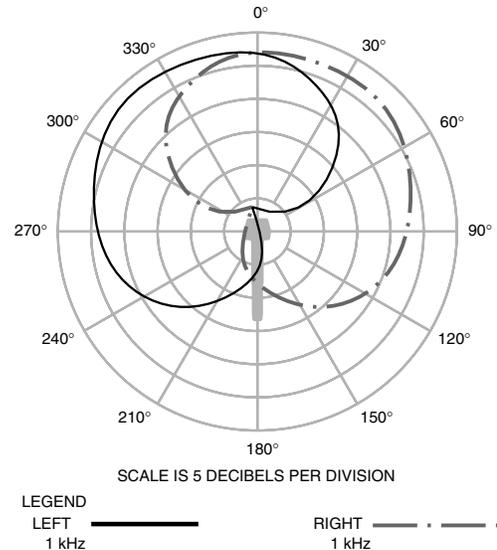
The foam windscreen, supplied with the CM-2S, fits over the grill portion of the microphone and is designed primarily to decrease bass rumble (from wind noise pickup) during outdoor live or recording use. It is also useful in keeping mouth spray out of the microphone head. (Note: Be aware that the foam windscreen will slightly attenuate the high frequency response of the microphone.)

(WARNING: The capsule is the heart of the condenser microphone. If the elements becomes dirty or wet, the sound will be degraded. Never spray any liquid on the microphone head. Always use a foam windscreen or pop filter if you talk or sing close to the microphone grill screen.)

## FREQUENCY RESPONSE



## POLAR PATTERN



## SERVICE

(U.S.) Should your Nady microphone require service, please contact the Nady Service Department via telephone at (510) 652- 2411 or e-mail at [service@nady.com](mailto:service@nady.com). (INTERNATIONAL) For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product.

Date of purchase \_\_\_\_\_

Dealer's Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

*Note: Do not attempt to service this unit yourself as it will void your warranty.*

## SPECIFICATIONS

**ELEMENT:** Fixed-charge back plate permanently polarized condenser

**POLAR PATTERN:** Cardioid (Unidirectional) stereo

**FREQUENCY RANGE:** 30 to 20,000Hz

**LOW-FREQUENCY ROLL-OFF:** 150Hz, 6dB/octave

**SENSITIVITY:** -45dB (5.6 mV) re 1V at 1 Pa

**IMPEDANCE:** < 250 Ohms unbalanced

**CHANNEL BALANCE:** < 2.5dB

**MAX. SPL (1% THD @1000HZ):** 128dB

**S/N RATIO re 1Pa:** 70dB

**DYNAMIC RANGE (TYPICAL):** 101dB, 1kHz at Max SPL

**BATTERY TYPE:** AA alkaline battery

**BATTERY LIFE:** More than 1000 hrs

**SWITCH:** Off, flat response, low-roll-off

**SIZE:** Diameter: 0.83" (21.0mm), Length: 7.76" (197.0mm), Width: 2.44" (62.0mm),

**NET WEIGHT:** 5.8 oz (165 g)

*Specifications and design subject to change for improvement purposes without prior notice.*