



# USER GUIDE

# SCM-700

## Condenser Microphone



Congratulations on purchasing a Nady SCM 700 Condenser Microphone. The SCM-700 is a high quality studio condenser microphone for just about any application imaginable—from smartphone devices to live/studio professional mixers and other audio equipment. Features a low-mass electret diaphragm with extended frequency response of 20Hz- 20kHz and superior transient response. Every sound can be captured as intended. The XLR to TRS and TRRS adapter (included) allows you to take the show on the road by connecting your smart device... record crystal clear audio every time with your favorite app.

Your SCM-700 microphone was carefully packed at the factory, and the shipping carton was designed to protect the unit during shipping. Please retain this container for subsequent transport and in the highly unlikely event that you ever need to return your microphone for servicing. The optional IMCC-1 aluminum carrying case is highly recommended for the most convenient and safe transport or permanent storage.

## Features

- The most versatile, professional recording microphone available, ideal for virtually all applications.
- For use with smartphones, tablets, computers and mixers
- Accepts phantom power from 5V to 48V for use in any recording environment
- Cardioid polar pattern pickup
- Compact and durable, high-quality plastic/metal construction
- TRRS Y-cable adapter included for easy connection to smart devices

## Standard Items Supplied

- SCM-700 Microphone
- User Guide
- Optional Accessories Order Form
- 3.5mm TRRS Y-cable
- 10' XLR to 3.5mm TRRS cable
- Vinyl bag

## Optional Accessories

- **SMPS-1X** 48V phantom power supply
- **IMCC-1** Aluminum flight case
- **SSM-700** Shockmount
- **FW-700** Foam windscreen
- **XC-6** 6' XLR to XLR microphone cable
- **SPF-1/MPF-7** Pop filters

## Specifications

<b>Type</b>	Electret condenser
<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	-37 dB (14.1 mV) re 1V at 1 Pa
<b>Frequency Range</b>	20 to 20,000Hz
<b>Internal Low Cut Switch</b>	80Hz, -6dB
<b>Impedance</b>	< 100 Ohms
<b>Max. SPL (1% THD @1000Hz)</b>	140dB
<b>Equivalent Noise Level to IEC 268-4(A weighted)</b>	20dB-A
<b>S/N Ratio re 1Pa</b>	76dB
<b>Power Requirement</b>	5 to 48V DC phantom power
<b>Current Consumption</b>	<3mA
<b>Connector</b>	3-pin XLR
<b>Size</b>	Diameter: 1.8" (48 mm) Length: 5.9" (150mm)
<b>Net Weight</b>	8oz (226g)

*Specifications subject to change at any time without prior notice for purposes of product improvement*

## Warning

**The capsule is the heart of your condenser microphone. If it becomes dirty or wet, the sound will be degraded. Never spray any liquid on the microphone head. Always use a foam windscreen if you talk or sing close to the microphone grill screen.**

## Using the Optional Microphone Shock Mount

Your SCM-700 microphone can be used with the optional Nady SSM-700 spider shock mount (or equivalent), which uses an elastic suspension to isolate the microphone from vibration, thereby lowering noise transmitted to the microphone from the stand. This is a useful tool in many situations, such as when the performer is tapping his or her feet, or when there is noise pickup from the rumbling of traffic outside of the building.

To insert your SCM-700 microphone into the SSM-700 shock mount, firmly slide the microphone into place.

## Using the Foam Windscreen or Pop Filter

The FW-700 optional foam windscreen, or the SPF-1 or MPF-7 pop filters can also be used with your SCM-700. The FW-700 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. The FW-700 or either the SPF-1 or MPF-7 pop filter should be used whenever someone is close miked to both protect the microphone and to also eliminate "popping" from percussive breath sounds.

**Note:** Be aware that the foam windscreen will slightly attenuate the high frequency response of the microphone.

## Service Information

**In the U.S.** If you are experiencing operational problems with your system, please refer to the Support page at [www.nady.com](http://www.nady.com) for assistance. Should your microphone require service, please contact the Nady Service Department at (510) 652-2411 to obtain a Return Authorization (RA) Number and service quote (if out of warranty). Make sure the RA Number is clearly marked on the outside of the package that you are returning.

If your unit is out of warranty, please enclose a cashier's check or money order (or pay by credit card) per instructions by the Nady Service Department. Ship your unit prepaid to: Nady Systems, Service Department, 6701 Shellmound Street, Emeryville, CA 94608. Include a brief description of the problem you are experiencing. For service of a unit under warranty, please follow the instructions in the following section.

**Outside the U.S.** For service or warranty matters please contact the Nady distributor in your country through the dealer/store from which you purchased this product.

**Do not attempt to service this unit yourself as it can be dangerous and will also void the warranty.**



6701 Shellmound Street | Emeryville, CA USA 94608  
T 510.652.2411 | F 510.652.5075 | [www.nady.com](http://www.nady.com)

## Connecting the SCM-700

The SCM-700 can be used in live sound reinforcement and broadcasting and in studio or live recording. It must be powered by at least 5V DC phantom power (such as supplied by the optional Nady SMPS-1X phantom power supply or a mixing console with phantom powering), or can be plugged directly into a laptop, desktop, tablet or smartphone using the included 3.5mm TRRS Y-cable.

The SCM-700 can be connected to your mixer or phantom power supply using a standard balanced 3-pin XLR mic cable. Before connecting to a mixer directly, turn the channel to which you're connecting to its lowest gain setting. If you are using the Nady SMPS-1X phantom power supply, connect in the following order:

1. Connect the SCM-700 to the SMPS-1X
2. Connect the SMPS-1X signal output to your mixer
3. Connect the SMPS-1X to the AC power supply (115-230VAC)
4. Turn on the SMPS-1X Power On/Off switch
5. Slowly turn up the channel gain in your mixer to the desired level

## One Year Warranty

Nady Systems, Inc. warrants to the original consumer purchaser (U.S.A. only) that your unit is free from any defects in material or workmanship for a period of one year from the date of purchase. If any such defect is discovered within the warranty period, Nady Systems, Inc. will repair or replace the unit free of charge, subject to verification of the defect or malfunction upon delivery or shipping prepaid to Nady Systems.

**Important:** Please do not return our product to the store where it was purchased. Nady Systems, Inc. accepts the responsibility of keeping you a satisfied customer. This warranty does not apply to defects or physical damage resulting from abuse, neglect, accident, improper repair, alteration, or unreasonable use of the unit resulting in cracked or broken cases or parts, or units damaged by excessive heat, and does not apply to batteries or damage caused by leaving batteries. This warranty does not cover finish or appearance items nor items damaged in shipment en route to Nady Systems Inc. for repair. You must include proof of date and place of purchase (i.e. photocopy of your bill of sale) or we cannot be responsible for repairs or replacement. If factory service is required, you must contact our Service Department at 510-652-2411 for a return authorization (RA) number. Make sure the RA number is clearly marked on the outside of the package.

Nady Systems, Inc. will not repair nor be held responsible for any units sent without proper identification and return address or RA number clearly marked on the package.

For service, ship units prepaid to: Nady Systems, Inc., Service Department, 6701 Shellmound St., Emeryville, CA 94608.