



USER GUIDE

HM-45

Uni-Directional Headmic™

Congratulations on purchasing the Nady HM-45 ultra-small condenser headset microphone. Optimally designed for singing and speech applications, the HM-45's small size and light weight make it ideal for all hands-free use with minimum visibility.

Perfect for singers/musicians (drummers, keyboardists), vocal/dance performers, DJs, television announcers, public speakers, and aerobics instructors.



Standard Items Supplied

- HM-45 headmic with small foam windscreen
- Additional medium and large foam windscreens
- User guide and warranty

Optional Accessories

- **XM-10** Mini-XLR to XLR phantom power adaptor (converts 9-52VDC phantom power to 1.5VDC)
- **HM-CC1** Plastic headmic carrying case

Features

- Wide bandwidth, uni-directional electret condenser mic ensures clean transparent audio and enhanced vocal pickup with improved gain before feedback
- Durable, thin metal frame can be easily molded to any user
- Ergonomic single-ear design and comfortable fit with or without glasses, hats, or headphones (also no hairstyle hindrance)
- Tiny capsule with diameter of 5.0mm for lightest weight and hours of comfortable use
- Three sizes of foam windscreen included to reduce wind and popping noise
- Extendable boom fully adjustable 100 degrees for optimum mic capsule placement
- Available with Mini-XLR or 3.5mm phono plug for wired and wireless applications (fits most standard wireless bodypack transmitters)
- Choice of black or beige
- Low voltage phantom power required (1.5-6VDC)

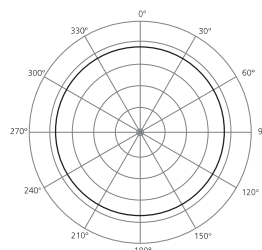
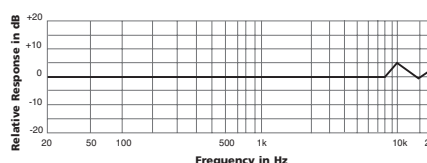
Use and Care

The headset's arch-shaped ear rest is placed over whichever ear you choose. The tip of the supporting arches rests behind the ear, providing the necessary stability during use. The mic boom descends from the ear and should be placed close to the mouth in a favorable audio position. Bend the boom and headset slightly for optimal fit.

Connect the Mini-XLR or 3.5mm phono plug of the microphone cable to the input jack of the bodypack transmitter or power supply adaptor. When using a power supply adaptor, connect it to the microphone input of an audio preamp that provides phantom power.

The HM-45 assembly has been moisture-proofed to guard against deterioration during use. After use in a high moisture application such as aerobics or a stage performance, remove the foam screen, wipe the headset with a dry soft 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, and avoid conditions of extremely high humidity. This will help maintain the HM-45's excellent performance. While the HM-45 is not unusually sensitive to the outside environment, extremes in temperature can be harmful. Avoid leaving the microphone in direct sunlight for long periods of time.

Frequency Pattern and Polar Response



Specifications

Element	Back electret condenser
Polar Pattern	Uni-directional
Frequency Response	20Hz~20KHz
Sensitivity	-42±3dB
Output Impedance	1KΩ±5%
SPL Max	130dB
Power Supply	1.5-10V D.C.
Cable	1.5mm
Wiring	GND = Pin 1, Hot (+) = Pin 3 ➡ 2KΩ ➡ Pin 2
Weight	1.65 oz. (23g)
Mic Dimension	.197" (5 mm)
Output Connector	3-pin mini XLR connector

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

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 for assistance. Should your wireless system require service, please contact the Nady Service Department at (510) 652-2411 to obtain a Return Authorization (R/A) Number and service quote (if out of warranty). Make sure the R/A 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 will void the warranty.

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 broken parts, or units damaged by excessive heat. 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.



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