



USER GUIDE

American Performer

Dynamic Microphone



Thank you for choosing the Nady American Performer™ Neodymium Dynamic Microphone. This versatile, professional-quality microphone is designed to provide top performance in all live performance, and public address applications. Its true, transparent sound also makes the American Performer microphone a valuable recording tool.

Features

- Advanced high-output neodymium cartridge provides maximum clarity and definition, even in noisy environments
- Unidirectional cardioid pattern reduces feedback
- Special-design internal cartridge mount for lowest handling noise and quiet performance
- Withstands highest sound pressure levels without overload or distortion
- Rugged, all-metal construction
- External On/Off switch on handle
- Includes 20 ft. microphone cable

Precautions and Care

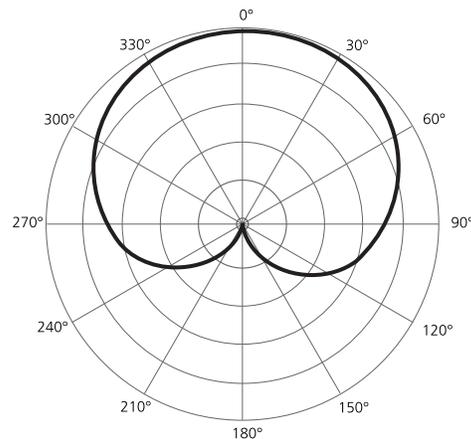
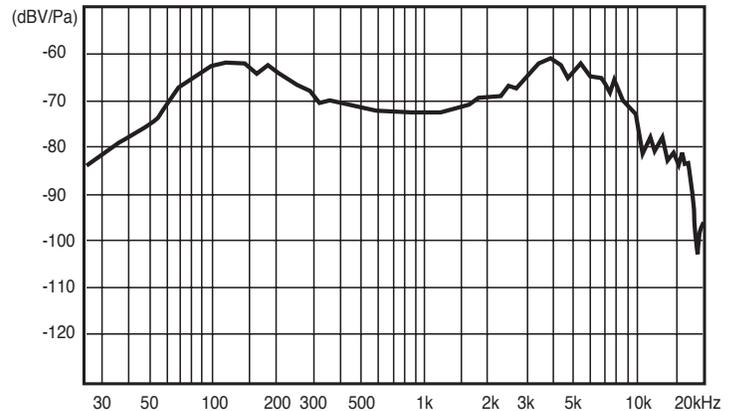
- The microphone should never be dropped or subjected to extreme shock. Store only in a padded case to protect it during transport
- Keep the microphone away from extremely high temperatures (above 140°F or 60°C) and humidity and avoid leaving it in direct sunlight for long periods of time
- When using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

Specifications

Element	Moving Coil
Polar Pattern	Dynamic Neodymium
Frequency Response	Uni-directional Cardioid
Sensitivity (@1kHz, 74dB S.P.L.)	50Hz -15kHz (-3dB)
Impedance	-55dB V/Pa (4.5mV/Pa)
Maximum S.P.L. (THD d1% 1kHz)	600 ohms
Connector	120dB
Mic Cable	XLR balanced
Dimensions (L x D)	20' (6m) 3-pin XLR to 1/4" TS
Weight	7" x 2.1" (180mm x 52mm)
Material	9.2 oz (260 g)
Ballscreen	Zinc alloy Die-cast zinc
	Steel mesh

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

Frequency Response and Polar Pattern



Operation

The American Performer microphone can be used with any standard mixer, powered mixer/amplifier, or mic preamp. Using the supplied XLR-to-1/4" phone plug low impedance cable, connect the female XLR end to the American Performer mic, and the 1/4" phone plug end to your equipment.

Depending on the application, the American Performer microphone can either be handheld or mounted on a microphone stand with a standard mic clip.

Be aware of the proximity effect (an increase in bass response) when the mic is placed close to the mouth or 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. Also, never place your hands over the ballscreen of the mic during use, as this can degrade the performance.

If the mic is placed too near a speaker, an unpleasant howling effect (acoustic feedback) may occur. Although all microphones are prone to feedback to some extent, those

with unidirectional polar pattern (such as the American Performer) are specially designed to accept only signals for the audio source directly in front of the mic cartridge. Thus, the cardioid pattern of the American Performer mic ensures 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 American Performer 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.

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 can be dangerous and will also void the warranty.

90 Days 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 90 days 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 leaking 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.



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