

NADY ENG-12

Portable Multi Channel UHF Wireless Microphone System



THE NADY ENG-12 TRANSMITTER CONVERTS ANY MICROPHONE TO UHF WIRELESS OPERATION—WITH 160 CHANNEL USER SWITCHABLE CHANNELS



- Multi channel UHF operation for a clear frequency in any location
- Compatible with all Nady portable and rack mount UHF wireless receivers
- XLR connector for compatibility with any microphone, plus phantom power for lavalier mics
- Unsurpassed 120 dB dynamic range and quiet RF link for refined audio
- Outstanding wireless operating range—up to 500 + feet line-of-sight
- Nady's Tone Squelch™ eliminates interference from other sources

Now any handheld, shotgun or lavalier microphone can be instantly converted to state of the art, multi channel UHF wireless operation. The new Nady ENG-12 snap on wireless microphone transmitter is specifically designed to meet the standards of any ENG, EFP or pro audio application.

The ENG-12 transmitter is compact and lightweight, yet features a rugged, all metal housing. It provides a locking XLR connection for any mic, and 9V DC phantom power for lavalier mics.

The audio quality of the Nady ENG-12 is second to none. Nady's proprietary RF link is up to 20 dB quieter than other brands, and our patented companding circuitry delivers an industry best 120 dB dynamic range. The result is truly refined wireless audio quality.

In addition to the advantages of operating on the uncluttered UHF band, the ENG-12 also provides Nady's Tone Squelch™ to eliminate interference from other RF sources.

The ENG-12 transmitter is most often paired with the Nady 661 VR portable UHF receiver. The 661 VR receiver utilizes Surface Mount Technology, making its metal housing small enough to clip to a belt or attach unobtrusively to any video camera, and is available with up to 160 user switchable UHF channels, depending on frequency group selected. The ENG-12 is also compatible with the rack mount Nady 950GS UHF receiver.

To assure reliable performance, the ENG-12 provides maximum output power for extended operating range—a minimum of 250 feet in adverse conditions and up to 500+ feet line-of-sight.

For the best performance in wireless, the choice is clear: Nady.

NADY ENG-12 PORTABLE UHF WIRELESS MICROPHONE SYSTEM COMPONENTS



ENG-12 SNAP-ON MULTI CHANNEL UHF WIRELESS MICROPHONE TRANSMITTER

The ENG-12 transmitter is an ultra compact, lightweight module that converts any lavalier (some may require DC power), handheld or shotgun microphone to up to 160 channel UHF wireless operation. Nady's patented companding circuitry gives the ENG-12 the quietest sound and highest dynamic range of any system available. The ENG-12 transmitter also features a metal housing, with a recessed power on/off switch, a "no pop" audio on/off switch, channel group and channel selectors, audio level adjust, an LED to indicate battery strength, 9V DC phantom power for lavalier mics, plus Nady's Tone Squelch™, which eliminates interference from other services.



NADY SP-4 HARDWIRED MICROPHONE

The ENG-12 transmitter, as shown above connected to a Nady SP-4 Neodynamic™ hardwired microphone, features a precise, noise free XLR connector to convert any professional microphone to multi channel UHF wireless operation.*



NADY 950 GS RACK MOUNT UHF RECEIVER

The 950 GS is Nady's state of the art multi channel UHF rack mount receiver. It delivers truly refined audio, with the quietest RF link in the industry—up to 20 dB quieter than other brands. The 950 GS includes up to 160 frequency synthesized, switchable UHF channels, True Diversity reception, an industry best 120 dB dynamic range, a balanced XLR output, an unbalanced 1/4" phone plug output, monitor output, bass boost and more.*

NADY 661 VR PORTABLE UHF RECEIVER

This all metal UHF receiver attaches to a video camera or clips to a belt. Like the 950 GS, the 661 VR features up to 160 user switchable UHF frequencies, balanced audio output, headset output, low battery LED and mute adjust, plus Nady's Tone Squelch™, which eliminates interference from other services.*



NADY ENG-12 SPECIFICATIONS

OVERALL SYSTEM PERFORMANCE

Frequency Response: 25Hz - 20 kHz \pm 3 dB
Dynamic Range: 120 dB
Harmonic Distortion: < 0.3%
RF Carrier Frequencies: Up to 160 channel switchable selected groups in the 477 to 951 MHz range
Frequency Stability: \pm .005%, PLL Synthesis
Modulation: FM \pm 25 kHz max. (with 661 VR receiver)
Operating Range: 250 feet typical—up to 500+ feet line-of-sight

NADY ENG-12 SNAP ON UHF TRANSMITTER

Audio Input Impedance: Low impedance unbalanced
Controls: Transmitter On/Off, Audio On/Off, channel group selector, channel selector, Audio level adjust
Microphone Connector: Standard three-pin XLR, with 9V DC power for lavalier mics
Indicators: Low battery LED
RF Power Out: 50-125 mW, depending on frequency band
Harmonic/Spurious Emissions: < -40 dB
Battery: 9V alkaline
Battery Life: 4-6 hours
Dimensions: 1.5" W x 4.2" H x 1.5" D (3.9 x 10.5 x 3.9 cm)
Weight: 7 oz. (192 g.) including battery

NADY 661 VR UHF RECEIVER

Controls: Mute adjust, output level adjust, channel selector, channel group selector, rotary ON/OFF/VOLUME control
Audio output: Low impedance balanced output
Connectors: Audio output, headphone output and 12 V DC power input @ 100 mA, tip positive each with a 3.5 mm mini jack
Indicators: Power on (single flash) Low Battery Alert (steady) and Transmitter *TX*
Mute: Externally adjustable: 1 μ V preset minimum
Unwanted Signal Rejection: 80 dB image and spurious
Battery: 9V alkaline
Battery Life: 1.5-2 hours
Dimensions: 2.5" W x 6.1" H x .44" D (6.5 x 16 x 1.25 cm)
Weight: 10.5 oz (298 g.) including battery



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