

# NEW PRODUCT ANNOUNCEMENT

## The Nady XR-61/62 Pro VHF Series



Nady Systems, the pioneer and leading innovator in wireless microphone and music instrument systems, presents the next breakthrough in professional rackmount wireless. The Nady XR-61/62 Pro VHF Series was designed for all professional applications and offers full-featured rack mount convenience, unsurpassed performance, and choice of single or dual receivers—all at the most amazingly cost effective, affordable price available.

The XR-61 single receiver and the convenient space saving XR-62 dual receiver are both housed in the same rugged road ready single-rack 19" metal case. Packed with all the enhanced features demanding professionals need for optimum convenience and ease of use, both the XR-61 and XR-62 receivers feature front mount removable dual antennas for optional remote placement, adjustable line level 1/4" and fixed mic level XLR outputs, and front panel LED displays for received signal strength, and audio and diversity status. A unique optional transmitter low battery LED also alerts the operator at the receiver that the transmitter battery has one hour or less of usable life remaining. The Nady XR-61/62 Pro VHF Systems also feature proprietary DigiTRU Diversity™ with unique digital processing circuitry for maximum dropout protection and range—ensuring optimum performance and reliability.

Several transmitter options are available with the XR-61/62 Pro Series. The sleek rugged metal handheld HT-3 features the Nady AT-60 dynamic element for powerful, transparent vocals. Available bodypacks include the SX-3 for lavalier or head mic applications, and the GT-3 instrument transmitter. All of these transmitters use a standard 9V alkaline battery and have a 16-20 hour battery life. A low battery LED signals when it is time to change the battery. Also available are The Link™ and ENG-11 snap-on transmitters which quickly convert any handheld or lavalier microphone to wireless. (See separate Link™ and ENG-11 brochures for more information and specifications).

Over 20 years ago, Nady pioneered and patented companding in wireless microphones and continues to this day as the leader in this noise reduction technology. The new XR-61/62 Pro Series systems deliver an industry-best 120 dB dynamic range for the clearest, quietest and most natural sound in wireless—virtually indistinguishable from hardwire in any environment. Designed for optimum performance in all fixed installation or traveling applications, the XR-61/62 systems typically provide a 250 foot range—up to 500 feet or more line-of-sight.

With the Nady XR-61/62 Pro Series, the best sounding, best performing rackmount VHF wireless in the world is also the most affordable.

### NADY XR-61/62 SYSTEM SPECIFICATIONS

#### OVERALL SYSTEM PERFORMANCE

**Frequency Response:** 25 Hz-20 kHz  $\pm$ 3 dB.

**Dynamic Range:** 120 dB.

**Total Harmonic Distortion:** < 0.3%.

**RF Carrier Frequency:** Available in selected bands between 169 and 216 MHz.

**Modulation:** FM  $\pm$  15 kHz.

**Operating Range:** 250 feet typical—up to 500+ feet line-of-sight.

#### NADY 61/62 VHF TRANSMITTERS

**Audio Input Impedance:** **GT-3 Instrument:**

1 Mohm, with permanently attached instrument cord with 1/4" phone plug. **SX-3:** 20 K ohm, with mini XLR connector and phantom DC power for any electret condenser lavalier microphone or headmic.

**Controls:** **HT-3 Handheld:** ON/Off, input level adjust.

**LT-3/SX-3:** OFF/STANDBY/ON, input level adjust.

**GT-3 Instrument:** ON/OFF, input level adjust.

**LED Indicator:** Unit "ON" (single flash), Low Battery Alert (steady).

**RF Power Out:** 50 mW (max allowed by FCC).

**Harmonic and Spurious Emissions:**  $\leq$  -40 dB.

**Battery:** 9V Alkaline. **Battery Life:** 16-20 hours.

**Bodypack Dimensions:** 3.8" x 2.4" x .8" (9.7 x 6.1 x 2 cm).

**Bodypack Weight:** 2.5 oz. (71 g).

**Handheld Dimensions:** 8.75"L x 1.54" D (22.2 x 3.8 cm).

**Handheld Weight:** 9.3 oz (264 g.)

#### NADY 61 AND 62 VHF RECEIVERS

Note: The XR-62 is a dual receiver version of the single receiver XR-61—so the appropriate controls and connectors listed below are duplicated for each receiver.

**Controls:** Power ON/OFF, Volume Adjust, Mute Adjust.

**Connectors:** Audio Outputs: nominal line level 1/4" mono phone jack and mic level XLR, 3.5 mm DC power jack.

**Antenna Connectors:** SO-239 jacks.

**LED Indicators:** Power "ON", Received Signal Strength and Audio: 4 LED display each, Tx Low Battery Alert signal (optional) **61:** Transmitter "Tx" **62:** ch A "ON" and ch B "ON".

**Mute:** Externally adjustable with preset minimum.

**Unwanted Signal Rejection:** 60 dB image and spurious.

**Power Requirements:** **61:** 12V DC @ 200 mA

**62:** 12V DC @ 400mA, tip positive. AC adapter incl.

**61/62 Dimensions:** 16.5" x 7.5" x 1.75" (42 x 19 x 4.5 cm).

**Weight:** **61:** 3.82 lbs. (1.73 Kg.)

**Weight:** **62:** 4.22 lbs. (1.91 Kg.)

