

# NADY 401 VHF

## Four Discrete Channel Wireless System



## Four independent wireless receivers in one single space rack mount component

In a move to make multiple channel VHF wireless more convenient and accessible to musicians and groups, Nady Systems, Inc. presents the Nady 401 VHF Four Discrete Channel Wireless System.

The Nady 401 is the most affordable multiple channel wireless system on the market. And it makes operating several wireless systems on the same stage easier than ever.

The 401 dual antenna receiver is a single rack space component containing four independent, single channel wireless receivers operating on four different frequencies in the VHF high band.

Like all Nady wireless systems, all four channels of the Nady 401 feature specialized companding circuitry for

clean, natural sound that is indistinguishable from hardwire systems. The Nady 401 delivers a full 120 dB dynamic range, the best available in wireless today.

Also available is Nady's optional Tone Squelch™, to eliminate interference from other RF sources.

The 401 is available with any combination of Nady HT-3 handheld, Nady LT-3 lavalier, SX-3 lavalier or headmic, and Nady GT-3 instrument transmitters. All Nady 401 transmitters deliver 16-20 hours performance from a single 9V battery—the longest battery life in the wireless industry. Also available is The Link™ snap-on transmitter which instantaneously converts any XLR mic to wireless (see separate brochure for more information).

### 401 VHF SYSTEM SPECIFICATIONS

#### OVERALL SYSTEM PERFORMANCE

**Frequency Response:** 25Hz-20 kHz,  $\pm 3$  dB  
**Dynamic Range:** 120 dB  
**Total Harmonic Distortion:** < 0.3%  
**RF Carrier Frequencies:** Selected frequencies between 169 and 216 MHz  
**Modulation:** FM  $\pm 15$  kHz  
**Operation Range:** 250 ft. typical; up to 500+ ft. line-of-sight

#### NADY 401 VHF TRANSMITTERS

**Audio Input Impedance:** Nady GT-3: 1.0 M ohm. Nady LT-3: 600 ohm electret condenser mic permanently attached. SX-3:

20 K ohm, with mini XLR connector and phantom DC power for any electret condenser lavalier microphone or headmic. Nady HT-3: optimally matched to mic element used  
**Audio Connector:** Nady GT-3: Instrument connecting cord with 1/4" mono phone plug. Nady LT-3: Nady E-701 lavalier mic is hardwired to transmitter. SX-3: mini XLR  
**Controls:** Power ON/OFF, AUDIO ON/OFF (HT-3) OFF/STANDBY/ON (LT-3/SX-3,GT-3), Input Level Adjust  
**LED Indicator:** Unit "ON" (single flash), Low Battery Alert (steady)  
**Antenna:** All have integral antenna  
**RF Power Out:** 50 mW (max allowed by FCC)  
**Harmonic and Spurious Emissions:** <- 40 dB  
**Battery:** 9V alkaline

**Battery Life:** 16-20 hours. (The Link™: 8-10 hours)

#### NADY 401 VHF RECEIVER

**Controls:** Power ON/OFF, volume control and RF mute adjustment for each of the four channels  
**Audio Output:** 600 ohm unbalanced  
**Connectors:** 1/4" mono phone jacks for each channel, SO-239 antenna connectors, 3.5 mm DC power jack  
**Indicators:** LED power indicator, "TX" LED for each channel,  
**Unwanted Signal Rejection:** 60 dB image and spurious  
**Power Requirement:** 12 V DC @ 400mA tip positive. AC adapter included  
**Dimensions:** 16.5" (L) x 7.5" (W) x 1.75" (H) (41.9 x 19.4 x 4.5 cm)  
**Weight:** 2 Kg (4.5 lbs)



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