



# UHF-10 Series

## DIVERSITY WIRELESS SYSTEMS

The latest breakthrough in affordable UHF wireless, the Nady UHF-10 Series is the perfect choice for the demanding professional with a limited budget. The UHF-10 and URR-10 offer all the advantages of clear channel operation on the wide-open, uncluttered UHF band at the price of a VHF system – and a fraction of the cost of competing UHF systems! Featuring Nady's unmatched full 120 dB dynamic range, the UHF-10 and URR-10 are the quietest and best sounding UHF wireless systems available, even when compared to systems costing several times more.



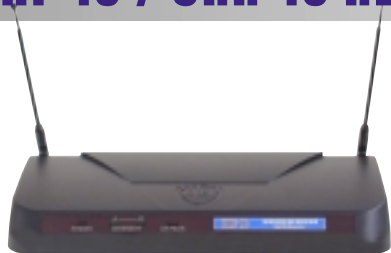
*Single Channel UHF  
Diversity Wireless System*

*The UHF-10 and URR-10 systems offer enhanced professional features for top performance, ultimate convenience and ease of operation.*



*Single Channel Rackmount UHF Diversity Wireless System*

## UHF-10 / URR-10 RECEIVERS



- DigiTRU Diversity™ for maximum range and dropout protection
- Tone Squelch™ for locking out potential interference
- Noiseless transmitter ON/OFF switching
- Full LED status indicators, including Power On and A/B Diversity for both receivers, AF Audio Peak for UHF-10 and 5-segment RF and AF level displays for the URR-10
- Fixed balanced XLR and adjustable unbalanced 1/4" output with Level High/Low switch (URR-10 only) and volume control
- Rear fold-down antennas for UHF-10 and detachable antennas for URR-10
- Rackmount convenience (URR-10 only), with standard rack ears included (for added ease of operation, optional FR-2 frontmount antennas rack kit available)
- 120 dB dynamic range
- Up to 250 ft operating range (depending on site conditions); up to 500+ ft optimum line-of-sight



## UB-10 Body Transmitter

- Maximum versatility—same transmitter can be used for many applications. Unique, easily accessible 3-way switch allows selection of inputs: instrument (guitar, bass, etc.), headworn mic, or lavalier/lapel mic
- OFF/STANDBY/ON switch allows convenient audio muting with the transmitter "ON"
- Low battery LED indicator flashes once for unit "ON"; lights steady for low battery alert
- Locking 3.5mm mini-jack provides secure connection for audio inputs
- Easily accessible input level adjust control for optimum sound
- Rear clip can be rotated 90° for attaching transmitter either vertically or horizontally to clothes

## UH-10 Handheld Transmitter



- Features the Nady DM-10D unidirectional neodymium dynamic cartridge for optimum true sound, maximum feedback rejection and minimal handling noise
- OFF/STANDBY/ON switch allows convenient audio muting with transmitter "ON"
- Low battery LED indicator flashes once for unit "ON"; lights steady for low battery alert

## SPECIFICATIONS

Frequency Response	.....50 Hz - 15 KHz, +/- 3dB
Dynamic Range	.....120 dB
Total Harmonic Distortion	.....< 0.6%
RF Carrier Frequency Range	.....UHF, choice of single frequencies from 726-863 MHz, country dependent
Frequency Stability	.....+/- 0.005% crystal controlled
Modulation	.....FM (F3E), +/- 20 KHz
Operating Range	.....up to 250 feet typical (depending on site conditions); up to 500+ feet line-of-sight

### RECEIVER

Reception Mode	.....DigiTRU Diversity™ (Dual Antenna)
Squelch	.....Tone Key (32.768 KHz)
External Controls	.....Power ON/OFF, Volume Control, Level Low/Hi Switch (URR-10), Squelch (Mute) Adjust
Connectors	.....DC in, 1/4" (6.3mm) unbalanced phone jack (750 mV/5K Ohm), XLR balanced output (60mV/600 Ohm), A&B BNC antenna jacks and fuse (URR-10)
LED Indicators	.....Power On, Diversity A/B, Audio Peak (UHF-10), 5-segment RF & AF displays (URR-10)
Unwanted Signal Rejection	.....60 dB image and spurious
Power Requirements	.....DC 12-15V @ 300 mA, AC/DC adapter included
Dimensions	.....UHF-10: 8.5" x 4.5" x 1.4" (21.6 x 11.4 x 3.5 cm) URR-10: 16" x 6.5" x 1.73" (40.6 x 16.5 x 4.4 cm)
Weight	.....UHF-10: 1.15 lb (0.52 Kg); URR-10: 3.9 lb (1.8 Kg)

### TRANSMITTERS

<b>Audio Inputs</b>	
UB-10 Bodypack	.....3.5 mm locking mini-jack with 3-way select switch for inputs: instrument, headworn mic, or lavalier mic.
UH-10 Handheld	.....Integral Nady DM-10D neodymium dynamic cartridge
<b>Controls</b>	
UB-10 Bodypack	.....OFF/STANDBY/ON, INSTRUMENT/ HEADWORN MIC/LAV MIC, Input level adjust
UH-10 Handheld	.....OFF/STANDBY/ON
LED Indicator	.....Unit "ON" (single flash), Low Battery Alert (steady)
RF Power Out	.....50 mW nominal (maximum allowed by FCC)
Harmonic & Spurious Emissions	.....< -50dB
Battery	.....9V Alkaline
Battery Life	.....8-10 Hours (35mA draw typical)
<b>Dimensions</b>	
UB-10 Bodypack	.....4.2" x 2.5" x .88" (10.7 x 6.4 x 2.2 cm)
UH-10 Handheld	.....9.5" x 1.37" (24.1 x 3.48 cm)
<b>Weight</b>	
UB-10 Bodypack	.....3 oz (84g)
UH-10 Handheld	.....7.5 oz (210g)

