

NADY 551 VR

Professional Two Channel Portable Wireless Video Microphone System

For the advanced videographer who requires unsurpassed audio quality, Nady Systems is proud to present the Nady 551 VR Two Channel Wireless Video Microphone System—specifically designed to meet the standards of any video application where professional quality sound is desired.

The Nady 551 VR receiver features two user switchable VHF operating frequencies, which virtually assures availability of a clear channel in any environment, and allows simultaneous operation of two 551 VR systems in the same location.

The 551 VR receiver also features Surface Mount Technology (SMT), a design technique that enhances reliability and allows its rugged, all metal case to be crafted much smaller than previous models. With its ultra compact size, the 551 VR can be worn comfortably and unobtrusively with the included belt clip.

Nady's specialized companding noise reduction circuitry makes possible an unparalleled dynamic range of 120 dB, and ensures a soundtrack with no background hiss or overload distortion. The sound quality of the Nady 551 VR is unmatched by any other wireless system, and indistinguishable from the best hardwire microphone.

Nady's newest wireless microphone transmitters are standard with the 551 VR. The Nady HT-10 is a sleek wireless handheld microphone featuring a tapered, balanced design and rugged, all metal case. The ultra compact Nady 551 LT lavalier bodypack transmitter features two switchable channels, Surface Mount Technology, a mini XLR connector to accept any electret condenser lavalier microphone and an all metal case. Both the handheld and lavalier transmitters feature a Transmitter ON/OFF switch, Audio ON/OFF switch, Level Trim and Low Battery LED.

The 551 VR system provides an operating range of more than 200 feet in even the most adverse conditions, and up to 1500 feet line of sight. In addition to allowing the videographer to place the microphone where the action is, the Nady 551 VR eliminates camcorder motor noises, ambient sound and unwanted environmental sounds such as wind or background noise. The 551 VR features a balanced audio output jack and a headset output.

The Nady 551 VR comes with a screw on rubber duck antenna, and is compatible with virtually all camcorders and video cameras. For the best in wireless audio, the clear choice for video professionals is the Nady 551 VR.



551 LT Lavalier Transmitter

551 VR Receiver

NADY 551 VR SYSTEM SPECIFICATIONS

OVERALL SYSTEM PERFORMANCE

Frequency Response: 25-20,000 Hz \pm 3dB
Dynamic Range: 120 dB (max SPL to A-weighted noise level)
Harmonic Distortion: < .3%
RF Carrier Frequencies: Two user selectable, factory installed channels, between 170-218 MHz on receiver; one channel on HT-10 ; two channels on 551 LT transmitter
Frequency Stability: \pm .005%, crystal controlled
Modulation: FM \pm 15 kHz
Operating Range: 200 feet adverse conditions, up to 1500 feet line of sight

NADY 551 VR TRANSMITTERS

Audio Input Impedance: Nady 551 LT: 10 K ohms with DC powering for any lavalier electret condenser microphone.
Nady HT-10 Handheld: optimally matched to Nady dynamic mic element or other element used.

Controls: Transmitter ON/OFF, Audio ON/OFF, Level Trim Adjust, Channel Select (LT Only)
Indicators: Low battery LED
RF Power Out: 50 mW (max allowed by FCC)
Harmonic and Spurious Emissions: < -40 dB
Battery: 9V alkaline
Battery Life: 16-20 hours

NADY 551 VR RECEIVER

Controls: Rotary volume control with ON/OFF switch, Channel selector, Mute adjust, Output level adjust
Audio Output: Low impedance balanced
Connectors: Balanced audio output, headphone out and DC power in—each has a 3.5 mm jack
Antenna: Screw on rubber duck antenna
Indicators: Low battery LED and Transmitter "TX" LED
Mute: Externally adjustable, 1 microvolt preset minimum
Unwanted Signal Rejection: 60 dB image and spurious
Power Requirements: One 9V alkaline battery

