

Audio Technica 300 Series VHF Wireless System (Model ATW0327)



PRODUCT DESCRIPTION

This wireless system offers easy operation and long-term dependability. Its advanced dipole antenna system extends the operating range to at least 200 ft. A versatile and powerful performance tool.

System Includes

Now includes GCW Guitar/Bass Cable at no extra charge! That's a \$15.95 value for FREE!

ATWR03 receiver

ATWT27 UniPak transmitter

Select a Wireless Essentials microphone or cable to complete the system (not included).

System Features

Versatile performance, easy operation, and long-term dependability

Advanced dipole antenna system extends operating range

InvisibleLink circuitry delivers optimum sound quality

Dual-power battery-save switches on transmitters

UniPak transmitter includes Super Hi-Z input that provides optimum load for guitar pickups

A Word about Audio-Technica

Audio-Technica has been dedicated to advancing the art and technology of electro-acoustic design and manufacturing since 1962. From a beginning in state-of-the-art phono cartridges, A-T has expanded over the years into high-performance headphones, microphones, mixers, and electronic products for home and professional use. In each new area the goal has been to create innovative, problem-solving products. The results of these engineering and production efforts can be seen in the effective use of A-T products in a broad spectrum of applications.

TECHNICAL DESCRIPTION

System Includes: ATWR03 Receiver and ATWT27 UniPak Transmitter.

Overall System

Operating Frequency: VHF band, 169 MHz to 207 MHz

Frequency Stability: $\pm 0.005\%$

Modulation Mode: FM

Maximum Deviation: ± 15 kHz

Operating Range: 200 ft. minimum

Operating Temperature Range: 40 $^{\circ}$ F (4 $^{\circ}$ C) to 110 $^{\circ}$ F (43 $^{\circ}$ C)

Frequency Response: 100 Hz to 15 kHz

ATW-R03 Receiver

Receiving System: Non-diversity single-channel dual antenna system

Image Rejection: 50 dB minimum

Signal-to-noise Ratio: 87 dB at 10 kHz deviation (IEC-weighted), maximum modulation: 15 kHz

Total Harmonic Distortion: $\leq 1\%$ (10 kHz deviation at 1 kHz)

Sensitivity: 10 μ V for 60 dB S/N (IEC-weighted)

Audio Output: 350 mV (1 kHz modulation, 10 kHz deviation, 1M ohm load)

Output Connector: 1/4 in. phone jack

Power Supply: 12V DC, 300 mA, with provided AC adapter

Dimensions (W x H x D): 4.33 x 1.38 x 8.27 in.

Net Weight: 10.2 oz.

Accessory Included: AD1203A AC adapter

ATW-T27 UniPak Transmitter

RF Power Output: 50 mW Max

Spurious Emissions: Under federal regulations

Dynamic Range: ≥ 90 dB

Input Connections: High impedance, low impedance, bias

Battery (not included): 9V (NEDA type 1604) alkaline

Current Consumption: 30 mA typical

Battery Life: Approximately 15 hours in High position, approximately 20 hours in Low position

Dimensions (W x H x D): 2.56 x 4.33 x 1.00 in.

Net Weight (without battery): 2.8 oz.