

AT-70Wa Wideband Transmitting & Receiving Omni-directional Antenna

Introduction

AT-70Wa is a bi-functional omni-directional antenna for professional receiving and transmitting applications. It is optimized for 470 – 1000 MHz, which is fully compatible with US and EU new telecom regulations. It has a 2 – 4 dBi gain which is ideal for any specific installation requiring full directionality. It can be easily distinguished by its new “W-Shape” appearance.

The AT-70Wa has two input connectors: “TX/RX” connector can be connected to a transmitter or receiver, however, connection to a short coaxial cable is recommended when connected to a receiver. “RX” connector (cannot be connected to a transmitter) has a built-in 0 – 12 ± 1 dB gain adjustable booster, and thus provides extended reception range and compensates the signal loss of coaxial cable to improve reception range and signal quality.

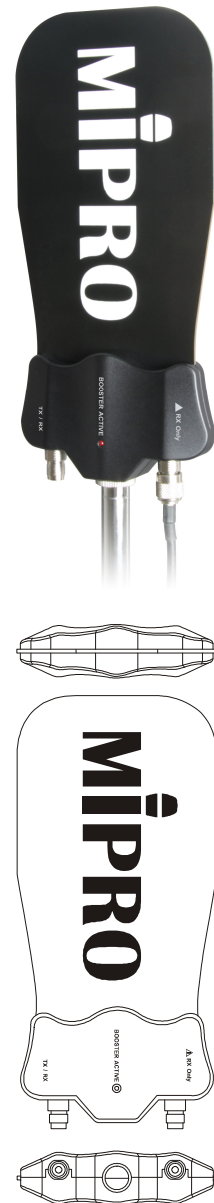
The AT-70Wa offers users the options of transmitting or receiving based on their actual application. The power of gain controllable booster can be provided by a MIPRO AD-708 antenna divider or any MIPRO ACT Series receivers which provides bias by adding an adjustor on their antenna connectors.

Accessories

MS-30	Tripod Microphone Stand
MS-90	Wall Mount

Technical Specifications

Frequency Range	UHF 470 – 1,000 MHz
Antenna Gain	2 – 4 dBi
Booster Gain	RX Connector: 0 – 12 ± 1 dB gain adjustable; TX/RX Connector: 0 dB
VSWR	< 2:1
Voltage Range of RX Connector	8 – 15 V DC
Power Consumption	RX Connector: 1.3 W / 8 V DC; TX Connector: 0 mW
Impedance	50 Ω
Connectors	TNC female × 2
Dimensions (W × H × D)	120 × 261 × 32 mm / 4.7 × 10.3 × 1.3"
Weight	Approx. 200 g / 7 oz



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