

ACT-747 1U Quad-Channel UHF Wideband Receiver

Key Features

- 1U metal chassis, equipped with a new VFD screen, monitor headphone jack, a rotary control knob and buttons, and optional Dante on the rear panel. The VFD screen has automatic bright or dim displays to identify "Working" and "Standby" mode. Operation and display mode is consistent with other series.
- Designed with MIPRO's most reliable 72 MHz wideband high dynamic RF receiving circuit.
- Advanced true diversity receiving ensures long-distance and stable reception without signal dropout.
- Industry's only "PilotTone & NoiseLock" circuits and the RF interference warning indicator for proper adjustments of the SQ level to avoid interference.
- MIPRO Auto Scan and ACT™ function provides the transmitter's frequency with precise and rapid sync to the receiver.
- There are 7 preset groups with a total of 224 pre-saved frequencies. Group 1 & 2 each allows 16 channels of interference-free operation without any restriction. Group 3 ~ 6 each allows 48 channels of interference-free operation with restriction applied. Group 7 user-defined group allows users to choose and save up to 16 channels from 2,881 available frequencies.
- Each channel has separate AF signal output and presets the output level equal to the sensitivity of the microphone capsule. Switchable three levels ensure the microphone to operate within proper sensitivity and dynamic range, free from distortion.
- The antenna TNC female connectors provide bias for the MIPRO antenna systems to increase the receiving range and improve the signal stability.
- Optional MIPRO RCS2.Net software allows real-time network remote-controlling and monitoring of up to 64 channels. Additional FSA compatible channels calculator software allows users to manually set compatible channels of any frequency band.
- External 100~240V AC switching power supply.
- Designed and made in Taiwan ensures high quality and value.



Transmitters & Microphones

ACT-70H	Wideband Handheld Transmitter
ACT-70HC	Rechargeable Wideband Handheld Transmitter
ACT-70T	Wideband Bodypack Transmitter
ACT-70TC	Rechargeable Wideband Bodypack Transmitter
ACT-700H	UHF Wideband Handheld Wireless Microphone
ACT-700T	UHF Wideband Bodypack Transmitter
BC-100T	Wireless Conference Microphone Base

Accessories

ACT-707SD	PC Management Software
AD-702	Antenna Auto Gain Controller
AD-708	Wideband 4-Channel Auto Gain-Control Antenna Divider
AT-20	UHF Ground Plane Antenna
AT-70W	Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W	Wideband Transmitting & Receiving Log Antenna
AT-100	Wideband Circularly Polarized Antenna
DANTE	Interface Module
FB-70	Front-to-Rear Antenna Kit
FB-72	Rack Mount Kit
FBC-71	Rear-to-Front Cables
MPC-100	Receivers Power Supply Storage Case
MTS-100	Digital Stationary Transmitter

Technical Specifications

Chassis	EIA-Standard 19" 1U metal chassis
Display	A newly designed color VFD
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Bandwidth	72 MHz
Receiving Mode	True diversity receiving
Sensitivity	6 dB μ V @ S/N > 80 dB
Frequency Response	50 Hz ~ 18 kHz
Dynamic Range	> 110 dBA
Audio Output	Balanced: +16dB / 0dB / -6dB, Unbalanced: +10dB / 0dB / -6dB
Monitor Output	Monitor headphone jack with volume control
Dante or AVB	Optional
PC Interface	USB interface. MIPRO ACT-BUS for remote-control of up to 64 channels. FSA compatible channels calculator software allows users to manually set compatible channels. (Sold separately)
Antenna	Detachable. 50 Ω TNC female connector provides bias for the MIPRO antenna systems.
Power Supply	External 100~240V AC switching power supply
Dimensions	420 x 44 x 230 mm (W x H x D)
Weight	Approx. 2.5 kg



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