

ACT-828 1U Dual-Channel UHF Wideband Digital Receiver

Key Features

- 1U metal chassis, equipped with a new VFD screen, monitor headphone jack, a rotary control knob and buttons on the control panel, also, a new AES/EBU digital output and optional Dante or AVB interface on the rear panel. Operation and display mode is consistent with other series.
- Upgrades the bandwidth to 72 MHz new circuit design for greatly improving the receiving range and increasing interference-free compatible channels.
- Digital diversity receiving ensures full-range sound quality will not worsen by distance.
- Proprietary 256-bit encryption prevents unauthorized listening.
- 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 channels. 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 proprietary DSP audio processor and A/D converter make the sound quality almost the same as the wired system.
- 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-800H	Wideband Digital Handheld Wireless Microphone
ACT-800T	Wideband Digital Bodypack Transmitter
ACT-80H	Wideband Digital Handheld Transmitter
ACT-80T	Wideband Digital Miniature Bodypack Transmitter
ACT-80HC	Rechargeable Wideband Digital Handheld Transmitter
ACT-80TC	Rechargeable Wideband Digital Miniature Bodypack Transmitter
BC-100DT	Digital 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
TA-80	UHF Digital Wireless Plug-on Transmitter Profile

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	Digital diversity receiving
Sensitivity	12 dB μ V @ S/N > 100 dB
Audio Processing	DSP audio processor eliminates the compander noise that exists in analog systems.
Frequency Response	20 Hz ~ 20 kHz (< -2 dB)
Dynamic Range	> 115 dBA
Latency	2.9 ms
Audio Output	AES / EBU digital interface. Analog balanced output, +16 dB / 0dB / -6 dB switchable.
EQ	Presets 10 digital audio and anti-feedback EQ
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. 2.1 kg



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