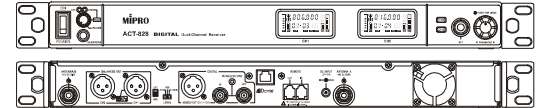


# ACT-828 Wideband Dual-Channel Digital Receiver

## Key Features

- EIA standard rack-mountable receiver with metal chassis for excellent heat dissipation and RF shielding.
- A full-color VFD. Quick and easy system setup via a single rotary control knob.
- Enhanced RF circuitry improves anti-interference characteristics and system compatibility.
- New digital diversity receiving technology. Full-range sound quality is not affected by the strength of RF signals or operating distance.
- Proprietary DSP audio processor and A/D converter.
- Proprietary 256-bit encryption prevents unauthorized listening.
- The built-in SmartEQ™ microphone capsule equalization presets suit artists' preferences.
- The built-in digital anti-feedback SmartEQ™ presets for minimizing feedback.
- Optional MIPRO RCS2.Net software allows real-time network remote-controlling and monitoring of up to 64 channels.
- Optional Dante interface.



## Transmitters & Microphones

<b>ACT-80H</b>	Wideband Digital Handheld Transmitter
<b>ACT-80T</b>	Wideband Digital Miniature Bodypack Transmitter
<b>ACT-80HC</b>	Rechargeable Wideband Digital Handheld Transmitter
<b>ACT-80TC</b>	Rechargeable Wideband Digital Miniature Bodypack Transmitter
<b>TA-80</b>	Digital Wireless Plug-on Transmitter
<b>BC-100DT</b>	Digital Wireless Conference Microphone Base

## Accessories

<b>ACT-707SD</b>	Receivers PC Management Software
<b>AD-708</b>	Wideband 4-Channel Auto Gain-Control Antenna Divider
<b>AT-70</b>	Ground Plane Antenna
<b>AT-70W</b>	Wideband Transmitting & Receiving Omni-directional Antenna
<b>AT-90W</b>	Wideband Transmitting & Receiving Log Antenna
<b>AT-100</b>	Wideband Circularly Polarized Antenna
<b>FB-72</b>	Rack Mount Kit
<b>FBC-71</b>	Rear-to-Front Cables

## Technical Specifications

Chassis / Channel	EIA Standard 19" 1U, Dual
Display	A color VFD
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Bandwidth	72 MHz
Receiving Mode	New Digital diversity
Sensitivity	12 dB $\mu$ V
Spurious Rejection	> 85 dB
Audio Compression	Proprietary DSP audio processor eliminates the compander noise exists in analog systems.
Audio Sampling	24-bit / 44.1 kHz
Frequency Response	20 Hz ~ 20 kHz (<-2 dB)
Dynamic Range	> 115 dB (A)
Latency	2.7 ms
Analog Audio Output	Balanced, +16 dB / 0dB / -6 dB switchable
Digital Audio Output	AES / EBU digital interface
EQ	Presets 10 digital audio EQ and anti-feedback EQ
Monitor Output	Headphone monitor connector with volume control
Dante Interface	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.
Antenna	Detachable. 50 $\Omega$ TNC female connector provides bias for the MIPRO antenna systems.
Power Supply	External 100~240V AC switching power supply
Dimensions	420 × 44 × 230 mm (W × H × D)
Net Weight	Approx. 2.1 kg



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