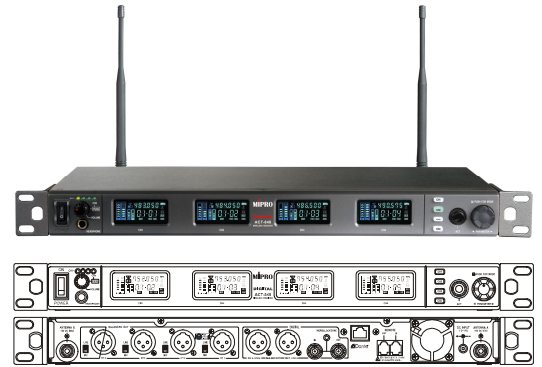


# ACT-848 Wideband Quad-Channel Digital Receiver

## 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.
- 10 built-in SmartEQ™ microphone capsule equalization presets suit artists' preferences.
- 10 built-in digital anti-feedback SmartEQ™ presets for minimizing feedback.
- Optional MIPRO RCS2.Net software allows real-time network remote-controlling and monitoring of 64 systems.
- 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   AT-70Wa</b>	Wideband Transmitting & Receiving Omni-directional Antenna
<b>AT-90W   AT-90Wa</b>	Wideband Transmitting & Receiving Log Antenna
<b>AT-100   AT-100a</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, Quad
Frequency Range	UHF 480 – 960 MHz (country dependent)
Bandwidth	64 MHz
Channel Grid	25 kHz
Channel Set-up	Scan & ACT sync
Audio Sampling	24-bit / 44.1 kHz Rate
Audio Frequency Response	20 Hz – 20 kHz
Encryption	256 bits
Audio Compression	2nd generation DSP inertial coding
Latency	2.7 ms
S/N Ratio (analog output)	> 115 dB(A)
T.H.D.	< 0.03% @ 1 kHz
Sensitivity	12 dBµV at S/N = 118 dBA (D)
Image & Spurious Rejection	> 85 dB
Receiving Mode	Digital Diversity
Audio Output	2 × Balanced XLR, 2 × Unbalanced 6.3 mm (1/4 ")
Analog Output Switch	2 × Mic / Line
Audio Interface	AES digital output, analog transmission
Digital Equalizer	10 built-in SmartEQ™ & 10 built-in digital anti-feedback SmartEQ™
Monitor Output	Headphone monitor connector
Dante Interface	Optional
PC Interface	USB or RS-232 interface. Proprietary MIPRO ACT-BUS
Display	Full-color VFD
Battery Meter	Transmitter battery status
Antenna Input	2 × 50Ω TNC Female Connector
Power Supply	External adaptor
Dimensions (W × H × D)	420 × 44 × 245 mm   16.5 × 1.7 × 9.6 "
Weight	Approx. 2.6 kg   5.7 lbs
Operating Temperature	-10 – +60°C



## MIPRO Electronics Co., Ltd

Headquarters: 814 Pei-kang Road, Chiayi, 60096, Taiwan  
Tel: +886.5.238.0809 | Fax: +886.5.238.0803  
www.mipro.com.tw | mipro@mipro.com.tw