

ACT-82

Dual-Channel Encrypted Digital Diversity Receiver



Front Panel

Rear Panel

The ACT-82 receiver is an EIA standard 19" 1RU design receiver. Featuring revolutionary encrypted digital wireless microphone technology to prevent unauthorized listening in facilities where security is a must. It has an impressive list of innovative and user-friendly features.

Key Features

- Industry's first full-color VFD (vacuum fluorescent display), easily readable from a distance in day or night environments.
- 24-bit audio quality and digital RF transmission.
- Proprietary 128-bit encryption (switchable) guarantees secure audio transmission, preventing unauthorized listening.
- DigitnamicPlus™ technology eliminates compander noise assuring the original sound quality is maintained.
- Built-in user-defined microphone capsule equalization enables characteristics to be modified to suit individual preferences.
- Enhanced RF filter and circuitry improve anti-interference characteristics, increasing system compatibility.
- Digital transmission offers better resistance to interference.
- Wordclock in/out with activity indicator ensures correct synchronization with other digital equipment
- Features MIPRO's patented industry standard 1-touch AutoScan and ACT™ technology for easy, fast channel setup.
- Ideal for studio, stage and music performances as well as military, courtroom, conference, boardroom and broadcast applications ~ anywhere audio security and accurate, distortion-free reproduction of the full sound spectrum are required.

UHF Wireless

- **ACT-8H** Handheld Transmitter Microphone
- **ACT-8T** Body-pack Transmitter
- **MU-53L/53LS** Uni-directional Lavalier Microphone
- **MU-55L/55LS** Omni-directional Lavalier Microphone
- **MU-53HN/53HNS** Uni-directional Headset Microphone
- **MU-55HN/55HNS** Omni-directional Headset Microphone
- **MU-210** Uni-directional Headset Mic
- **MU-23** Omni-directional Headset Mic
- **MU-13** Omni Headset Mic (single-sided)

Accessories

- **AT-70** Extension Antenna
- **AT-90W (New)** Active Wideband Antenna
- **AD-707a (New)** 4-Channel Antenna Divider
- **MP-8** Intelligent Battery Charger
- **MP-88** Portable 8-Slot Battery Charger
- **ACT-8H-BAT** Detachable Battery Pack for ACT-8H
- **ACT-8T-BAT** Detachable Battery Pack for ACT-8T
- **RH-88** Colored Caps for ACT-8H Handheld

Specifications

RF Frequency Range:	UHF 614~870 MHz
Bandwidth:	24 MHz
Metal Housing:	EIA standard 19" 1RU
Frequency Set-up:	AutoScan & ACT functions
Audio Sampling spec:	24-bit/44.1 KHz Rate
Audio Compression:	Combiner DSP technology
Latency:	< 4ms
Audio Frequency Range:	20Hz~20KHz -2dB
Audio Dynamic Range:	110dB(A) Typical.
T.H.D.:	≤ 0.03 % at 1KHz
Sensitivity:	12dBμV at S/N ≥ 106dB (A)
Channel Grid:	25KHz
Image and Spurious Rejection:	>85dB
Diversity Technique:	Digital Diversity
Power Requirements:	100~240VAC/ 11~13 VDC
Operating Temperature Range:	-10°~60°C (14°~140°F)
Dimensions:	420(W) x 44(H) x 250(D) mm 16.5(W) x 1.7(H) x 9.8(D) "
Weight:	2.7 kg / 5.9 lbs

Specifications subject to change without notice

