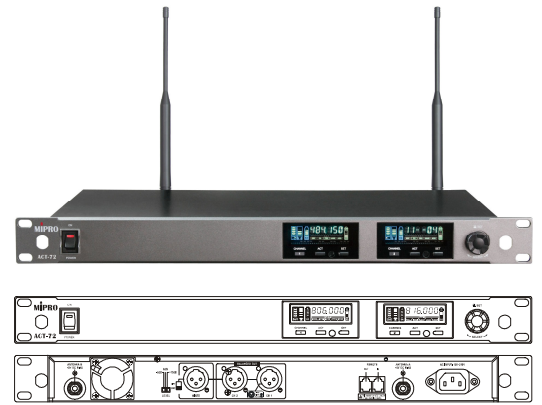


# ACT-72 Wideband Dual-Channel True Diversity Receiver

## Key Features

- EIA standard 1U rack-mountable metal chassis with excellent heat dissipation & RF shielding characteristics.
- UHF PLL-synthesized technology for enhanced RF stability, lowered spurious emissions and increased frequency agility.
- 400 preset channels with 1-set of user-defined group that saves up to 16 channels.
- Industry's first ACT syncs automatically and quickly a working channel.
- Dual "PilotTone & NoiseLock" circuits minimize interference.
- Industry's only full-color VFD screen delivers a bright, clear viewing in day/night environments with automatic lit (Working) and dim (Standby) display during performance.
- All controls are intuitive and easily setup via a single rotary knob.
- Industry's only RF interference warning indicator for properly adjusts the SQ level. Increase sensitivity to extend receiving range; decrease the sensitivity to reduce interference.
- Single channel output or mixed output and switchable three levels for the best sound quality options.
- High dynamic range and high fidelity characteristics for transparent audio performance.
- Receiver provides bias voltage for MIPRO antenna systems to enhance reception range and signal stability.
- MIPRO RCS.Net software allows real-time computer set up, control and monitoring.
- Built-in 100 – 240V AC switching power supply ensures system safety and stability.
- Design and made in Taiwan.



## Transmitters & Microphones

<b>ACT-70H</b>	Wideband Handheld Transmitter
<b>ACT-70HC</b>	Rechargeable Wideband Handheld Transmitter
<b>ACT-70T</b>	Wideband Bodypack Transmitter
<b>ACT-70TC</b>	Rechargeable Wideband Bodypack Transmitter

## Accessories

<b>ACT-707SD</b>	Receivers PC Management Software
<b>AD-707a</b>	UHF Wideband 4-Channel Antenna Divider
<b>AT-70</b>	UHF Ground Plane Antenna
<b>AT-70B</b>	UHF Antenna Signal Booster
<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>FBC-71</b>	Rear-to-Front Cables

## Technical Specifications

Channel	Dual
Chassis	EIA standard 19" 1U
Frequency Range	UHF 482 – 698 MHz (US), UHF 480 – 874 MHz (EU)
Bandwidth	72 MHz
Preset Channels	400 preset channels Group 01 – 10: 16 compatible channels in each group Group 11 – 15: 48 compatible channels in each group Group 16: 16 channels can be saved & recalled (user-defined)
Receiving Mode	True diversity
Oscillation Mode	PLL synthesized
Sensitivity	6 dB $\mu$ V at S/N > 80 dB
S/N Ratio	> 108 dB(A)
T.H.D.	< 0.5% @ 1 kHz
Frequency Response	50 Hz – 18 kHz, with high-pass filter
Squelch	"PilotTone & NoiseLock" dual-squelch circuit
Audio Output Adjustment	Output level accurately pre-adjusted to equal to the microphone capsule sensitivity.
Max. Output Level	+16dBV / 0dBV / -6dBV
Output Connector	Balanced XLR
Output Switch	Single channel output or mixed output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100 – 240 AC switching power
Power Consumption	15 W
Dimensions (W × H × D)	482 × 44 × 265 mm / 19 × 1.7 × 10.5 "
Net Weight	Approx. 3.0 kg / 6.6 lbs



## 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