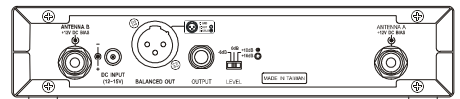
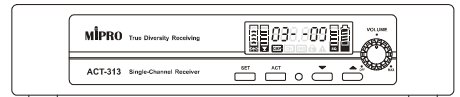


# ACT-313 Single-Channel True Diversity Receiver

## Key Features

- Use the original ACT-3 Series EIA standard rack-mountable receiver metal case to equip with a green backlit LCD screen and electronic buttons on the front panel. The LCD screen has automatic bright or dim displays during performances to identify “Working” and “Standby” mode.
- The most reliable 24MHz narrowband high dynamic range receiving circuit greatly decreases intermodulation distortion and increases interference-free compatible channels.
- Advanced true diversity receiving ensures long-distance and stable reception without signal dropout.
- Industry’s only “PiloTone & NoiseLock” circuits and the RF interference warning indicator for proper adjustments of the SQ level to avoid interference.
- 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 80 pre-saved frequencies. Group 1 & 2 each allows 8 channels of interference-free operation without any restriction. Group 3 ~ 6 each allows 16 channels of interference-free operation with restriction applied. Group 7 user-defined group allows users to choose 8 working channels from 961 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 antenna TNC female connectors provide bias for the MIPRO antenna systems to increase the receiving range and improve the signal stability.
- External 100~240V AC switching power supply ensures the system’s stable performance.
- Designed and made in Taiwan ensures high quality and value.



## Transmitters

|                 |                                   |
|-----------------|-----------------------------------|
| <b>ACT-32H</b>  | Handheld Transmitter              |
| <b>ACT-32HC</b> | Rechargeable Handheld Transmitter |
| <b>ACT-32T</b>  | Bodypack Transmitter              |
| <b>ACT-32TC</b> | Rechargeable Bodypack Transmitter |

## Accessories

|               |  |
|---------------|--|
| <b>AD-708</b> | Wideband 4-Channel Auto Gain-Control Antenna Divider       |
| <b>AT-70</b>  | UHF 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-71</b>  | Rack Mount Kit   |
| <b>FB-72</b>  | Rack Mount Kit   |
| <b>FBC-71</b> | Rear-to-Front Cables                                       |

## Technical Specifications

|                    |   |
|--------------------|---|
| Chassis            | EIA-Standard 1/2U metal chassis   |
| Display            | Green backlit LCD   |
| Frequency Range    | UHF 480~934 MHz (country dependent)   |
| Bandwidth          | 24 MHz  |
| Receiving Mode     | True Diversity  |
| Sensitivity        | 10 dB $\mu$ V @ S/N > 80 dB   |
| Frequency Response | 50 Hz ~ 18 kHz  |
| S/N Ratio          | > 110 dBA   |
| Audio Output       | Balanced: +16dB / 0dB / -6dB, Unbalanced: +10dB / 0dB / -6dB                              |
| Antenna            | Detachable. 50 $\Omega$ TNC female connector provides bias for the MIPRO antenna systems. |
| Power Supply       | External 100~240V AC switching power supply   |
| Dimensions         | 210 x 44 x 180 mm (W x H x D)   |
| Net Weight         | 0.8 kg  |



## 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