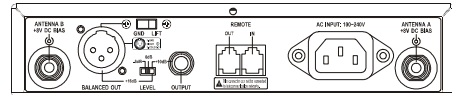
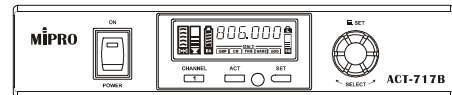


# ACT-717B Narrowband Dual-Channel True Diversity Receiver

## Key Features

- EIA standard 1U rack-mountable metal receiver.
- UHF PLL synthesized circuit ensures high stability and low spurious emissions.
- Enhanced RF circuitry greatly reduces interference and intermodulation.
- MIPRO's 3rd generation advanced RF and IF circuitry to improve anti-interference characteristics and increase the number of interference-free channels available.
- Auto Scan function allows quick search for an interference-free working channel from 104 preset channels under 10 groups.
- World's first ACT™ function provides precise and rapid frequency sync to the transmitters.
- True diversity receiving for best reception quality. Dual "PiloTone & NoiseLock" circuits minimize interference.
- Industry's only full-color VFD screen delivers a bright, clear viewing in day or night environments with automatic bright (working) and dim (standby) displays during performance.
- All controls are intuitive and easily set up via a single rotary knob.
- Industry's only RF interference warning indicator for proper adjustments of the SQ level. Increase sensitivity to extend receiving range; decrease the sensitivity to reduce interference.
- Single channel or mixed output, switchable between three output 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 setup, control and monitoring.
- Built-in 100 – 240V AC switching power supply ensures system safety and stability.



## Transmitters & Microphones

|                 |  |
|-----------------|--|
| <b>ACT-72H</b>  | Narrowband Handheld Transmitter              |
| <b>ACT-72HC</b> | Rechargeable Narrowband Handheld Transmitter |
| <b>ACT-72T</b>  | Narrowband Bodypack Transmitter              |
| <b>ACT-72TC</b> | Rechargeable Narrowband Bodypack Transmitter |

## Accessories

|                  |  |
|------------------|--|
| <b>ACT-707SD</b> | Receivers PC Management Software                           |
| <b>AD-707a</b>   | UHF Wideband 4-Channel Antenna Divider                     |
| <b>AD-708</b>    | Wideband 4-Channel Auto Gain-Control Antenna Divider       |
| <b>AT-70</b>     | Ground Plane Antenna                                       |
| <b>AT-70Wa</b>   | Wideband Transmitting & Receiving Omni-directional Antenna |
| <b>AT-90Wa</b>   | Wideband Transmitting & Receiving Log Antenna              |
| <b>AT-100a</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

|                        |   |
|------------------------|---|
| Frequency Range        | UHF 480 – 934 MHz   |
| Bandwidth              | 24 MHz  |
| Preset Frequency       | 104 preset channels.<br>Group 1 – 6: 8 compatible channels in each group<br>Group 7 – 8: 12 compatible channels in each group<br>Group 9 – 10: 16 compatible channels in each group |
| Receiving Mode         | True diversity  |
| Receiving Antenna      | Rear Panel. Detachable.   |
| Oscillation Mode       | PLL Synthesized   |
| Stability              | ≤ ±0.005% (-10 - +60°C)   |
| Sensitivity            | 6 dBμV at S/N > 80 dB   |
| S/N Ratio              | > 105 dB(A)   |
| T.H.D.                 | < 0.5% @ 1 kHz  |
| Frequency Response     | 50Hz - 18kHz, with high-pass filter   |
| Squelch                | "PiloTone & NoiseLock" dual-squelch circuit   |
| Audio Output           | Output level accurately pre-adjusted to equal to the microphone capsule sensitivity.  |
| Max. Output Level      | Balanced: +16dBV / 0dBV / -6dBV;<br>Unbalanced: +10dBV / 0dBV / -6dBV   |
| Output Connector       | Balanced XLR & Unbalanced 6.3 mm (1/4 ")  |
| Output Switch          | Single channel output   |
| Operation              | Manual or PC remote control via optional software   |
| Power Supply           | Built-in 100 – 240 AC switching power   |
| Power Consumption      | 8 W   |
| Dimensions (W × H × D) | 210 × 44 × 230 mm / 8.3 × 1.7 × 9 "   |
| Net Weight             | Approx. 1.4 kg / 3.1 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