

# ACT-312B Dual-Channel Diversity Receiver

## Key Features

- CPU-controlled diversity receiving. "PiloTone & NoiseLock" dual-squelch circuit eliminates signal drop-out and minimizes interference.
- All controls are intuitive and easily operated via electronic buttons to prevent accidental operation.
- 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.
- Auto Scan function allows quick search for an interference-free working channel. World's first ACT™ function provides precise and rapid frequency sync to the transmitters.
- Output level is pre-adjusted to equal the microphone capsule's sensitivity. Switchable output levels for the best sound quality options.
- Receiver provides bias voltage for MIPRO antenna systems to enhance reception range and signal stability.

## Transmitters

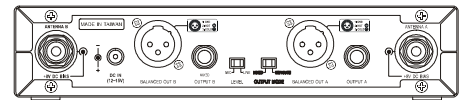
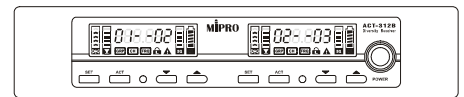
<b>ACT-33H</b>	Handheld Transmitter
<b>ACT-32H</b>	Handheld Transmitter
<b>ACT-32HC</b>	Rechargeable Handheld Transmitter
<b>ACT-32T</b>	Bodypack Transmitter
<b>ACT-32TC</b>	Rechargeable Bodypack Transmitter

## Accessories

<b>AD-708</b>	Wideband 4-Channel Auto Gain-Control Antenna Divider
<b>AT-70</b>	UHF Ground Plane Antenna
<b>AT-70W / 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-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	112 preset channels.
	Group 1-6: 8 compatible channels in each group.
	Group 7-10: 16 compatible channels in each group.
Receiving Mode	Diversity
	Diversity
Receiving Antenna	Rear Panel. Detachable.
Oscillation Mode	PLL Synthesized
Stability	≤ ±0.005% (-10 - +60°C)
Sensitivity	10 dBμV at S/N > 80 dB
S/N Ratio	> 106 dB(A)
T.H.D.	< 0.5% @ 1 kHz
Frequency Response	50 Hz – 18 kHz
Squelch	"PiloTone & NoiseLock" dual-squelch circuit
Max. Output Level	Balanced: +16 dBV / 0 dBV ; Unbalanced: +10 dBV / 0 dBV
Power Supply	12 – 15 V DC, 1A
Power Consumption	3 W
Dimensions (W × H × D)	210 × 44 × 180 mm   8.3 x 1.7 x 7.1 "
Weight	Approx. 0.95 kg   2.1 lbs



# ACT-32H Handheld Transmitter

## Key Features

- Innovatively designed metal housing in MIPRO's distinctive aesthetic and ergonomic style.
- Interchangeable capsule module with premium condenser or dynamic options for easy and fast changeovers. The unique multi-layered metal grille protects the capsule against impact, rolling and pop noise, ensuring clarity of sound. The upper grille is easy to detach for cleaning and hygiene practice.
- Patented capsule suspension design virtually eliminates vibration and handling noises.
- Built-in high-efficiency antenna.
- Backlit LCD displays all operational parameter information.
- World's first ACT™ function provides precise and rapid frequency sync to the receiver.



## Microphone Capsules

<b>MU-39</b>	Dynamic Capsule
<b>MU-59</b>	Professional Dynamic Capsule
<b>MU-70</b>	Condenser Capsule
<b>MU-80</b>	Condenser Capsule
<b>MU-90</b>	Condenser Capsule

## Accessories

<b>MS-20</b>	Desktop Microphone Tripod
<b>MD-20</b>	Handheld Transmitter Microphone Holder
<b>RH-77a</b>	Multi-Colored Rings
<b>SW-20</b>	Foam Windscreens

## Technical Specifications

Frequency Range	UHF 480 – 934 MHz
Bandwidth	24 MHz
Oscillation Mode	PLL Synthesized
Channel Set-Up	ACT Sync
RF Output Power	10 ~ 30mW (country dependent)
Deviation	< ± 40 kHz
Spurious Emissions	< -55 dBc
LCD Display	Group, Channel, Battery status & error codes
Max. SPL	140 dB SPL
Battery Type	2 × AA alkaline
Operating Time	Min. 12 hours (Low Power)
Current Consumption	Approx. 92 mA
Dimensions (Ø × L)	51 × 234 mm   2 × 9.2 "
Net Weight	Approx. 251 g   8.9 oz

