

ACT 3 Series



ACT-311B Single Channel Receiver



ACT-312B Dual Channel Receiver

The innovative ACT 3 Series wireless microphone systems are a culmination of years of extensive design and manufacturing experience. No wiring and adjustment required as PCB, LCD and front panel are integrated. Featuring 1/2U receivers of single-channel ACT-311B & dual-channel ACT-312B and 1U receivers of single-channel ACT-300.

EIA standard 19" rack-mountable metal chassis is used instead of cheap plastics. Featuring backlit LCD instead LED display for ease of use and professional appearance. PLL-synthesized technology for RF stability.

ACT-3 Series receivers are compatible with ACT-32H handheld and ACT-32T bodypack powered by AA batteries, ACT-32HC handheld, ACT-32TC bodypack and ACT-22T miniature transmitters powered by one rechargeable lithium battery. They offer the most economical alternative to stage, karaoke and PA applications.

Design and made in Taiwan. Advanced features and functions make it ideal for professional applications with affordable prices.

Key Features:

- CPU 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.

Specifications:

Channel	Single
Chassis	EIA Standard 19 " 1/2U metal chassis
Display	Green backlit LCD with automatic bright (working) and dim (standby) displays during performance.
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Bandwidth	24 MHz
Deviation	< ± 40 kHz
Sensitivity	10 dB μ V 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
Audio Output	Balanced XLR & Unbalanced 6.3 mm (1/4 ")
Max. Output Level	Balanced: +16 dBV / 0 dBV ; Unbalanced: +10 dBV / 0 dBV
Power Supply	12 ~ 15 V DC, 1A
Dimensions (W × H × D)	210 × 44 × 180 mm
Net Weight	Approx. 0.8 kg



ACT-32H Handheld Transmitter

The MIPRO ACT-32H handheld transmitter packs top-shelf electronics into an extremely rugged, ergonomically designed ABS housing with a multilayered steel grille that delivers sonic clarity and protects the capsule against impact and plosives. The ACT-32H's premium true condenser microphone capsule gives you high-fidelity capture, quick transients, and wide dynamic range and frequency response. A lockable, silent on/off switch and easy-to-read LCD display make the MIPRO ACT-32H very easy to use.

- Innovatively designed 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 exterior grille is made with multi-layered metal mesh.
- Patented capsule suspension design virtually eliminates vibration and handling noises.
- The high-efficiency antenna is inside the housing.

Specifications:

Housing	Black-color rugged plastic housing
Display	LCD displays all operational parameter information.
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Bandwidth	24 MHz
RF Output Power	10 ~ 30 mW (country dependent)
Deviation	< ± 40 kHz
Spurious Emissions	< -55 dBc
Gain	0 dB = input microphone sensitivity. High-fidelity modulation circuit sustains high SPL without distortion.
Dimensions (Ø × L)	51 × 234 mm
Net Weight	Approx. 251 g
Battery	2 × AA alkaline
Operating Time	Min. 12 hours



ACT-32T Bodypack Transmitter

- Lightweight, compact size with sturdy plastic housing.
- On the top features mute switch, mini-XLR connector and antenna.
- Backlit LCD displays various parameters and status.
- Innovatively designed battery cover allows easy access to operate buttons and prevents accidental operation.
- Mute button with remote-control jack for easy activation of mute function.
- Stable PLL circuits. Automatically synchronized with the receiver's frequency by MIPRO's patented ACT™ function.
- Can directly match to high-low input impedance for microphone or guitar without switching.
- Mini-XLR input with secure screw lock connector for lavalier / headworn mics and guitar.
- Adjustable belt clip allows wearing transmitter in up or down position.
- High-efficiency circuitry design provides 12 ~ 14 hours of operation from 2 AA batteries (depending on the battery quality).

Frequency Range	UHF 480 ~ 934 MHz
Bandwidth	24 MHz
Oscillation Mode	PLL Synthesized
Channel Set-Up	ACT Sync
RF Output Power	10 mW / 30 mW (country dependent)
Deviation	< ± 40 kHz
Spurious Emissions	≤ -55 dBc
Max. Input Level	0 dBV
Mute Connector	Optional MJ-70 remote mute switch
Battery Type	2 × AA alkaline
Operating Time	Min. 12 hours
Dimensions (W × H × D)	63 × 82 × 22 mm
Net Weight	Approx. 83 g



ACT-32HC Rechargeable Handheld Transmitter

- Innovatively designed 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 exterior grille is made with multi-layered metal mesh.
- Patented capsule suspension design virtually eliminates vibration and handling noises.
- The high-efficiency antenna is inside the housing.



ACT-32TC Rechargeable Bodypack Transmitter

- Lightweight, compact size.
- On the top features antenna, mute switch, and mini-XLR connector.
- Backlit LCD displays all operational parameter information.
- Innovatively designed battery cover allows easy access to operate buttons and prevents accidental operation.
- Mute button with remote-control jack for easy activation of mute function.
- Can directly match to high-low input impedance for microphone or guitar without switching. Six selectable gain settings and built-in level limiter prevents distortion at the maximum input level.
- Mini-XLR input with secure screw lock connector for lavalier / headworn mics and guitar.
- Adjustable belt clip allows wearing transmitter in up or down position.

Specifications:

Housing	Black-color rugged plastic housing
Display	LED indicator for battery status.
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Bandwidth	24 MHz
RF Output Power	10 ~ 30 mW (country dependent)
Deviation	< ± 40 kHz
Spurious Emissions	< -55 dBc
Gain	0 dB = input microphone sensitivity. High-fidelity modulation circuit sustains high SPL without distortion.
Dimensions (Ø × L)	51 × 250 mm
Net Weight	Approx. 251 g
Battery	1 × ICR-18500 rechargeable lithium battery
Operating Time	Min. 13 hours
Charger	MP-80 / MP-20

Frequency Range	UHF 480 ~ 934 MHz
Bandwidth	24 MHz
Oscillation Mode	PLL Synthesized
Channel Set-Up	ACT Sync
RF Output Power	10 mW / 30 mW (country dependent)
Deviation	< ± 40 kHz
Spurious Emissions	≤ -55 dBc
Max. Input Level	0 dBV
Mute Connector	Optional MJ-70 remote mute switch
Battery Type	1 ICR-18500 rechargeable lithium battery
Operating Time	Min. 13 hours
Dimensions (W × H × D)	63 × 70 × 25 mm
Net Weight	Approx. 76 g

MP-80 3-in-1 Transmitter Charger Station

The MP-80 is a new generation of charging station designed exclusively for MIPRO rechargeable transmitters. Each station has two charging slots. Each slot has a 3-in-1 charging design, enabling multiple charging options:

- Two handheld transmitters
- Two bodypack transmitters
- Two ICR18500 lithium batteries
- One handheld & one bodypack transmitter
- One handheld transmitter & one ICR18500
- One bodypack transmitter & one ICR18500



Each station also provides two storage slots for 2 spare ICR18500 lithium batteries. Precise charging status with red (charging) & green (charged) indicators for easy reading by the users. Multiple charging stations can be easily connected for more charging options.

MB-5

3.7 V / 1.5 AH Li-on battery for Handheld, Bodypack, Instrument Transmitters

