

ACT 7 Series



ACT-71

Single Channel Receiver



ACT-72

Dual Channel Receiver



ACT-74

Quad Channel Receiver

ACT 7 Series is developed to meets the changes in European and American telecom regulations and approvals. Both receivers and transmitters are expanded to 72 MHz.

Featuring latest wireless features and functions such as excellent multi-channel systems compatibility and RF stability. Moreover, the handheld microphone transmitter fitted with the latest true condenser microphone capsule (TCM) and dynamic microphone capsule for unsurpassed audio quality.

Matching Transmitters: ACT-70H Handheld Transmitter and ACT-70T Bodypack Transmitter

Features:

- EIA standard 1/2U 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.

Specifications:

Channel	Single / Dual / Quad
Chassis	EIA standard 19" 1/2U
Display	Color VFD displays Frequency, Frequency Code, RF & Audio Meters, Transmitter Battery Meter, Diversity Signals, Interference Warning Indicator. Programmable User Name, Group, Channel, Squelch Meter, PC Address and Lock Status.
Frequency Range	UHF 482~698MHz (US) / UHF 482~790MHz (EU)
Bandwidth	72MHz
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	6dBuV, at S/N>80dB
S/N Ratio	>108dB(A)
T.H.D.	<0.5% @ 1kHz
Frequency Response	50Hz~18kHz, 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.
Maximum Output Level	Balanced: +16dBV / 0dBV / -6dB; Unbalanced: +10dBV / 0dBV / -6dB
Output Connectors	Balanced XLR & Unbalanced 6.3mm(1/4") / Balanced XLR
Output Switch	Single channel output / Single channel output or mixed output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100~240V AC Switching Power Supply
Dimensions	210(W) × 44(H) × 230(D) mm / 482(W) × 44(H) × 265(D) mm
Weight	Approximate 1.4kg / 3.0kg / 3.4kg
Notes	Refer to actual product in the event of product discrepancy. Frequency range and peak deviation comply with the regulations of different countries.

Total Electronic Contracting

● Sales ● Installation ● Hire ● Service ●

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ACT-70H Handheld Transmitter

- Innovatively designed metal housing in MIPRO's aesthetics and ergonomic style.
- Basic black color with other custom-made colors options.
- Patented design of the integrated grille and battery housing make it easy to unscrew the grille to open the battery compartment and install 2 AA batteries.
- 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 and ensures sound clarity.
- Backlit LCD displays each operational info.
- Expanded to 72 MHz bandwidth for compatibility with ACT-71/72/74 receivers.
- Five selectable gain settings with microphone input sensitivity of 0 dB level.
- Switchable Manual / Disable audio mute options.
- Switchable High / Low power options.
- The bottom housing with built-in high-efficiency antenna features power switch, mute and setup buttons for programmable gain, limiter, low cut and RF output power.
- Patented end-cap cover with color-coded channel identification clips. Detach the end-cap cover for parameters set-up. Reversible end-cap allows shielding of power on/off or mute switches during performance.



ACT-70T Bodypack Transmitter

- Stable PLL circuit. Synchronized with the receiver's frequency by MIPRO's patented ACT™ function automatically.
- Expanded to 72 MHz bandwidth for compatibility with ACT-71/72/74 receivers.
- Industry's smallest bodypack transmitter with sturdy magnesium alloy housing for 2 AA batteries.
- Antenna, mute button and XLR input connector are located on the top of transmitter.
- Backlit LCD displays group, channel, frequency, AF input gain, RF output power, mute, battery status, lock and error codes.
- Innovatively designed battery cover allows easy access to operate buttons and prevents accidental operation.
- Built-in mute button and remote-control jack options for easy mute activation.
- Can be directly matched to high-low input impedance for microphone and guitar without switching and the input sensitivity is adjustable.
- Six selectable gain settings.
- Mini-XLR input connector for quick-lock or screw-lock with lavalier or headworn microphones and guitar.
- Adjustable belt clip allows wearing transmitter in up or down position.

Specifications:

Housing	Metal	Magnesium Alloy
Frequency Range	US Band: UHF 482~698MHz EU Band: UHF 482~790MHz	
Oscillation Mode	PLL Synthesized	
Bandwidth	72MHz	
Channel Set-Up	ACT Sync	
RF Output Power	10mW/50mW (switchable)	
Spurious Emissions	<-55dBc	
Max. Input Level	0dBV	
Gain Setting	+6dB, +3dB, 0dB, -3dB, -6dB (5 settings). 0dB= MU-89 microphone sensitivity	+12dB, +6dB, 0dB, -6dB, -12dB, -18dB (6 settings). 0dB= input microphone sensitivity
Mute Connector	Optional MJ-70 remote mute switch	
Battery	2 AA alkaline	
Dimensions	50(Ø)×258(L)mm	63(W)×70(H)×25(D)mm
Weight	Approx. 292g (excluding batteries)	Approx. 78g (excluding batteries)
Patents & Approvals	Patented. Telecom and safety regulations approved.	
Notes	Refer to actual product in the event of product discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	



ACT-7H Handheld Transmitter

- Rugged, ergonomically designed magnesium alloy housing.
- Standard cardioid condenser microphone capsule provides high fidelity, wide frequency response, high dynamic range, rapid transient response, clarity and accurate sound reproduction.
- ACT™ syncs the transmitter and receiver frequency automatically.
- Extremely low handling noise.
- Hardened steel grille resists wear and abuse.
- Built-in foam reduces pop, breath and wind noise.
- Pilotone squelch for interference-free operation.
- Silent on/off switch.
- 4-segment battery status meter.
- LCD displays group, channel & error message code.
- 20-hour battery life per 2 'AA' alkaline batteries.
- 100m(330ft.) operating range.
- 100% made in Taiwan.



ACT-7T Bodypack Transmitter

- Sturdy, compact magnesium alloy housing.
- ACT™ syncs the transmitter and receiver frequency automatically.
- Pilotone squelch for interference-free operation.
- Built-in transmitter gain adjustment.
- Impedance selectable switch for microphone or guitar.
- 4-pin mini XLR connector is compatible with all MIPRO lavalier, headworn microphones and instrument cable.
- Silent on/off switch.
- 4-segment battery status meter.
- LCD displays group, channel & error message code.
- 20-hour battery life per 2 'AA' alkaline batteries.
- 100m(330ft.) operating range.
- 100% made in Taiwan.

Specifications:

Housing	Magnesium Alloy	
Frequency Range	UHF 480~934MHz	
Oscillation Mode	PLL Synthesized	
Bandwidth	24MHz	
Channel Set-Up	ACT Sync	
RF Output Power	10mW-30mW (country dependant)	
Spurious Emissions	<-55dBc	
Max. Input Level	140dB SPL	0dB
Gain Setting	+6dB, +3dB, 0dB, -3dB, -6dB (5 settings). 0dB= MU-89 microphone sensitivity	+12dB, +6dB, 0dB, -6dB, -12dB, -18dB (6 settings). 0dB= input microphone sensitivity
Battery	2 AA alkaline	
Dimensions	50(Ø)×262(L)mm	66(W)×107(H)×25(D)mm
Weight	Approx. 260g (excluding batteries)	Approx. 120g (excluding batteries)
Patents & Approvals	Patented. Telecom and safety regulations approved.	
Notes	Refer to actual product in the event of product discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	