

## SYSTEM SPECIFICATIONS

Frequency Range	UHF 480~934 MHz
Frequency Bandwidth	24 MHz
Preset Channels	112 preset channels. 961 selectable frequencies.
Receiving Mode	Diversity Receiving
Oscillation Mode	PLL Synthesized
RF Stability	±0.005% (-10~50°C)
Peak Deviation	±68 kHz
S/N Ratio	>106 dB (A)
T.H.D.	<0.5% @ 1 kHz
Frequency Response	50 Hz~18 kHz
Note	Refer to actual product in the event of product discrepancy. Frequency range and peak deviation comply with the regulations of different countries.

## COMPONENT SPECIFICATIONS

Receiver	
Housing	Metal
Sensitivity	S/N>80 dB @ 10 dB $\mu$ V
Squelch Control	"PilotTone & NoiseLock" dual-squelch circuit
Maximum Output Level	Line / Mic
Power Supply	Additional AC power supply, 12~15V DC, 1A
Dimensions (W x H x D)	ACT-311/312: 210 x 44 x 180 mm / 8.3 x 1.7 x 7.1" ACT-312T: 420 x 44 x 180 mm / 16.5 x 1.7 x 7.1"
Weight	ACT-311: Approx. 0.8 kg / 1.8 lbs. ACT-312: Approx. 0.95 kg / 2.1 lbs. ACT-312T: Approx. 1.75 kg / 3.9 lbs.

	ACT-30H Handheld Transmitter	ACT-30T Bodypack Transmitter
Housing	Plastic	Plastic
Max. Input Level	140 dB SPL	0 dBV
RF Output Power	10~30 mW (according to local regulations)	10 mW / 50 mW (switchable)
Operating Range	100 m / 300 ft. (line-of-sight)	100 m / 300 ft. (line-of-sight)
Power	AA x 2 (alkaline type recommended)	AA x 2 (alkaline type recommended)
Battery Life	20 hours (alkaline)	20 hours (alkaline)
Dimensions	50 x 225 mm / 2.0 x 8.6" ( $\Phi$ x L)	63 x 82 x 22 mm / 2.5 x 3.2 x 0.9" (W x H x D)
Weight	Approx. 246 g / 8.68 oz (excluding batteries)	Approx. 83 g / 2.9 oz (excluding batteries)

**MIPRO**<sup>®</sup>  
MICROPHONE PROFESSIONALS

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MICROPHONE PROFESSIONALS

**ACT 3-Series**  
Wireless Microphone Systems

**Innovation • Performance • Unsurpassed Value**



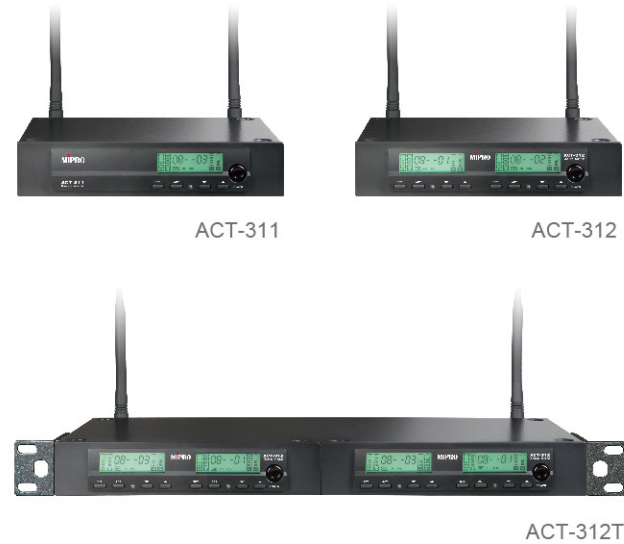
*elisa Lin*



# A World of Wireless Experience at Your Fingertips

MIPRO is an industry leading manufacturer of innovative wireless microphone systems. No other brand can match the innovative features of MIPRO's Autoscan and ACT sync, patented and now the industry's standard channel set-up technology.

ACT systems are built to handle tough conditions, deliver superb RF reliability and transparent audio performance, meaning that they can confidently be used in a wide variety of professional and commercial audio installations.



## ACT-311 / 312 / 312T Diversity Receivers

- Miniature, compact design.
- EIA standard 1/2 & 1-rack unit design.
- Single & Dual-Channel configurations.
- Rugged metal housing.
- Diversity technology for optimum reception.
- Backlit LCD screen.
- 112 preset channels. 961 selectable frequencies.
- Up to 16 preset compatible channels per band.
- One-touch AutoScan & ACT™ channel setup.
- Industry's only interference warning indicator.
- Auto-dimming/brightness during idle/performance.
- Dual "Pilotone & NoiseLock" circuits.
- Transmitter battery status meter.
- Adjustable squelch level.
- RF & audio meters.
- XLR & 1/4" outputs.
- Antenna connectors with booster bias.
- Up to 100 m (330 ft.) operating range (line-of-sight).
- 100% designed and made in Taiwan.

## ACT-30H Handheld Transmitter

- Extremely rugged, ergonomically designed housing.
- Premium cardioid condenser capsule.
- Interchangeable mic capsule options.
- ACT™ channel sync setup.
- Silent, lockable on/off switch.
- Extremely low handling noise.
- Hardened steel grille resists wear and abuse.
- Built-in foam reduces pop, breath and wine noise.
- LCD displays channel and battery status.
- Hardened steel grille resists wear & abuse.
- 20-hour battery life - 2 'AA' alkaline batteries.

## ACT-30T Bodypack Transmitter

- Miniature, compact design.
- Durable lightweight construction.
- ACT™ channel sync setup.
- Direct and remote mute.
- Selectable RF output power.
- LCD displays channel and battery status.
- Selectable impedance for mic, guitar/line inputs.
- Silent on/off switch.
- Lock feature defeats accidental power down.
- Detachable belt clip with 180° rotation.
- 20-hour battery life - 2 'AA' alkaline batteries.

## HEADWORN

### MU-53HN/HNS

Uni-Directional  
50Hz - 18kHz



### MU-55HN/HNS

Omni-Directional  
40Hz - 20kHz



### MU-210

Uni-Directional  
50Hz - 18kHz



### MU-23

Omni-Directional  
40Hz - 20kHz



### MU-13

Omni-Directional  
40Hz - 20kHz



## LAVALIER

### MU-53L/LS

Uni-Directional  
50Hz - 18kHz



### MU-55L/LS

Omni-Directional  
40Hz - 20kHz



## CAPSULES

### MU-89

TCM Cardioid



### MU-79

ECM Cardioid



### MU-59

Dynamic  
Hypercardioid



## ANTENNA SYSTEMS

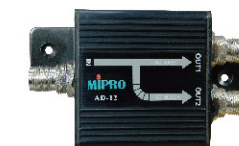
### AD-707a

Wideband 4-Channel  
Antenna Divider  
470~850MHz



### AD-12

Passive Antenna  
Divider /Combiner  
470MHz~1GHz



### AT-70W

Wideband Ground  
Plane Antenna  
470MHz~1GHz



### AT-90W

Wideband Transmitting &  
Receiving Log Antenna  
470MHz~1GHz



## OPTIONAL ACCESSORIES

### FB-71

Rackmount brackets fit  
one ACT-311 or  
ACT-312 receiver.



### FB-72

Rackmount brackets fit  
one ACT-312T receiver.



### FBC-71

Rear-to-front cables for  
front antenna mounting.  
A set of 2 cables.



### RH-77a

Multi-colored rings for  
ACT-30H handheld.  
A set of 10 colors.

