SYSTEM SPECIFICATIONS

Frequency Range	UHF 480~934 MHz
Frequency Bandwidth	24 MHz
Preset Channels	112 prest channels. 961 selectable frequencies.
Receiving Mode	Diversity Receiving
Oscillation Mode	PLL Synthesized
RF Stability	±0.005% (-10~50℃)
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 dBμV
Squelch Control	“PiloTone & 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 × 44 × 180 mm / 8.3 × 1.7 × 7.1" ACT-312T: 420 × 44 × 180 mm /16.5 × 1.7 × 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 × 2 (alkaline type recommended)	AA × 2 (alkaline type recommended)
Battery Life	20 hours (alkaline)	20 hours (alkaline)
Dimensions	50 × 225 mm / 2.0 × 8.6" (Φ × L)	63 × 82 × 22 mm / 2.5 × 3.2 × 0.9" (W × H × D)
Weight	Approx. 246 g / 8.68 oz (excluding batteries)	Approx. 83 g / 2.9 oz (excluding batteries)

MIPRO®
MICROPHONE PROFESSIONALS

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MIPRO®
MICROPHONE PROFESSIONALS

ACT 3-Series

Wireless Microphone Systems

Innovation • Performance • Unsurpassed Value

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

ACT-312

ACT-312T

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.