



Wireless Microphone Systems  
Wireless PA Systems



2025 Product Catalog



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## Distinguished Enterprise

**2023**  
D&B Annual Enterprise MVP Award

**2017–2018, 2020–2021**  
Dun & Bradstreet SME Elite Award

**2014**  
Financial Times–Standard Chartered Bank “Taiwan Business Awards”—Economic Contribution Award

**2013**  
Rising Star Award

**2012**  
National Invention and Creation Award—Contribution Award

In 1995, MIPRO Electronics was founded by K. C. Chang in Chiayi, Taiwan. Currently led by Chairman Solomon Chang, the company boasts a highly experienced R&D and manufacturing team. Guided by the principles of "innovation, quality, sustainability and satisfied users," MIPRO consistently launches industry-leading wireless audio products each year, adhering to ISO 9001 and ISO 14001 management standards. Proudly "Made in Taiwan," the MIPRO brand is marketed both domestically and internationally. It is one of Taiwan's largest wireless microphone manufacturers and has become a globally recognized brand in wireless audio solutions.

## Founder's Life Story

### K. C. Chang (1937–2021)

- 1960 Graduated from NTNU with Art Major.
- 1962 Opened "Sue-Hai" radio shop, doing sales and repairs of wireless audio products.
- 1970 Designed the first true condenser microphone capsule and obtained Taiwan's first patent for the microphone. (Taiwan patent No. 21312)
- 1970 Designed and produced the first FM wireless microphone in Taiwan.
- 1971 Founded CHIAYO Electronics Company, the first Class A wireless electronics factory to legally manufacture and sell wireless microphone systems in Taiwan. He served as the president and chief engineer.
- 1989 Designed and produced the first portable wireless PA system in Taiwan.
- 1995 Established MIPRO Electronics Company by sole proprietorship and served as CEO.
- 1996 Designed and produced the first UHF PLL 16-channel wireless microphone system in Taiwan.
- 2006 Led R&D team to develop the first-generation digital wireless microphone system.
- 2011 Nominated and received distinguished alumni awards by National Taiwan Normal University.
- 2012 Nominated and received distinguished alumni awards by National Chiayi Senior High School.
- 2014 Developed and mass-produced professional vocal ECM capsule modules.
- 2015 Developed and mass-produced professional vocal dynamic capsule modules.
- 2020 Developed and mass-produced the second-generation wireless microphone and portable wireless PA system.

## President

President of MIPRO Electronics, Solomon Chang, is the eldest son of the founder, K. C. Chang. Since the establishment of MIPRO Electronics, he has also served as general manager, dedicating himself to driving the company's growth and establishing it as an industry leader. Through his exceptional management and innovative approach, MIPRO has risen to global prominence as a renowned wireless microphone brand. His outstanding achievements have earned him the prestigious honor of "30th National Outstanding SME General Manager" from the Chinese Professional Management Association, reflecting his excellent leadership and contributions to the industry.

*Solomon Chang*

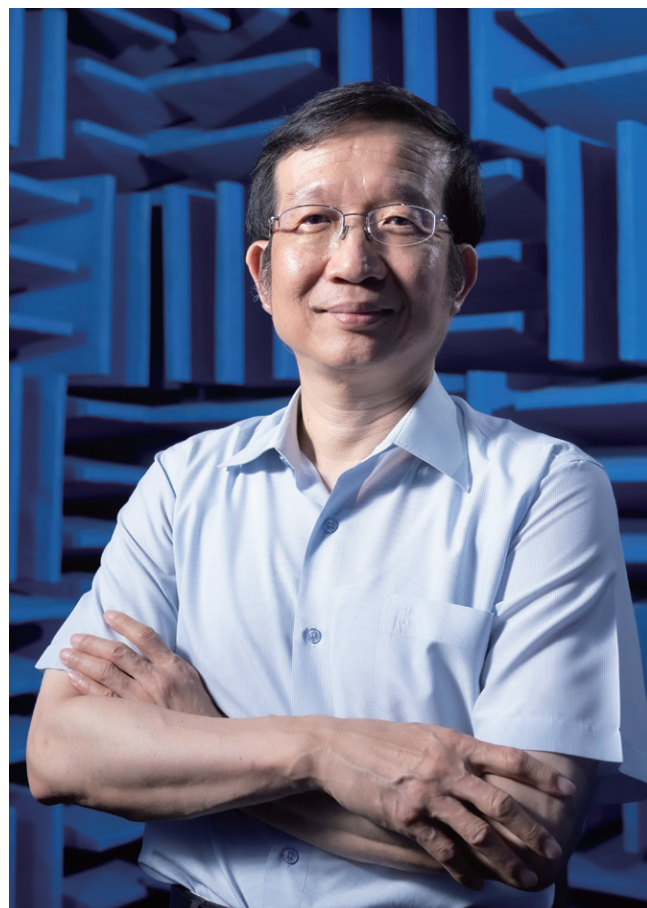


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# Awards



## 2022

### Novum Design Award

ACT-848 Digital Wireless System  
MM-590 Dynamic and Condenser Microphone

### Muse Design Awards

ACT-848 Digital Wireless System  
MA-300D Portable Wireless PA System

### Sydney Design Awards

MA-300D Portable Wireless PA System

### London Design Awards

ACT-848 Digital Wireless System  
MA-300D Portable Wireless PA System

### Spark Design Awards

MA-300D Portable Wireless PA System

### International Design Awards

MM-590 Dynamic and Condenser Microphone  
MA-300D Portable Wireless PA System

## 2019

**Red Dot Award**  
Digital Wireless MI Series



## 2018

### iF Design Award

TA-80 Digital Plug-on Transmitter

## 2017

**TEC Awards Nomination**  
ACT-2400 Series Digital Wireless Systems

**Taiwan Excellence Award**  
MA-708 Portable Wireless PA System

**Red Dot Award**  
MA-808 Portable Wireless PA System  
ST-24 Wireless Saxophone Set



## 2016

### Taiwan Excellence Award

MA-505 Portable Wireless PA System

### Red Dot Award

MA-708 Portable Wireless PA System



## 2015

**TEC Awards Nomination**  
MI-909 Digital Wireless In-ear Monitoring System

**Taiwan Excellence Award**  
ACT-828 Digital Wireless System



## New Products

### MA-929 PLUS Wireless PA System MA-828 PLUS Wireless PA System

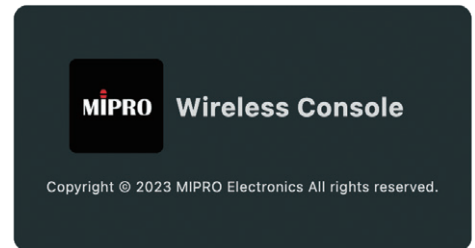


The upgraded MA-929 PLUS and MA-828 PLUS models feature integrated lithium-ion battery packs, providing enhanced stable output power. Additionally, users can control the volume and DSP settings of multiple MA-929/828 PLUS units through a newly developed mobile app.



### MIPRO Wireless Console (MWC) Computer Control Interface

The MWC computer monitoring software, designed for the ACT-800 and ACT-700 series, now supports the ACT-500 series with the latest update. It enables integrated frequency management and monitoring for multi-channel systems.



### AD-58 4-Channel Antenna Combiner

The AD-58 can combine signals from up to four ISM band transmitters, offering 10 dB gain. It transmits through only a single antenna, simplifying installation, reducing intermodulation interference, and significantly improving multi-channel transmission stability.



### ACT-800H II / ACT-700H II Handheld Transmitter

The second-generation handheld transmitters feature a new design, with a power lock switch and hidden configuration buttons, and only the power and mute buttons are accessible externally to ensure comfortable operation, prevent accidental touches, and enhance ease of use and stability.



### ACT-33TW UHF Analog Waterproof Bodypack Transmitter

The ACT-33TW is specifically designed for UHF analog series models. It is IP67-rated for dust and water resistance, making it ideal for wet environments, such as sports venues, water activities, and outdoor filming. It is recommended to pair with the MIPRO MU-57 series waterproof headworn or lavalier microphones to prevent damage due to sweat infiltration into the connector.



# New Products

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## BC-100WT UHF Gooseneck Microphone Transmitter

The BC-100WT is a gooseneck microphone transmitter specifically designed for the ACT-700 series wideband analog wireless microphone system. It is powered by an 18500 rechargeable lithium-ion battery and is compatible with the MM-204L/205L/206L gooseneck microphones, featuring ring indicator.



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## MM-58 Dynamic Wired Microphone

Built with the MU-581D capsule, the MM-58 microphone benefits from an advanced patented composite shock mount system and a high-rigidity multi-layer metal grille. This combination delivers exceptional high-frequency response, ultra-low handling noise, and pure, warm sound quality. Additionally, the MM-58 includes effective feedback suppression and an independent switch, making it ideal for professional stages and performance venues.



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## MU-581D Cardioid Dynamic Microphone Capsule

This newly developed dynamic microphone capsule, featuring cardioid directivity, is equipped with a patented composite shock mount system and a high-rigidity multi-layer metal grille. It offers warm tonal quality, clear high-frequency response, and ultra-low handling noise, making it suitable for studio recordings and performance spaces.



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## MU-381D Supercardioid Dynamic Microphone Capsule

This newly developed dynamic microphone capsule, featuring supercardioid directivity, is equipped with a patented composite shock mount system and a robust multi-layer metal grille. These features provide excellent isolation from handling noise and vibrations, making it perfect for loud environments and large stages. It delivers a wide frequency range and impressive dynamic response.



# Wireless Microphone Systems

Wireless transmission has always been MIPRO's core technology. Across VHF, UHF, ISM 2.4 GHz, and ISM 5 GHz spectrums; through narrow to wide bandwidths; from analog to digital transmission, MIPRO endeavors to perfect our skills and commits ourselves to design and create the products leading the market.





# Digital Wideband, Encryption and Even Superior Sound Quality

The digital wireless microphone system revolutionizes audio transmission by offering high-quality sound, strong interference resistance, and low-latency operation, making it ideal for stage performances, corporate meetings, and various other occasions. Whether for large-scale performances or equipment-intensive environments, these systems ensure clear sound delivery, providing users with exceptional flexibility and reliability.



ACT-800



**ACT-818** Single-Channel Receiver



**ACT-828** Dual-Channel Receiver



**ACT-848** Quad-Channel Receiver

## Features

- 72 MHz bandwidth.
- Digital diversity receiving.
- Full-color VFD.
- 256 bit encryption.
- DSP audio processor eliminates compander noise.
- 7 preset groups and 224 pre-saved channels.
- Optional Dante or AVB digital network interface. ( for ACT-828 and ACT-848 only)
- MIPRO Wireless Console monitoring software offers frequency analysis, system configuration and monitoring.
- The transmitters can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C or on a charging dock.



**ACT-800H**  
Handheld Transmitter



**ACT-800T**  
Bodypack Transmitter



**MP-800**  
Single-Slot Charging Dock



**MP-820**  
Dual-Slot Charging Dock

## Specifications

### Receiver

<b>Frequency Range</b>	UHF 480 – 934 MHz (country dependent)
<b>Monitor Output</b>	ACT-848 / ACT-828 : Monitor headphone jack with volume control
<b>Receiving Mode</b>	Digital diversity receiving
<b>Sensitivity</b>	12 dB $\mu$ V @ S/N > 100 dB
<b>Frequency Response</b>	20 Hz – 20 kHz ( < -2 dB )
<b>Dynamic Range</b>	> 120 dBA
<b>Latency</b>	2.9 ms
<b>Audio Output</b>	AES/EBU digital interface. Analog balanced output with 3 switchable levels: +16 dB / 0 dB / -6 dB
<b>Dimensions (W × H × D)</b>	ACT-818 : 210 × 44 × 163 mm ACT-828 / ACT-848 : 420 × 44 × 219 mm
<b>Weight</b>	ACT-818 : 1.0 kg ACT-828 : 2.1 kg ACT-848 : 2.3 kg

### Transmitter

<b>RF Power Output</b>	10 mW / 50 mW switchable (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery or two AA alkaline
<b>Battery Hours</b>	Li-ion battery: up to 10 hours AA batteries: up to 8 hours
<b>Dimensions</b>	ACT-800H : 51 × 272 mm (Ø × L) ACT-800T : 63 × 80 × 25 mm (W × H × D)
<b>Weight</b>	ACT-800H : 331 g ACT-800T : 97 g

# Analog Wideband, Unmatched Stability

MIPRO's top-tier wideband analog wireless microphone system offers exceptional transmission stability, clear sound quality, and extensive compatibility. It is ideal for high-demand scenarios such as large-scale performances, conferences, TV broadcasts, and major sound system installations, making it the top choice for professional audio market users.



ACT-700



**ACT-727** Dual-Channel Receiver



**ACT-747** Quad-Channel Receiver

## Features

- 72 MHz bandwidth.
- True diversity receiving.
- Full-color VFD.
- 7 preset groups and 224 pre-saved channels.
- Optional Dante digital network interface.
- MIPRO Wireless Console monitoring software offers frequency analysis, system configuration and monitoring.
- The transmitters can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C or on a charging dock.



**ACT-700H**  
Handheld Transmitter



**ACT-700T**  
Bodypack Transmitter



**MP-800**  
Single-Slot Charging Dock



**MP-820**  
Dual-Slot Charging Dock

## Specifications

### Receiver

<b>Frequency Range</b>	UHF 480 – 934 MHz (country dependent)
<b>Monitor Output</b>	Monitor headphone jack with volume control
<b>Receiving Mode</b>	True diversity receiving
<b>Sensitivity</b>	6 dB $\mu$ V @ S/N > 80 dB
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dynamic Range</b>	> 111 dBA
<b>Audio Output</b>	Balanced: +16 dB / 0 dB / -6 dB Unbalanced: +10 dB / 0 dB / -6 dB
<b>Dimensions</b>	420 × 44 × 219 mm (W × H × D)
<b>Weight</b>	ACT-727 : 2.1 kg ACT-747 : 2.5 kg

### Transmitter

<b>RF Power Output</b>	10 mW / 50 mW switchable (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery or two AA alkaline
<b>Battery Hours</b>	Li-ion battery: up to 10 hours AA batteries: up to 8 hours
<b>Dimensions</b>	ACT-700H : 51 × 272 mm (Ø × L) ACT-700T : 63 × 80 × 25 mm (W × H × D)
<b>Weight</b>	ACT-700H : 330 g ACT-700T : 97 g

# Professional Quality, Exceptional Value

MIPRO's professional-grade wireless microphone system offers true diversity reception for stable signal transmission, making it ideal for medium-sized performances, corporate meetings, lectures, and most indoor events. It is the perfect choice for those seeking a balance of cost-effectiveness and reliability.



ACT-500



**ACT-515** Single-Channel Receiver



**ACT-525** Dual-Channel Receiver



**ACT-545** Quad-Channel Receiver

## Features

- 24 MHz bandwidth.
- True diversity receiving.
- Dual-color LCD.
- 7 preset groups and 80 pre-saved channels.
- Optional Dante digital network interface. (for ACT-545 and ACT-525 only)
- MIPRO Wireless Console monitoring software offers frequency analysis, system configuration and monitoring.
- The transmitters can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C or on a charging dock.



**ACT-500H**  
Handheld Transmitter



**ACT-500T**  
Bodypack Transmitter



**MP-800**  
Single-Slot Charging Dock



**MP-820**  
Dual-Slot Charging Dock

## Specifications

### Receiver

<b>Frequency Range</b>	UHF 480 – 934 MHz (country dependent)
<b>Receiving Mode</b>	True diversity receiving
<b>Sensitivity</b>	6 dB $\mu$ V @ S/N > 80 dB
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dynamic Range</b>	> 111 dBA
<b>Audio Output</b>	Balanced: +16 dB / 0 dB / - 6 dB Unbalanced: +10 dB / 0 dB / - 6 dB
<b>Dimensions (W × H × D)</b>	ACT-515 : 210 × 44 × 163 mm ACT-525 / ACT-545 : 420 × 44 × 219 mm
<b>Weight</b>	ACT-515 : 0.9 kg ACT-525 : 2.0 kg ACT-545 : 2.4 kg

### Transmitter

<b>RF Power Output</b>	10 mW / 50 mW switchable (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery or two AA alkaline
<b>Battery Hours</b>	Li-ion battery: up to 10 hours AA batteries: up to 8 hours
<b>Dimensions</b>	ACT-500H : 51 × 272 mm (Ø × L) ACT-500T : 63 × 80 × 25 mm (W × H × D)
<b>Weight</b>	ACT-500H : 320 g ACT-500T : 96 g

# Entry-level, Beginner's Favorite

MIPRO's popular-grade wireless microphone system is designed for semi-professional users and simple environments. Equipped with frequency-adjustable and automatic syncing functions from the ACT series, it is easy to use and perfect for small meetings, educational presentations, commercial venues, and home use. This system offers an affordable yet high-quality option for entry-level users.



ACT-300



**ACT-311** Single-Channel Receiver



**ACT-312** Dual-Channel Receiver



**ACT-323** Dual-Channel Receiver



**ACT-343** Quad-Channel Receiver

## Features

- 24 MHz bandwidth.
- Antenna diversity receiving.
- The LCD screen turns bright or dim to identify "Working" or "Standby" modes.
- 7 preset groups and 80 pre-saved channels.
- Each channel has separate audio output and 3 switchable output gains, or mix signals from all channels with just one output jack.
- ACT-500H handheld and ACT-500T bodypack transmitters are also compatible.



**ACT-32H**  
Handheld Transmitter



**ACT-32T**  
Bodypack Transmitter

## Specifications

### Receiver

<b>Frequency Range</b>	UHF 480 – 934 MHz (country dependent)
<b>Receiving Mode</b>	Diversity receiving
<b>Sensitivity</b>	10 dB $\mu$ V @ S/N > 80 dB
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dynamic Range</b>	> 106 dBA
<b>Audio Output</b>	Balanced: +16 dB / 0 dB / -6 dB Unbalanced: +10 dB / 0 dB / -6 dB
<b>Dimensions (W × H × D)</b>	ACT-311 / ACT-312 : 210 × 44 × 165 mm ACT-323 / ACT-343 : 420 × 44 × 164 mm
<b>Weight</b>	ACT-311 : 0.8 kg ACT-312 : 0.9 kg ACT-323 : 1.4 kg ACT-343 : 1.7 kg

### Transmitter

<b>RF Power Output</b>	ACT-32H : 30 mW ACT-32T : 10 mW / 50 mW switchable (country dependent)
<b>Battery Type</b>	Two AA alkaline
<b>Battery Hours</b>	Up to 8 hours
<b>Dimensions</b>	ACT-32H : 51 × 234 mm (Ø × L) ACT-32T : 63 × 82 × 22 mm (W × H × D)
<b>Weight</b>	ACT-32H : 250 g ACT-32T : 86 g



# Popular Digital, Widely Versatile

To address Bluetooth and Wi-Fi interference in the 2.4 GHz band, the 5.8 GHz wireless microphone was developed. The ACT-5800 series is renowned for its exceptional transmission performance and wide, clear digital sound quality. With a diverse range of transmitter combinations, it meets the unique needs of instrument pickup, sports, measurement, and other specialized uses, offering the most versatile solution for professional audio.



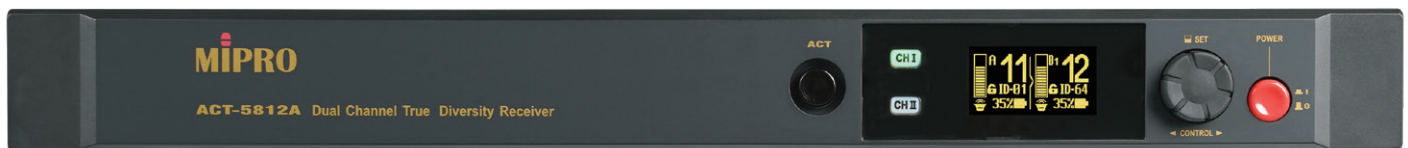
ACT-5800



**ACT-5801** Single-Channel Receiver



**ACT-5802** Dual-Channel Receiver



**ACT-5812A** Dual-Channel Receiver



**ACT-5814A** Quad-Channel Receiver

## Features

- ISM 5 GHz frequency band.
- True diversity receiving.
- Graphic OLED.
- < 1.5 ms ultra-low latency.
- Group A presets 12 channels; group B presets 24 channels.
- ACT-5812A and ACT-5814A are equipped with TNC connectors for daisy chain output.
- The transmitters can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C or on a charging dock.



**ACT-580H**  
Handheld Transmitter



**ACT-580T**  
Bodypack Transmitter



**MP-800**  
Single-Slot Charging Dock



**MP-820**  
Dual-Slot Charging Dock

## Specifications

### Receiver

<b>Frequency Band</b>	ISM 5.8 GHz
<b>Receiving Mode</b>	True diversity receiving
<b>Sensitivity</b>	-95 dBm
<b>Frequency Response</b>	18 Hz – 23 kHz
<b>Dynamic Range</b>	> 120 dBA
<b>Latency</b>	< 1.5 ms (Group B)
<b>Audio Output</b>	Balanced XLR and unbalanced 6.3 mm phone jack, -10 to +20 dB adjustable range
<b>Dimensions (W × H × D)</b>	ACT-5801 / ACT-5802 : 210 × 44 × 162 mm ACT-5812A / ACT-5814A : 420 × 44 × 162 mm
<b>Weight</b>	ACT-5801 : 0.7 kg / ACT-5802 : 0.8 kg ACT-5812A : 1.4 kg / ACT-5814A : 1.6 kg

### Transmitter

<b>RF Power Output</b>	20 mW (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery or two AA alkaline
<b>Battery Hours</b>	Li-ion battery: up to 10 hours AA batteries: up to 8 hours
<b>Dimensions</b>	ACT-580H : 51 × 272 mm (Ø × L) ACT-580T : 63 × 80 × 25 mm (W × H × D)
<b>Weight</b>	ACT-580H : 320 g ACT-580T : 82 g

## ACT-580TR Recordable Transmitter

### Features

- Built-in microSDHC memory card slot.
- Power on and start recording.
- Full-time recording backup.
- 48 kHz / 24-bit uncompressed digital sound quality.
- 123 dB ultra-high dynamic range, low noise floor and low distortion.
- Accepts two AA batteries or one lithium-ion battery.
- Type-C charging (for Li-ion battery only).
- Dimensions: 63 × 80 × 25 mm (W × H × D)
- Weight: 82 g



ACT-580TR

# Global Compatibility, Affordable Choice

The 2.4 GHz wireless microphone effectively solves interference issues with mobile 4G and UHF bands. Its key feature is that it requires no license and is globally compatible. Due to its low penetration rate, it is ideal for system setups in small or multi-room indoor spaces. With its affordable price, users can easily enjoy digital sound quality.



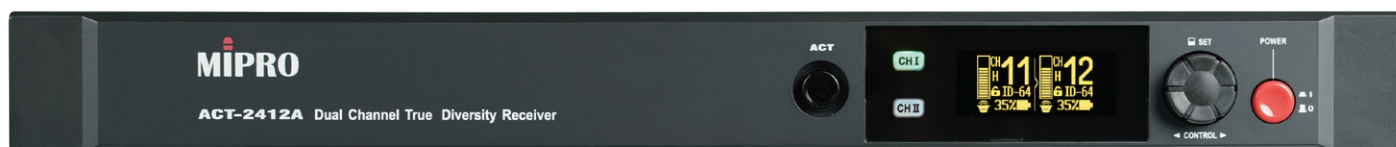
ACT-2400



**ACT-2401** Single-Channel Receiver



**ACT-2402** Dual-Channel Receiver



**ACT-2412A** Dual-Channel Receiver



**ACT-2414A** Quad-Channel Receiver

## Features

- ISM 2.4 GHz frequency band.
- 24 bit digital audio.
- Graphic OLED.
- True diversity receiving.
- 12 preset channels.
- ACT-2412A and ACT-2414A are equipped with TNC connectors for daisy chain output.
- The transmitters can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C or on a charging dock.

# ACT-2400 Series ISM Digital Wireless System



**ACT-240H**  
Handheld Transmitter



**ACT-240T**  
Bodypack Transmitter



**MP-800**  
Single-Slot Charging Dock



**MP-820**  
Dual-Slot Charging Dock

## Specifications

### Receiver

<b>Frequency Band</b>	ISM 2.4 GHz
<b>Receiving Mode</b>	True diversity receiving
<b>Sensitivity</b>	-95 dBm
<b>Frequency Response</b>	20 Hz – 20 kHz
<b>Dynamic Range</b>	> 117 dBA
<b>Latency</b>	< 4.0 ms
<b>Audio Output</b>	Balanced XLR and unbalanced 6.3 mm phone jack, -10 to +20 dB adjustable range
<b>Dimensions (W × H × D)</b>	ACT-2401 / ACT-2402 : 210 × 44 × 163 mm ACT-2412A / ACT-2414A : 420 × 44 × 162 mm
<b>Weight</b>	ACT-2401 : 0.7 kg ACT-2402 : 0.8 kg ACT-2412A : 1.4 kg ACT-2414A : 1.6 kg

### Transmitter

<b>RF Power Output</b>	2 mW / 10 mW switchable (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery or two AA alkaline
<b>Battery Hours</b>	Li-ion battery: up to 10 hours AA batteries: up to 8 hours
<b>Dimensions</b>	ACT-240H : 51 × 272 mm (Ø × L) ACT-240T : 63 × 80 × 25 mm (W × H × D)
<b>Weight</b>	ACT-240H : 320 g ACT-240T : 83 g

# Exercise Partner, Sweat and Moisture Resistant

The MIPRO waterproof bodypack transmitter is designed specifically for humid environments such as sports venues, water activities, and outdoor reality filming. It is recommended to pair it with the newly launched MU-57 series headworn or lavalier microphones to prevent damage caused by sweat seeping into the connectors.



ACT-33TW



ACT-58TW

## ACT-33TW UHF Analog Bodypack Transmitter

ACT-700 Series   ACT-500 Series   ACT-300 Series



## ACT-58TW 5 GHz Digital Bodypack Transmitter

ACT-5800 Series



### Transmitter Features

- IP67 rating.
- Ideal for sports and physical activities.
- A mute switch for instant toggling.
- Lightweight and flexible waist clip, easy to wear.

### Microphone Features

- IP57 rating.
- Ultra-compact 4.5 mm microphone capsule design.
- Clear and vibrant sound, high fidelity, and wide frequency range for natural sound reproduction.
- The headworn microphone features a newly designed adjustable frame and offers stable and comfortable wearing, suitable for various occasions.

**MU-57H** Headworn Microphone



**MU-57HS** Headworn Microphone



**MU-57L** Lavalier Microphone



**MU-57LS** Lavalier Microphone



## Specifications

### Transmitter

<b>Frequency Band</b>	ACT-33TW : UHF 480 – 934 MHz (country dependent) ACT-58TW : ISM 5.8 GHz
<b>Waterproof Rating</b>	IP67
<b>RF Power Output</b>	ACT-33TW : 10 mW (country dependent) ACT-58TW : 20 mW (country dependent)
<b>Input Connector</b>	MIPRO 3.5 mm TS
<b>Battery Type</b>	Two AA alkaline
<b>Battery Hours</b>	Up to 8 hours
<b>Dimensions</b>	71 × 66 × 22 mm (W × H × D)
<b>Weight</b>	ACT-33TW : 98 g ACT-58TW : 92 g

### Microphone

<b>Waterproof Rating</b>	IP57
<b>Frequency Response</b>	40 Hz – 20 kHz
<b>Directionality</b>	Omnidirectional
<b>Sensitivity</b>	-49 dBV/Pa
<b>Capsule</b>	4.5 mm
<b>Max. SPL</b>	135 dB
<b>Connector</b>	MIPRO 3.5 mm TS
<b>Weight</b>	MU-57H / MU-57HS : 24 g MU-57L / MU-57LS : 13 g

# Microphone Capsule Modules Handheld



Handheld



## MU-90A

- Condenser
- Supercardioid

Frequency Response 50 Hz – 18 kHz



## MU-85A

- Condenser
- Cardioid

Frequency Response 50 Hz – 19 kHz



## MU-80A

- Condenser
- Cardioid

Frequency Response 50 Hz – 19 kHz



## MU-70A

- Condenser
- Cardioid

Frequency Response 50 Hz – 18 kHz

## Features

- High S/N ratio and low noise, and can isolate high-frequency digital noise.
- The omnidirectional pickup pattern provides a wide sound pickup angle and consistent high-frequency response, with excellent feedback suppression.
- The patented shock mount design reduces handling noise and enhances durability.
- High-fidelity sound quality, wide frequency range, and superior dynamic response ensure perfect clarity and detail reproduction.



## MU-581D

- Dynamic
- Cardioid

Frequency Response 80 Hz – 14 kHz



## MU-381D

- Dynamic
- Supercardioid

Frequency Response 80 Hz – 14 kHz

## Features

- Patented anti-shock suspension system with advanced shock absorption design effectively isolates handling noise, delivering ultra-low handling noise and pure sound quality.
- With high-rigidity multi-layer metal mesh, it provides a smooth tonal quality and effectively suppresses feedback, making it suitable for professional environments.
- The metal mesh pop filter is designed for easy removal and cleaning, ensuring durability and resistance to aging over long-term use. It effectively reduces the impact of breath and wind noise on sound quality.
- Offers cardioid and supercardioid options, focusing on the main sound source while reducing surrounding noise interference, making it suitable for noisy environments.



## MU-59A

- Dynamic
- Supercardioid

Frequency Response 50 Hz – 14 kHz



## MU-39A

- Dynamic
- Supercardioid

Frequency Response 50 Hz – 14 kHz

## Features

- Features a high S/N ratio capsule circuit, isolating high-frequency digital noise for clear sound quality.
- Wide pick-up angle with full-range directionality, providing balanced high frequencies and strong feedback suppression.
- Patented shock-absorbing design minimizes handling noise and is impact-resistant.
- High dynamic range and precise sensitivity, ideal for vocalists with bright, detailed sound performance.

# Microphone Capsule Modules Headworn



Headworn



## MU-506H

☞ Unidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 50 Hz – 18 kHz



## MU-506HS

☞ Unidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 50 Hz – 18 kHz

### Features

- The unidirectional capsule unit reduces ambient noise, improving sound clarity.
- The newly designed adjustable frame offers secure and comfortable wearing, ideal for stages or sports.



## MU-53HN

☞ Unidirectional

Sensitivity -46 dBV / Pa  
Frequency Response 50 Hz – 18 kHz



## MU-53HNS

☞ Unidirectional

Sensitivity -46 dBV / Pa  
Frequency Response 50 Hz – 18 kHz

### Features

- The unidirectional capsule unit reduces ambient noise, improving sound clarity.
- The microphone capsule incorporates a flexible tube, allowing easy adjustment of direction and angle.



## MU-210d

☞ Unidirectional

Sensitivity -46 dBV / Pa  
Frequency Response 50 Hz – 18 kHz

### Features

- The unidirectional capsule unit reduces ambient noise, improving sound clarity.
- Lightweight design with high sensitivity, suitable for applications that require capturing detailed sound.



## MU-55HN

○ Omnidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 40 Hz – 20 kHz



## MU-55HNS

○ Omnidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 40 Hz – 20 kHz

### Features

- The omnidirectional capsule unit features excellent off-axis response, providing a more comprehensive sound pickup range.
- Lightweight design, suitable for long-term wear.



## MU-23d

○ Omnidirectional

Sensitivity -56 dBV / Pa  
Frequency Response 40 Hz – 20 kHz



## MU-13

○ Omnidirectional

Sensitivity -56 dBV / Pa  
Frequency Response 40 Hz – 20 kHz

### Features

- The omnidirectional capsule unit features excellent off-axis response, providing a more comprehensive sound pickup range.
- Ultra-thin detachable microphone boom, easy to install or remove on a frame mount.



# Microphone Capsule Modules Lavalier



Lavalier



## MU-53L

○ Unidirectional

Sensitivity -46 dBV / Pa  
Frequency Response 50 Hz – 18 kHz



## MU-53LS

○ Unidirectional

Sensitivity -46 dBV / Pa  
Frequency Response 50 Hz – 18 kHz

### Features

- The unidirectional capsule unit reduces ambient noise, improving sound clarity.
- Clear and bright sound with high fidelity, wide frequency range, high dynamic range, and fast transient response.



## MU-55L

○ Omnidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 40 Hz – 20 kHz



## MU-55LS

○ Omnidirectional

Sensitivity -49 dBV / Pa  
Frequency Response 40 Hz – 20 kHz

### Features

- The omnidirectional capsule unit features excellent off-axis response, providing a more comprehensive sound pickup range.
- Clear and bright sound with high fidelity, wide frequency range, high dynamic range, and fast transient response.

## MJ-53 Condenser Microphone Adapter



MJ-53



### Features

- Converts MIPRO 4-Pin Mini XLR connector to XLR connector.
- Supports 12 to 48 V phantom power.
- Full metal housing, sturdy and durable, with a belt clip for convenient attachment.

# Accessories

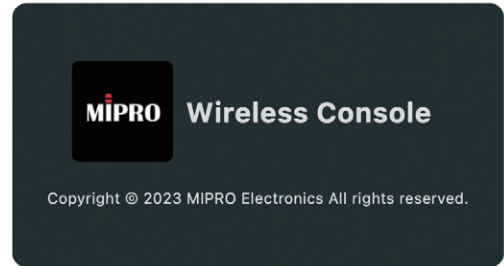
## MIPRO Wireless Console



MWC

### Features

- MIPRO's new PC interface management software, MWC (MIPRO Wireless Console), supports MIPRO ACT-800, ACT-700 and ACT-500 series.
- The interface links a PC to the receiver via MIPRO DVU USB connector, supporting up to 64 channels.
- Users can set, download, and save parameters for each channel.
- The software includes a built-in spectrum analyzer for automatic channel scanning, interference-free frequency configuration, and monitoring of all channels and interference signals.
- The software is also capable of monitoring transmitter battery status, AF/RF and Antenna A/B strength.



### Functions

#### Device Arrangement

Intuitively organizing and identifying your devices.



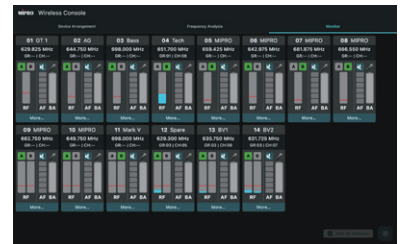
#### Frequency Analysis

Checking background RF noise to ensure the proper functioning of all devices.



#### Monitor

Monitoring all or designated devices, even transmitter battery status, AF/RF signal strength, and Antenna A/B strength as needed.



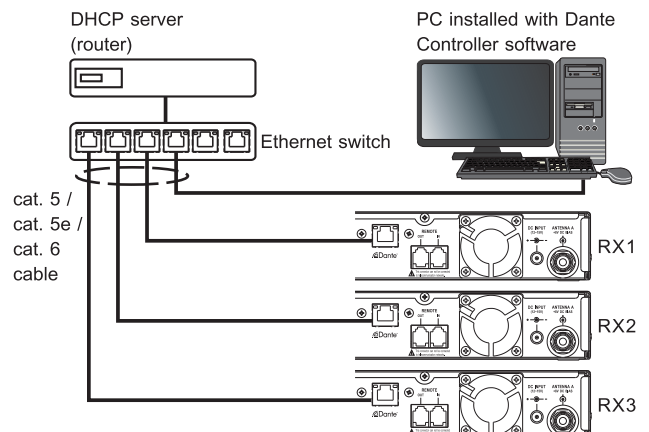
## Dante Interface Module



Dante Interface

### Features

- MIPRO's digital ACT-828 / 848 and analog ACT-727 / 747 / 525 / 545 receivers can be equipped with a Dante interface module.
- Dante is a widely adopted Ethernet-based digital audio transmission technology in the industry, where digital transmission reduces environmental interference and prevents signal degradation over distance.
- Using a 100 Mb/s network cable, the maximum transmission distance can reach up to 100 meters. Dante employs packet and time-division multiplexing technologies, allowing a single network cable to transmit multiple audio channels.
- Paired with Dante Controller software, audio stream layout and monitoring become simple and intuitive.





MPC-100

## MPC-100 Receivers Power Supply Storage Case



### Features

- Equipped with a power indicator, AC power input socket, and five DC output ports.
- Supports power supply installation for up to four receivers and one antenna distributor.
- Simply connect the case to an external AC power socket to simplify the power setup for multiple devices.

## MP-800 Single-Slot Charging Dock



## MP-820 Dual-Slot Charging Dock



Charging Dock





### Features

- Designed exclusively for MIPRO rechargeable transmitters with charging contacts.
- Allows for charging handheld or bodypack transmitters.
- Indicators display charging status.
- The bottom of the charger has reserved cable management space, effectively reducing the risk of the power plug being bumped and detached.
- The connecting accessories allow for easy setup of a large-scale charging system.






# Accessories



## Microphone Stands






Model	MS-80	MS-50	MS-20	MD-20
Photo				
Type	Tripod Microphone Stand	Desktop Microphone Stand		Microphone Holder

## Rack Mount Kits


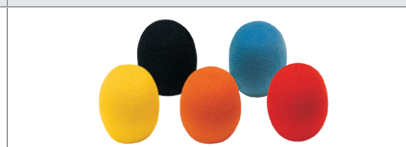
Model	FB-70	FB-71	FB-72
Photo			
Name	Front-to-Rear Antenna Kit	Rack Mount Kit	
Compatible Models	EIA standard rack case	One half-rack receiver alone (1-pair)	One full-rack receiver alone (1-pair)

## Antenna & Instrument Cables

Model	FBC-71	FBC-72	FBC-73
Photo			
Name	Rear-to-Front Cables		
Compatible Models	UHF ACT Series receivers	ISM ACT Series receivers, MI-24T / TD, MI-58T / TD	ISM ACT Series receivers, MI-24T / TD, MI-58T / TD
Compatible Rack Mount Kits	FB-70, FB-71, FB-72	FB-71, FB-72	FB-70, FB-71, FB-72

Model	FAU-10	FAU-20	FAG-10	MU-40G	MJ-70
Photo					
Name	Antenna Cable (10 m)	Antenna Cable (20 m)	Antenna Cable (10 m)	Instrument Cable	Remote Mute Switch
Compatible Models	AT-70W AT-90W AT-100 AT-24 MPB-30 MPB-24	AT-70W AT-90W AT-100 MPB-30 MPB-24	AT-24 AT-58 MPB-24 MPB-58	ACT Series bodypacks	ACT Series bodypacks

## Others

Model	ASP-30	RH-77a	SW-20
Photo			
Name	Sports Pouch	Multi-colored Rings (10 colors)	Foam Windscreens (5 colors)
Compatible Models	Bodypacks	Handhelds	Handhelds

# Antenna Systems

MIPRO offers high-performance antenna systems, including omnidirectional, directional, and extended antennas. These systems enhance the sensitivity, transmission range, and signal stability of wireless systems, making them suitable for various environments and occasions, from small venues to large events. They ensure stable signal coverage and high-quality audio transmission.



# Attachment Antennas



Antenna Systems

## AT-10 UHF Whip Antenna



### Features

- UHF 470 – 948 MHz.
- 1/4 wavelength monopole receiving antenna, wideband omnidirectional.
- Works with metal chassis to form a dipole antenna, improving reception performance.

## AT-20 UHF Coaxial Antenna



### Features

- UHF 480 – 960 MHz.
- 1/2 wavelength wideband omnidirectional coaxial receiving antenna.
- Provides higher sensitivity and extended reception range.

# Extension Antennas

## AT-24 2.4 GHz Multi-function Quasi-Circularly Polarized Directional Antenna



### Features

- ISM 2.4 GHz.
- Built-in booster to increase the antenna gain levels and compensate for cable loss.
- TX/RX connector for both transmission and reception.

## AT-58 5 GHz Multi-function Directional Log Antenna



### Features

- ISM 5.8 GHz.
- Built-in booster to increase the antenna gain levels and compensate for cable loss.
- TX/RX connector and RX-Only connector.

# Extension Antennas



Antenna Systems

## AT-70W UHF Wideband Multi-function Omnidirectional Antenna



### Features

- UHF 470 – 1000 MHz.
- Designed for extensive coverage without directional limitations.
- Provides 360-degree full coverage, ensuring high-quality signal reception in all corners of the venue.

## AT-90W UHF Wideband Multi-function Directional Log Antenna



### Features

- UHF 470 – 1000 MHz.
- Designed for efficient transmission and reception in a specific direction.
- Ideal for applications that require enhanced signal in a particular direction.

## AT-100 UHF Wideband Multi-function Circularly Polarized Directional Antenna



### Features

- UHF 470 – 1000 MHz.
- Suitable for efficient long-range transmission and reception.
- Reduces signal loss in complex environments, enhancing signal stability.

## MS-90 Wall Mount Bracket



# Antenna Dividers

## AD-708 UHF Wideband 4-channel Antenna Divider with Auto Gain Controller



Antenna Systems



### Features

- UHF 470 – 850 MHz.
- Connects up to four wireless receivers simultaneously and can daisy-chain additional antenna dividers.
- The automatic gain calibration function precisely compensates for the antenna cable loss.
- Can be paired with MPB-30 variable gain antenna boosters to avoid intermodulation distortion.

## AD-702 UHF Wideband Single-Channel Auto Gain Controller



### Features

- UHF 470 – 850 MHz.
- Equipped with LED indicators to show cable continuity and operational results.
- Automatically detects and compensates for cable loss between the receiver and built-in booster antenna.
- Precisely compensates for cable loss to prevent intermodulation distortion.



# Antenna Combiners



Antenna Systems

## AD-58 5 GHz 4-Channel Transmitting Antenna Combiner



### Features

- ISM 5.6 – 5.9 GHz.
- Integrates up to four MI-58T / MI-58TD transmitters simultaneously, ideal for performance venues.
- Equipped with a high linearity amplifier to reduce signal distortion and ensure clear, stable transmission quality.

## AD-808 UHF Wideband 4-Channel Transmitting Antenna Combiner



### Features

- UHF 470 – 960 MHz.
- Integrates up to four MI-909T transmitters, suitable for large events and professional applications.
- Allows for up to +20 dBm input power, ensuring strong signal transmission capacity.

## AD-12 UHF Wideband Passive Antenna Divider / Combiner



### Features

- UHF 470 – 1000 MHz.
- Distributes a single high-frequency signal into two independent outputs or merges two signals into one, suitable for complex antenna system setups.
- Can be used with MPB-30 or MP-10 to enhance system flexibility and expandability.

# Antenna Boosters



Antenna Systems

## MPB-30 UHF Gain-Controllable Antenna Booster



### Features

- UHF 470 – 960 MHz.
- Paired with the AD-708 antenna distributor, automatically detects and compensates for cable loss, providing continuous variable gain from 0 to 14 dB to ensure optimal signal quality.
- Can be powered directly via receiver antenna jack bias or external power supply, suitable for long-distance setups.

## MPB-24 2.4 GHz Antenna Booster



### Features

- ISM 2.4 GHz.
- Provides a fixed gain of 20 dB to compensate for signal loss over long cables, significantly extending reception range and transmission stability.
- Can be powered via receiver antenna jack bias, suitable for long-distance and multi-booster configurations.

## MPB-58 5 GHz Antenna Booster



### Features

- ISM 5.8 GHz.
- Provides a fixed gain of 20 dB to compensate for signal loss over long cables, significantly extending reception range and transmission stability.
- Can be powered via receiver antenna jack bias, suitable for long-distance and multi-booster configurations.

# RF Power Splitter / Amplifier



Antenna Systems

## AD-90S Wideband RF Power Splitter



### Features


- UHF 470 – 960 MHz.
- Distributes signals from a single transmitter to four antennas, achieving wide and uniform signal coverage.
- Compatible with MI-909T, MT-92A, and MTS-100 transmitters, offering flexible usage options.

## AD-90A Wideband RF Power Amplifier



### Features

- UHF 470 – 960 MHz.
- Combines with AT-70W, AT-90W, and AT-100 antennas to boost RF power for MI-909T, MT-92A, MTS-100, and AD-90S.
- Provides high-efficiency, long-distance, and stable wireless transmission, ensuring excellent signal quality.

A person with short dark hair is shown in profile, wearing a black wireless in-ear monitoring system. They are sitting at a desk in a recording studio, with their hands on a mixing console. The scene is lit with blue and purple stage lights. In the background, there are microphones and other studio equipment.

# Wireless In-Ear Monitoring Systems

MIPRO wireless in-ear monitoring system combines professional sound quality with stable transmission, making it suitable for various performances and application scenarios. Whether on a large stage or in a personal recording studio, MIPRO delivers clear and reliable sound, ensuring optimal performance. Let you hear every detail and achieve a perfect performance.

# Professional Stage, Natural Sound Representation

The MI-909 series is an in-ear monitoring system designed specifically for stage performances, offering stable wireless transmission and excellent sound quality. With digital audio processing technology, it enhances the signal-to-noise ratio and dynamic range, perfectly reproducing the natural sound. Comprising the MI-909R receiver and MI-909T transmitter, along with high-quality noise-canceling earphones, it is easy to operate, supports long-distance transmission, and is the best choice for professional stage monitoring.



MI-909

## MI-909R Digital Stereo Receiver



### E-8P

Professional In-Ear Stereo Earphones



### E-8S

Standard In-Ear Stereo Earphones

## Features

- 64 MHz bandwidth.
- LCD screen display.
- Digital diversity receiving.
- High-fidelity digital audio processing.
- Frequency response 20 Hz to 15 kHz.
- Signal-to-noise ratio 95 dBA.
- 16 preset groups, 216 preset channels in total.
- Three preset EQ levels.

## MI-909T Digital Stereo Transmitter



## Specifications

### Transmitter

<b>Frequency Range</b>	UHF 470 – 960 MHz
<b>RF Power Output</b>	LOW < 10 mW, HIGH < 100 mW (country dependent)
<b>Audio Input</b>	2 × XLR / 6.3 mm TRS combo socket
<b>Max. Input Level</b>	> +26 dBu. Selectable Line / Mic Level
<b>Earphone Output</b>	6.3 mm TRS with volume control
<b>Dimensions</b>	210 × 44 × 206 mm (W × H × D)
<b>Weight</b>	1.1 kg

### Receiver

<b>Frequency Range</b>	UHF 470 – 960 MHz
<b>Bandwidth</b>	64 MHz
<b>Receiving Mode</b>	Digital diversity
<b>Stereo Separation</b>	> 95 dB
<b>Dynamic Range</b>	95 dBA
<b>Battery Type</b>	2 AA alkaline
<b>Battery Hours</b>	Up to 8 hours
<b>Dimensions</b>	63 × 82 × 23 mm (W × H × D)
<b>Weight</b>	95 g

### Earphone

<b>Sensitivity</b>	E-8P : > 106 dB SPL E-8S : > 103 dB SPL
<b>Frequency Response</b>	E-8P : 15 Hz ~ 22 kHz E-8S : 15 Hz ~ 20 kHz
<b>Impedance</b>	16 Ω
<b>Noise Isolation</b>	> 26 dB
<b>Weight</b>	E-8P : 19 g E-8S : 14 g

# Digitalized with Superb Sound, Real-Time Monitoring

The MI-58 series wireless in-ear monitoring system features a 5 GHz true digital design, offering superior sound quality and low latency, with a frequency response of 20 Hz – 23 kHz. It comes with an easy-to-use interface, an engineer mode, and the option for a Dante interface, making it an ideal choice for personal and exhibition space monitoring.



MI-58

## MI-580R Digital Stereo Bodypack Receiver



### E-8P

Professional In-Ear Stereo Earphones

## MI-58R Digital Stereo Bodypack Receiver



### E-8S

Standard In-Ear Stereo Earphones

## Features

- ISM 5 GHz frequency band.
- OLED screen display.
- Digital true diversity.
- Frequency response: 20 Hz – 23 kHz.
- Ultra-low latency < 1.8 ms.
- Group A has 12 preset channels, Group B has 24 preset channels.
- MI-58R receiver accepts 18500 lithium-ion battery, rechargeable via MP-8 charging dock.
- MI-580R receiver can be powered by AA batteries or one rechargeable lithium-ion battery, which can be charged via USB Type-C.
- MI-58TD features a Dante audio network interface.



### MP-8

Single-Slot Charging Dock

## MI-58TD Digital Stereo Transmitter



## MI-58T Digital Stereo Transmitter



## Specifications

### Receiver

<b>Frequency Band</b>	ISM 5.8 GHz
<b>Receiving Mode</b>	True diversity
<b>Frequency Response</b>	20 Hz – 23 kHz
<b>Stereo Separation</b>	> 100 dB
<b>Dynamic Range</b>	109 dBA
<b>Battery Type</b>	MI-580R : One 18500 Li-ion battery or two AA alkaline MI-58R : One 18500 Li-ion battery
<b>Battery Hours</b>	> 8 hours
<b>Battery Charging</b>	MI-580R : USB Type-C MI-58R : MP-8 single-slot charging dock
<b>Dimensions</b>	MI-580R : 63 × 95 × 25 mm (W × H × D) MI-58R : 63 × 85 × 26 mm (W × H × D)
<b>Weight</b>	MI-580R : 160 g MI-58R : 75 g

### Transmitter

<b>Frequency Band</b>	ISM 5.8 GHz
<b>Audio Sampling</b>	48 kHz / 24-bit
<b>RF Power Output</b>	< 25 mW (CE compliance or country dependent)
<b>Audio Input</b>	2 × XLR / 6.3 mm TRS combo socket
<b>Earphone Output</b>	1 × 6.3 mm, 1 × 3.5 mm TRS
<b>Networking Interface</b>	MI-58TD : Dante MI-58T : N/A
<b>Dimensions</b>	MI-58TD : 210 × 44 × 162 mm (W × H × D) MI-58T : 210 × 44 × 91 mm (W × H × D)
<b>Weight</b>	MI-58TD : 860 g MI-58T : 570 g



# High Sound Quality, Easy to Use – Ideal for Beginners

The MI-24 series wireless in-ear monitoring system uses the 2.4 GHz frequency band, offering stable transmission and a simplified user interface, making it suitable for general consumers. Equipped with 48 kHz / 24-bit high-quality audio processing, it meets the demands of discerning music players. The low-latency design ensures precise audio synchronization, making it a cost-effective and ideal choice for in-ear monitors (IEMs).



MI-24

## MI-24R Digital Stereo Bodypack Receiver



### Features

- ISM 2.4 GHz frequency band.
- OLED screen display.
- Digital true diversity.
- Frequency response: 20 Hz – 23 kHz.
- 8 selectable channels.
- Receiver is powered by a rechargeable lithium-ion battery and can be charged on a charging dock.
- EARDRIVE function enhances earphone sound quality.



### E-8P

Professional In-Ear Stereo Earphones



### E-8S

Standard In-Ear Stereo Earphones



### MP-8

Single-Slot Charging Dock

## MI-24T Digital Stereo Transmitter



## Specifications

### Receiver

<b>Frequency Band</b>	ISM 2.4 GHz
<b>Receiving Mode</b>	True diversity
<b>Frequency Response</b>	20 Hz – 23 kHz
<b>Stereo Separation</b>	> 100 dB
<b>Dynamic Range</b>	109 dBA
<b>Battery Type</b>	One 18500 Li-ion battery
<b>Battery Hours</b>	> 8 hours
<b>Battery Charging</b>	MP-8 single-slot charging dock
<b>Dimensions</b>	63 × 85 × 26 mm (W × H × D)
<b>Weight</b>	82 g

### Transmitter

<b>Frequency Band</b>	ISM 2.4 GHz
<b>Audio Sampling</b>	48 kHz / 24-bit
<b>RF Power Output</b>	< 10 mW (CE compliance or country dependent)
<b>AF Input</b>	2 × XLR / 6.3 mm TRS combo socket
<b>Earphone Output</b>	1 × 6.3 mm and 1 × 3.5 mm TRS
<b>Dimensions</b>	210 × 44 × 91 mm (W × H × D)
<b>Weight</b>	580 g

# Wireless Audio Transmission Systems

The MIPRO plug-on transmitters and interlinking transmitters are designed for seamless audio transmission. The plug-on transmitter effortlessly converts wired to wireless signals, ideal for sound system calibration, instrument pickup, and recording, enhancing flexibility. The interlinking transmitter offers a stable and efficient wireless solution for long-range transmission.



# Plug-on Transmitters



Audio Transmission

## TA-80 UHF Digital Plug-on Transmitter



**MP-8T**  
Single-Slot Charging Dock

### Features

- Aluminum alloy casing effectively shields RF interference, with a concealed high-efficiency antenna and an LCD for displaying operational information.
- Wide frequency response, low distortion, minimal noise, and strong interference resistance ensure high-quality audio transmission.
- Balanced XLR input compatible with condenser microphones and various pickup devices, with adjustable sensitivity levels.
- Selectable 12V/48V phantom power, providing up to 10 mA for condenser microphones.
- Powered by a lithium-ion battery offering 5 to 8 hours of continuous use, supporting direct charging via dock or easy battery replacement.

### Specifications

<b>Frequency Band</b>	UHF 480 – 960 MHz
<b>RF Power Output</b>	50 mW / 10 mW switchable (country dependent)
<b>Phantom Power</b>	Selectable 12 V / 48 V
<b>Battery Type</b>	One 18500 Li-ion battery
<b>Battery Hours</b>	5 to 8 hours
<b>Battery Charging</b>	MP-8T single-slot charging dock
<b>Dimensions</b>	44 × 114 × 39 mm (W × H × D)
<b>Weight</b>	180 g

## TA-58 5 GHz Digital Plug-on Transmitter



### Features

- Industrial plastic casing effectively shields against RF interference, with a concealed high-efficiency antenna and an LCD for displaying operational information.
- Wide frequency response, low distortion, minimal noise floor, and strong interference resistance ensure high-quality audio transmission.
- Compatible with various pickup devices, providing stable 48V phantom power.
- Powered by a lithium-ion battery offering 5 to 8 hours of continuous use, supporting USB Type-C charging or battery replacement.

### Specifications

<b>Frequency Band</b>	ISM 5.8 GHz
<b>RF Power Output</b>	20 mW (country dependent)
<b>Phantom Power</b>	48 V
<b>Battery Type</b>	One 18500 Li-ion battery
<b>Battery Hours</b>	5 to 8 hours
<b>Battery Charging</b>	USB Type-C
<b>Dimensions</b>	40 × 117 × 38 mm (W × H × D)
<b>Weight</b>	120 g

# Interlinking Transmitters



Audio Transmission

## MT-24A 2.4 GHz Digital Interlinking Transmitter



### Features

- Wirelessly transmits output signals from microphones, instruments, and sound systems.
- Preset 12 channels and 16 ID codes.
- Maximum output power of up to 100 mW.
- Switchable input signal sensitivity.
- Provides 48 V phantom power.
- Designed for use with ACT-2400 series receivers or 2.4 GHz receiver modules.

## MT-92A UHF Analog Interlinking Transmitter



### Features

- Wirelessly transmits output signals from microphones, instruments, and sound systems.
- Preset 16 channels.
- Maximum output power of up to 500 mW.
- Switchable input signal sensitivity.
- Provides 48 V phantom power.
- Designed for use with ACT series analog receivers or UHF receiver modules.



## Instrument Wireless Systems

Leveraging its expertise in wireless transmission technology, MIPRO has developed a range of wireless instrument kits that seamlessly replace traditional wired setups. These kits free musicians from cable constraints, offering greater mobility and flexibility. They ensure stable transmission while faithfully preserving the instrument's original sound, delivering professional-grade performance audio for enhanced creativity and live performances.

# Receiver · Transmitter

## MR-58 5 GHz Digital Wireless Pedal Receiver



MR-58



### Features

- 5 GHz technology avoids interference, ensuring stable long-distance transmission for seamless performances.
- Metal footswitch and LCD screen designed for easy operation during live shows.
- Supports 9 V power with automatic polarity detection for effortless effects pedal integration.
- Balanced output and ground lift switch eliminate electrical noise, ensuring perfect compatibility with stage audio systems.
- Equipped with a microSD slot for system upgrades and customizable startup screens.

### Specifications

<b>Frequency Band</b>	ISM 5.8 GHz
<b>Receiving Mode</b>	True diversity
<b>Sensitivity</b>	-95 dBm
<b>Frequency Response</b>	18 Hz – 23 kHz
<b>Dynamic Range</b>	> 120 dBA
<b>Latency</b>	< 1.7 ms
<b>Sample Rate</b>	48 kHz / 24-bit
<b>Audio Output</b>	3 × 6.3 mm TRS, 1 × XLR
<b>Dimensions</b>	110 × 50 × 130 mm (W × H × D)
<b>Weight</b>	840 g

## ACT-580T 5 GHz Digital Bodypack Transmitter



ACT-580T



- Features and specifications refer to page 17.

# Transmitter Sets



Transmitter Sets

## ACT-58VL Violin / Viola Transmitter Set



VM-10L

### Microphone

<b>Model</b>	VM-10L Violin / Viola Microphone
<b>Holder</b>	VH-10L
<b>Capsule Module</b>	MU-55V
<b>Directionality</b>	Omnidirectional
<b>Frequency Response</b>	40 Hz – 20 kHz
<b>Sensitivity</b>	-49 dB
<b>Max. SPL</b>	135 dB
<b>Connector</b>	MIPRO 4-Pin Mini XLR

## ACT-58VD Double Bass Transmitter Set



VM-10D

### Microphone

<b>Model</b>	VM-10D Double Bass Microphone
<b>Holder</b>	VH-10D
<b>Capsule Module</b>	MU-55D
<b>Directionality</b>	Omnidirectional
<b>Frequency Response</b>	40 Hz – 20 kHz
<b>Sensitivity</b>	-49 dB
<b>Max. SPL</b>	135 dB
<b>Connector</b>	MIPRO 4-Pin Mini XLR

## ACT-58CE Erhu Transmitter Set



CM-10E

### Microphone

<b>Model</b>	CM-10E Erhu Microphone
<b>Holder</b>	CH-10E
<b>Capsule Module</b>	MU-10
<b>Directionality</b>	Cardioid
<b>Frequency Response</b>	65 Hz – 20 kHz
<b>Sensitivity</b>	-52 dB
<b>Max. SPL</b>	142 dB
<b>Connector</b>	MIPRO 4-Pin Mini XLR



# Transmitter Sets

## MT-58 5 GHz Digital Transmitter



Transmitter Sets



### Features

- Uses the ISM 5 GHz band to avoid interference, ensuring stable signal transmission and accurate sound reproduction.
- The MT-58 features a 3.5 mm connector with a 6.3 mm adapter, rotatable from 0 to 90 degrees, ideal for instruments with built-in pickups, as well as projectors and computers.
- Each saxophone transmitter kit includes a specific holder and clip for secure attachment to instruments. Paired with the MR-58 receiver, they free performers from cables, enhancing stage mobility.
- Powered by a lithium-ion battery, providing 5 to 8 hours of continuous use, with support for both charging dock and replaceable battery options.



**MP-24**  
Single-Slot Charging Dock

### Specifications

<b>Frequency Band</b>	ISM 5.8 GHz
<b>RF Power Output</b>	20 mW (country dependent)
<b>Battery Type</b>	One 18500 Li-ion battery
<b>Battery Hours</b>	5 to 8 hours
<b>Battery Charging</b>	MP-24 single-slot charging dock
<b>Dimensions</b>	35 × 84 × 29 mm (W × H × D)
<b>Weight</b>	61 g

## MT-58GE Electric Guitar / Electric Bass Transmitter Set



**MJ-10E**



### Cable

<b>Model</b>	MJ-10E Electric Guitar Cable
<b>Input Connector</b>	6.3 mm TS
<b>Length</b>	70 cm

# Transmitter Sets

## MT-58SS Soprano Saxophone Transmitter Set



SM-10S

### Microphone

<b>Model</b>	SM-10S Soprano Saxophone Microphone
<b>Holder</b>	SH-10S
<b>Gooseneck</b>	SG-10S, length: 14 cm
<b>Capsule Module</b>	MU-10
<b>Directionality</b>	Cardioid
<b>Frequency Response</b>	65 Hz – 20 kHz
<b>Sensitivity</b>	-52 dB

## MT-58SA Alto Saxophone Transmitter Set



SM-10A

### Microphone

<b>Model</b>	SM-10A Alto Saxophone Microphone
<b>Holder</b>	SH-10S
<b>Gooseneck</b>	SG-10S, length: 14 cm
<b>Capsule Module</b>	MU-16
<b>Directionality</b>	Semi-supercardioid
<b>Frequency Response</b>	55 Hz – 20 kHz
<b>Sensitivity</b>	-52 dB

## MT-58ST Tenor Saxophone Transmitter Set



SM-10T

### Microphone

<b>Model</b>	SM-10T Tenor Saxophone Microphone
<b>Holder</b>	SH-10S
<b>Gooseneck</b>	SG-10T, length: 21 cm
<b>Capsule Module</b>	MU-16
<b>Directionality</b>	Semi-supercardioid
<b>Frequency Response</b>	55 Hz – 20 kHz
<b>Sensitivity</b>	-52 dB

## MT-58SB Baritone Saxophone Transmitter Set



SM-10B

### Microphone

<b>Model</b>	SM-10B Baritone Saxophone Microphone
<b>Holder</b>	SH-10S
<b>Gooseneck</b>	SG-10T, length: 21 cm
<b>Capsule Module</b>	MU-20
<b>Directionality</b>	Supercardioid
<b>Frequency Response</b>	50 Hz – 20 kHz
<b>Sensitivity</b>	-49 dB

# Transmitter Sets



ST-32

## ST-32 UHF Wind Instrument Transmitter Set



### Features

- Integrated microphone and transmitter design allows wireless amplification with ACT series and MA series analog models.
- Includes a specific holder and clip for secure attachment to various wind instruments for flexible and reliable use, ensuring accurate sound reproduction.
- Compatible with MU-10, MU-16, and MU-20 microphone capsule modules, offering different diameters and characteristics to meet diverse audio needs.

### Specifications

<b>Frequency Band</b>	UHF 480 – 934 MHz
<b>RF Power Output</b>	10 mW (country dependent)
<b>Battery Type</b>	Rechargeable Li-ion battery
<b>Battery Hours</b>	5 to 8 hours
<b>Dimensions</b>	64 × 228 × 44 mm (W × H × D)
<b>Weight</b>	81 g

## Instrument Mic Capsule Modules



**MU-10**  
Instrument Mic  
Capsule Module



**MU-16**  
Instrument Mic  
Capsule Module



**MU-20**  
Instrument Mic  
Capsule Module

<b>Polar Pattern</b>	Cardioid	Semi-supercardioid	Supercardioid
<b>Frequency Response</b>	65 Hz – 20 kHz	55 Hz – 20 kHz	50 Hz – 20 kHz
<b>Sensitivity</b>	-52 dB	-52 dB	-49 dB
<b>Max. SPL</b>	142 dB	142 dB	145 dB



## Wireless Tour Guide Systems

MIPRO's wireless tour guide systems, specifically designed for travel tours and simultaneous interpretation, operate on the universal user license-free ISM frequency bands, delivering crystal-clear digital audio and ensures stable, uninterrupted reception quality.

# UHF Digital Wireless Tour Guide System Rechargeable



Tour Guide

## MTG-100R

UHF Digital Receiver (Rechargeable Battery)



**E-20S**  
Stereo Headphone



**E-10S**  
Stereo Earphones



**E-5S**  
Single-Sided Earphone

## MTG-100T

UHF Digital Transmitter (Rechargeable Battery)



**MM-10**  
Mini-Gooseneck Microphone



**MM-202P**  
Mini-Gooseneck Microphone



**MU-101P**  
Headworn Microphone



**MU-53HNP**  
Headworn Microphone



**MU-23P**  
Headworn Microphone

## Features

- Operates on the universal user license-free ISM bands.
- True digital modulation for enhanced signal privacy and true diversity receiving.
- Practical line-of-sight range of up to 60 meters.
- Presets 16 channels, with up to three channels operable simultaneously in the same space.
- The receiver features mute and channel-lock functions.
- The transmitter has three output power levels and offers MIC / LINE input level.
- Built-in rechargeable lithium-ion battery.
- The system offers multiple charging and storage options.

## MTG-100Ha UHF Digital Handheld Transmitter



### Features

- Handheld microphone ensures vocal clarity.
- The LCD screen displays operation and battery status.
- Pairs with MTG-100R / MTG-100Ra receiver.

## MTS-100 UHF Digital Interlinking Transmitter



### Features

- Stationary transmitter for use with a broadcast console.
- Presets 16 channels.
- Supplies 48 V phantom power. Adjustable AF level.
- Pairs with MTG-100R / MTG-100Ra receiver.

## MTG-100C-28 28-Slot Storage and Charger Carry Case



## MTG-100C-12 12-Slot Storage and Charger Carry Case



### Features

- Durable case organizes the entire tour guide system and accessories, making it easy to transport.
- The MTG-100C-28 can charge up to 24 receivers and 4 transmitters simultaneously.
- The MTG-100C-12 can charge up to 10 receivers and 2 transmitters simultaneously.
- Features an auto-sync button for automatic frequency synchronization of all transmitters and receivers.
- The MTG-100C-28 offers an optional Ethernet networking interface and management software.
- Ideal for museums, international conference halls, corporations, and government institutions.

## MTG-100C-4 Quad-Slot Charging Dock



## MTG-100C-CR Charging Dock Rack Kit



### Features

- MTG-100C-4 has four slots to hold up to 4 receivers or transmitters.
- Four MTG-100C-4 units can be combined with one MTG-100C-CR for rack installation, forming a large-scale charging system.

# UHF Digital Wireless Tour Guide System AA Batteries



Tour Guide

## MTG-100Ra

UHF Digital Receiver (AA Batteries)



**E-20S**  
Stereo Headphone



**E-10S**  
Stereo Earphones



**E-5S**  
Single-Sided Earphone

## MTG-100Ta

UHF Digital Transmitter (AA Batteries)



**MM-10**  
Mini-Gooseneck Microphone



**MM-202P**  
Mini-Gooseneck Microphone



**MU-101P**  
Headworn Microphone



**MU-53HNP**  
Headworn Microphone



**MU-23P**  
Headworn Microphone

## Features

- Operates on the universal user license-free ISM bands.
- True digital modulation for enhanced signal privacy and true diversity receiving.
- Practical line-of-sight range of up to 60 meters.
- Presets 16 channels, with up to three channels operable simultaneously in the same space.
- The receiver features mute and channel-lock functions.
- The transmitter has three output power levels and offers MIC / LINE input level.
- Accepts AA alkaline or rechargeable batteries.



**MTG-100Ha**  
UHF Digital Handheld Transmitter



**MTS-100**  
UHF Digital Interlinking Transmitter

# ISM Digital Wireless Tour Guide System



ACT-24R

## ACT-24R 2.4 GHz Digital Receiver



**ACT-240H**  
2.4 GHz Handheld  
Transmitter



**ACT-240T**  
2.4 GHz Bodypack  
Transmitter



**MT-24A**  
2.4 GHz Interlinking Transmitter



**E-20S**  
Stereo Headphone



**E-10S**  
Stereo Earphones



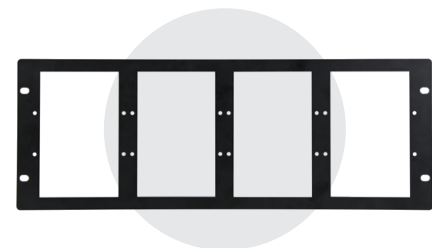
**E-5S**  
Single-Sided Earphone



**MP-8**  
Single-Slot Charging Dock



**MP-24-4**  
Quad-Slot Charging Dock



**MTG-100C-CR**  
Charging Dock Rack Kit

## Features

- Digital true diversity receiving. 12 preset channels.
- Skips most Wi-Fi frequencies to effectively prevent interference from communication devices.
- Suitable for guided-tours and sound pick-up for video recording.
- Powered by a lithium-ion battery, supporting both charging dock and replaceable battery operation.
- E-20S, E-10S, and E-5S earphones options.
- Compatible with the ACT-240H handheld, ACT-240T bodypack, and MT-24A interlinking transmitter.

## Specifications

<b>Frequency Band</b>	ISM 2.4 GHz
<b>Receiving Mode</b>	True diversity
<b>Dynamic Range</b>	> 106 dBA
<b>Latency</b>	< 4.0 ms
<b>Earphone Jack</b>	3.5 mm TRS
<b>Dimensions</b>	63 × 58 × 26 mm (W × H × D)
<b>Weight</b>	84 g



# Compatible Earphones · Microphones



Earphones · Microphones



**E-20S**  
Stereo Headphone



**E-10S**  
Stereo Headphone



**E-5S**  
Single-Sided Earphone

<b>Sensitivity</b>	105 dB	102 dB	108 dB
<b>Frequency Response</b>	20 Hz – 20 kHz	20 Hz – 15 kHz	100 Hz – 20 kHz
<b>Impedance</b>	24 Ω	16 Ω	32 Ω
<b>Connector</b>	3.5 mm TRS	3.5 mm TRS	3.5 mm TRS
<b>Weight</b>	62 g	12 g	14 g



**MM-10**  
Mini-Gooseneck  
Microphone



**MM-202P**  
Mini-Gooseneck  
Microphone



**MU-101P**  
Headworn  
Microphone



**MU-53HNP**  
Headworn  
Microphone



**MU-23P**  
Headworn  
Microphone

<b>Directionality</b>	Omnidirectional	Unidirectional	Unidirectional	Unidirectional	Omnidirectional
<b>Sensitivity</b>	-49 dBV / Pa	-46 dBV / Pa	-49 dBV / Pa	-46 dBV / Pa	-56 dBV / Pa
<b>Frequency Response</b>	40 Hz – 20 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	40 Hz – 20 kHz

# Wireless Conference Systems

MIPRO's expertise in wireless transmission led to the development of a conference microphone transmitter base, which pairs with a gooseneck microphone and receiver to create a flexible, efficient wireless conference system. It eliminates the need for complex installations and offers high mobility, adapting easily to various meeting scenarios. With quick setup and easy storage, it's perfect for meetings anytime, anywhere.



# BC-T Series Gooseneck Microphone Transmitters



BC-T (UHF)

## BC-100T II

UHF Gooseneck Microphone Transmitter

ACT-500 Series

ACT-300 Series



## BC-100WT

UHF Gooseneck Microphone Transmitter

ACT-700 Series



## BC-24T II

2.4 GHz Gooseneck Microphone Transmitter

ACT-2400 Series



## BC-58T II

5 GHz Gooseneck Microphone Transmitter

ACT-5800 Series



BC-T (ISM)

## Features

- Compatible with MIPRO 4-pin gooseneck microphones, supporting both wired transmission and wireless transmission via built-in transmitter.
- For wired transmission, connect the base's output socket to a mixer with phantom power.
- For wireless transmission, it operates like ACT series bodypack transmitters, with a built-in 18500 lithium-ion battery that supports external charging or battery replacement.
- The talk switch simultaneously activates both the base indicator light and the gooseneck microphone's LED ring light.

## Specifications

Model	BC-100T II	BC-100WT	BC-24T II	BC-58T II
Frequency Band	UHF 480 – 934 MHz	UHF 480 – 934 MHz	ISM 2.4 GHz	ISM 5.8 GHz
Input Jack	MIPRO 4-Pin XLR	MIPRO 4-Pin XLR	MIPRO 4-Pin XLR	MIPRO 4-Pin XLR
Output Jack	3-Pin XLR	3-Pin XLR	3-Pin XLR	3-Pin XLR
Dimensions	100 × 78 × 150 mm	100 × 78 × 150 mm	100 × 78 × 150 mm	100 × 78 × 150 mm
Weight	710 g	710 g	700 g	670 g

# BC Series Boundary Microphone Base



BC-100 II

## BC-100 II Boundary Microphone Base



Rear View



Bottom View

## Features

- Equipped with a high-sensitivity condenser microphone capsule, allowing use as a boundary microphone.
- Supports MIPRO 4-pin gooseneck microphones for wired conference applications.
- Compatible with ACT-TC series bodypack transmitters for wireless conferencing, with an included power adapter for direct charging.
- Features a balanced XLR output socket and a switch to toggle between gooseneck or boundary microphone signal output.
- The talk switch simultaneously activates the base indicator light and the LED ring on the gooseneck microphone.

## Specifications

<b>Boundary Microphone</b>	Cardioid condenser microphone capsule module
<b>Input Jack</b>	MIPRO 4-Pin XLR
<b>Output Jack</b>	3-Pin XLR
<b>Dimensions</b>	100 × 78 × 150 mm (W × H × D)
<b>Weight</b>	620 g

# Gooseneck Microphones

## MM-206L / MM-205L / MM-204L

Gooseneck Microphones



MM-L

## MM-206J / MM-205J / MM-204J

Gooseneck Microphones



MM-J



## Features

- Available in three different lengths with wide-angle adjustment, suitable for various conference environments and podiums.
- The microphone capsule module features a patented multi-layer grille design to effectively eliminate pop noise and enhance speech clarity.
- The MM-206L / 205L / 204L models feature a 4-pin XLR connector with an LED ring indicator for easy identification of speaking status, compatible with BC-100 II wired or BC-T II series wireless conference microphone bases.
- The MM-206J / 205J / 204J models feature a 3-pin XLR connector, ideal for direct connection to mixers with phantom power.

## Specifications

Model	MM-206L	MM-205L	MM-204L	MM-206J	MM-205J	MM-204J
<b>Directionality</b>	Unidirectional	Unidirectional	Unidirectional	Unidirectional	Unidirectional	Unidirectional
<b>Sensitivity</b>	-46 ± 3 dBV/Pa	-46 ± 3 dBV/Pa	-46 ± 3 dBV/Pa	-46 ± 3 dBV/Pa	-46 ± 3 dBV/Pa	-46 ± 3 dBV/Pa
<b>Frequency Response</b>	50 Hz – 18 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz
<b>Length</b>	600 mm	500 mm	410 mm	585 mm	485 mm	385 mm
<b>Weight</b>	180 g	175 g	170 g	180 g	175 g	170 g

## Wired Microphones

MIPRO's wired microphone series includes condenser and dynamic models for system measurement and professional audio. The MM-590, the world's first microphone with interchangeable dynamic and condenser capsules, features a modular design and specialized circuitry for flexible use in any setting.



# Condenser Microphones

## MM-90 Condenser Microphone



### Features

- Equipped with the MU-90 supercardioid capsule, offering enhanced directionality for clear sound separation and reduced feedback.
- Designed for large stages and venues requiring professional sound quality, showcasing the singer's vocal nuances perfectly.

### Specifications

<b>Polar Pattern</b>	Supercardioid
<b>Sensitivity</b>	-46 dBV / Pa
<b>Frequency Response</b>	50 Hz – 20 kHz
<b>Max. SPL</b>	149 dB
<b>Dimensions</b>	51 × 200 mm (Ø × L)
<b>Weight</b>	410 g

## MM-80 Condenser Microphone



Condenser

### Features

- Equipped with the MU-80 cardioid capsule, providing effective directionality to minimize feedback.
- Ideal for general performers on stage or in karaoke settings, delivering bright and clear sound effortlessly.

### Specifications

<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	-46 dBV / Pa
<b>Frequency Response</b>	50 Hz – 20 kHz
<b>Max. SPL</b>	149 dB
<b>Dimensions</b>	51 × 200 mm (Ø × L)
<b>Weight</b>	410 g

# Dynamic Microphones

## MM-58 Dynamic Microphone



## MM-59 Dynamic Microphone



## MM-39 Dynamic Microphone



Dynamic

### Features

- MU-581D capsule delivers excellent high-frequency response and enhanced vocal brightness.
- Patented anti-shock suspension system isolates handling noise, ensuring ultra-low noise and pure sound quality.
- High rigidity multi-layer metal mesh provides smooth tonal quality and feedback suppression, ideal for professional use.
- Independent switch for convenient operation on stage and in performance settings.

### Specifications

<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	-52 dBV / Pa
<b>Frequency Response</b>	80 Hz – 14 kHz
<b>Dimensions</b>	51 × 204 mm (Ø × L)
<b>Weight</b>	420 g

### Features

- Equipped with the MU-59 premium dynamic supercardioid capsule, offering a high dynamic range for rich, distortion-free sound even at high volumes.
- Designed for large indoor and outdoor stages, it minimizes handling noise while delivering stable, high-quality audio.
- Features an independent switch for easy operation, ideal for various stage and performance settings.

### Specifications

<b>Polar Pattern</b>	Supercardioid
<b>Sensitivity</b>	-53 dBV / Pa
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dimensions</b>	51 × 204 mm (Ø × L)
<b>Weight</b>	420 g

### Features

- Features the MU-39 dynamic supercardioid capsule for a high dynamic range, delivering rich, smooth sound with clarity and no distortion for loud or general use.
- Low handling noise makes it ideal for stage or karaoke, providing bright and clear audio.
- Features a convenient independent switch, suitable for various performance settings.

### Specifications

<b>Polar Pattern</b>	Supercardioid
<b>Sensitivity</b>	-53 dBV / Pa
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dimensions</b>	51 × 204 mm (Ø × L)
<b>Weight</b>	420 g



# Condenser / Dynamic Bifunctional Microphone

## MM-590 Condenser / Dynamic Bifunctional Microphone



MM-590



### Features

- Patented design allows for easy interchangeability between dynamic and condenser capsules on a single body.
- The condenser capsule can be powered by an AA battery or an external 48 V phantom power supply.
- Features an independent output switch for flexible and convenient operation.

### Specifications

<b>Capsule Module</b>	MU-59 / MU-90
<b>Polar Pattern</b>	Supercardioid
<b>Sensitivity</b>	-47 dBV / Pa
<b>Frequency Response</b>	50 Hz – 18 kHz
<b>Dimensions</b>	51 × 204 mm (Ø × L)
<b>Weight</b>	MU-59 : 360 g MU-90 : 330 g

# Measurement · Instrument Microphones

## MM-100

Omnidirectional Measurement Microphone



MM-100

## MM-300

Cardioid Instrument Microphone



MM-300

## MM-500

Cardioid Instrument Microphone



MM-500

### Features

- Omnidirectional capsule design for precise measurement and monitoring of ambient sounds.
- Wide and flat frequency response ensures accurate reproduction across the entire audio spectrum.
- Durable stainless steel construction, ideal for professional applications.

### Specifications

<b>Polar Pattern</b>	Omnidirectional
<b>Sensitivity</b>	-36 dBV / Pa
<b>Frequency Response</b>	20 Hz – 18 kHz
<b>Max. SPL</b>	125 dB
<b>Dimensions</b>	19 × 168 mm (Ø × L)
<b>Weight</b>	110 g

### Features

- Smooth midrange and high-frequency performance, delivering a natural and balanced tone suitable for various vocal applications.
- Excellent noise suppression with a cardioid design effectively reduces side and rear noise.
- Ideal for multiple settings, including studios, broadcasting, and live audio production, providing stable sound pickup.

### Specifications

<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	-43 dBV / Pa
<b>Frequency Response</b>	50 Hz – 20 kHz
<b>Max. SPL</b>	149 dB
<b>Dimensions</b>	21 × 160 mm (Ø × L)
<b>Weight</b>	88 g

### Features

- Exceptional high-frequency response delivers clear and bright sound details, ideal for professional recording.
- Cardioid design effectively isolates side and rear noise, focusing on the sound source directly in front.
- High dynamic range ensures stable and distortion-free audio quality, whether for loud vocals or intense sound sources.

### Specifications

<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	-43 dBV / Pa
<b>Frequency Response</b>	50 Hz – 20 kHz
<b>Max. SPL</b>	149 dB
<b>Dimensions</b>	23 × 180 mm (Ø × L)
<b>Weight</b>	130 g

# Wireless PA Systems

MIPRO has innovatively integrated wireless microphones and amplification systems, achieving widespread recognition for their multifunctionality, high quality, and exceptional sound. These products have become core offerings for the brand. The new MA-II series further redefines traditional design, establishing a fresh identity and expanding its applications across various fields.



# Wireless PA Systems

## MA-929 PLUS Wireless PA System



### Features

- The MTM two-way speaker system significantly enhances sound field and pressure, delivering clear and powerful audio.
- DSP digital control allows quick selection of preset sound effects, ensuring optimal sound quality for both speech and music.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 8 modules can be installed.
- Optional wireless transmitter module can synchronize multiple active speakers, expanding transmission range.
- Newly developed APP allows simultaneous control of volume and DSP settings for multiple MA-929/828 PLUS units.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Portable design with foldable handle and wheels for easy transport; optional tripod mounting is available.
- Powered by rechargeable lithium batteries and external AC power supply, ensuring long-lasting and stable operation.
- Built-in alarm sound and voice priority, plus a dedicated subwoofer output.

## MA-828 PLUS Wireless PA System



### Features

- The MTM two-way speaker system significantly enhances sound field and pressure, delivering clear and powerful audio.
- DSP digital control allows quick selection of preset sound effects, ensuring optimal sound quality for both speech and music.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 4 modules can be installed.
- Optional wireless transmitter module can synchronize multiple active speakers, expanding transmission range.
- Newly developed APP allows simultaneous control of volume and DSP settings for multiple MA-929/828 PLUS units.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Portable design with foldable handle and wheels for easy transport; optional tripod mounting is available.
- Powered by rechargeable lithium batteries and external AC power supply, ensuring long-lasting and stable operation.
- Built-in alarm sound and voice priority, plus a dedicated subwoofer output.

## MA-727 Wireless PA System



### Features

- The MTM two-way speaker system significantly enhances sound field and pressure, delivering clear and powerful audio.
- DSP digital control allows quick selection of preset sound effects, ensuring optimal sound quality for both speech and music.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 2 modules can be installed.
- Optional wireless transmitter module can synchronize multiple active speakers, expanding transmission range.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Portable design with foldable handle and wheels for easy transport; optional tripod mounting is available.
- Powered by rechargeable lithium batteries and external AC power supply, ensuring long-lasting and stable operation.
- Built-in alarm sound and voice priority, plus a dedicated subwoofer output.



MA-II



Download on the App Store

MA Connect for MA-929/828 PLUS

# Wireless PA Systems

## MA-808 Wireless PA System



### Features

- Built-in high-efficiency amplifier drives a two-way speaker system for clear and powerful sound.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 4 modules can be installed.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Designed with a hidden retractable handle and wheels for easy transportation, with an optional tripod installation.
- Extension speaker socket for wired connection with the MA-808EXP passive speaker and optional wireless interlinking transmitter module for wireless connectivity with multiple active speakers to expand transmission range.
- Storage compartment for storing transmitters.
- Features TONE, VOP and ECHO control on mics. VOP (voice-over-priority) function automatically mutes the music when the microphone is in use.
- Built-in AC power supply and rechargeable batteries, providing long-lasting and stable operation.

## MA-708 Wireless PA System



MA-808/708



### Features

- Built-in high-efficiency amplifier drives a two-way speaker system for clear and powerful sound.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 4 modules can be installed.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Designed with a hidden retractable handle and wheels for easy transportation, with an optional tripod installation.
- Extension speaker socket for wired connection with the MA-708EXP passive speaker and optional wireless interlinking transmitter module for wireless connectivity with multiple active speakers to expand transmission range.
- Storage compartment for storing transmitters.
- Features TONE, VOP and ECHO control on mics. VOP (voice-over-priority) function automatically mutes the music when the microphone is in use.
- Built-in AC power supply and rechargeable batteries, providing long-lasting and stable operation.

# Wireless PA Systems

## MA-707 Wireless PA System



MA-707



## MA-505 Wireless PA System



MA-505



### Features

- Built-in high-efficiency amplifier drives a two-way speaker system for clear and powerful sound.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 2 modules can be installed.
- Designed with a hidden retractable handle and wheels for easy transportation, with an optional tripod installation.
- Extension speaker socket for wired connection with the MA-707EXP passive speaker and optional wireless interlinking transmitter module for wireless connectivity with multiple active speakers to expand transmission range.
- Storage compartment for storing transmitters.
- Built-in AC power supply and rechargeable batteries, providing long-lasting and stable operation.

### Features

- Built-in high-efficiency amplifier drives a two-way speaker system for clear and powerful sound.
- Modular design for receiver, transmitter, and audio player modules.
- Comes with external audio and wired microphone inputs, each with independent volume control.
- Wireless receiver module offers multiple frequency bands options and up to 4 modules can be installed.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Durable and lightweight, easy to carry, with an optional tripod installation.
- Extension speaker socket for wired connection with the MA-505EXP passive speaker and optional wireless interlinking transmitter module for wireless connectivity with multiple active speakers to expand transmission range.
- Features TONE and VOP control on mics. VOP (voice-over-priority) function automatically mutes the music when the microphone is in use.
- Built-in AC power supply and rechargeable batteries, providing long-lasting and stable operation.

# Wireless PA Systems



MA-300/300D

## MA-300

Single Channel Wireless PA System

## MA-300D

Dual Channel Wireless PA System



## Features

- Two-way speaker design enhances treble efficiency and meets various voice and music application needs.
- Built-in UHF or ISM receiver module, providing stable and long-distance reception. Dual channel supports two transmitters.
- Integrated audio input control module with independent volume control for each input and mixed amplification functionality.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Built-in USB player/recorder, alarm siren with fade-in function, and echo effect on mics.
- Built-in rechargeable battery and external AC power supply for long-lasting and stable operation.
- Easy to carry or install, ideal for indoor/outdoor use or camping.

# Wireless Megaphones



MA-200/200D

## MA-200

Single Channel Wireless Megaphone

## MA-200D

Dual Channel Wireless Megaphone



## Features

- Two-way high-efficiency speakers deliver clear and powerful audio across a full frequency range, suitable for both voice and music needs.
- Built-in UHF or ISM receiver module, providing stable and long-distance reception. Dual channel supports two transmitters.
- Integrated audio input control module with independent volume control for each input and mixed amplification functionality.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Built-in USB player/recorder, alarm siren with fade-in function, and echo effect on mics.
- Built-in rechargeable battery and external AC power supply for long-lasting and stable operation.
- Convenient for shoulder-carry or fixed installation, ideal for outdoor gatherings or speeches.



# Wireless Megaphones



MA-100/100D

## MA-100

Single Channel Wireless Megaphone

## MA-100D

Dual Channel Wireless Megaphone



## Features

- Built-in high-efficiency full-range speaker, providing clear and powerful sound output.
- Built-in UHF or ISM receiver module, providing stable and long-distance reception. Dual channel supports two transmitters.
- Integrated audio input control module with independent volume control for each input and mixed amplification functionality.
- Equipped with Bluetooth and TWS technology, offering stable wireless connectivity and stereo sound.
- Built-in USB player/recorder, alarm siren with fade-in function, and echo effect on mics.
- Built-in rechargeable battery and external AC power supply for long-lasting and stable operation.
- Lightweight for shoulder-carry, ideal for outdoor teaching and tours.

# Wireless Megaphones



MA-101G/101B

## MA-101G ISM Wireless Megaphone



### Features

- High-efficiency full-range speaker provides clear and powerful amplification.
- Built-in 5.8 GHz receiver module with stable and long-distance reception.
- Equipped with Bluetooth functionality for wireless music streaming from mobile devices.
- Independent volume adjustment supports multiple audio sources for mixed amplification.
- Suitable for shoulder-carry, hand-carry, or tripod mounting to meet different event requirements.
- Built-in rechargeable battery and external AC power supply for long-lasting and stable operation.

## MA-101B UHF Wireless Megaphone



### Features

- High-efficiency full-range speaker provides clear and powerful amplification.
- Built-in UHF receiver module ensures stable and long-distance reception.
- Independent volume adjustment supports multiple audio sources for mixed amplification.
- Suitable for shoulder-carry, hand-carry, or tripod mounting to meet different event requirements.
- Built-in rechargeable battery and external AC power supply for long-lasting and stable operation.

# Wireless Megaphones

## MA-101ACT Wall-mounted Wireless Megaphone



MA-101ACT



**MA-101EXP**  
Passive Speaker



**MT-101ACT**  
Handheld Transmitter



**MP-101ACT**  
Charging Dock



**MS-11**  
Wall Mount Bracket

## Features

- Compact speaker design with built-in high-efficiency full-range speaker.
- Available to preset with 97 UHF frequencies and automatically synchronize with the transmitter. Reception distance exceeds 60 meters.
- Built-in Bluetooth streaming for easy connection to mobile phones or other Bluetooth devices to play music.
- Paired with the MT-101ACT handheld transmitter for activating the megaphone and adjusting the volume. The transmitter supports multiple microphone inputs, such as lavalier or headworn microphones.
- Extension speaker socket for wired connection with the MA-101EXP passive speaker to extend the sound field.
- Provides clear and powerful sound output, ideal for classrooms and conference rooms.

# Receiver · Transmitter Modules



Receiver Modules

## MRM-70 UHF Analog Receiver Module



### Features

- Antenna diversity receiving.
- 16 preset interference-free channels.
- RF/AF signal strength meters and a volume control knob.

## MTM-91 UHF Analog Transmitter Module



### Compatible Transmitters



## MRM-24 2.4 GHz Digital Receiver Module



### Features

- True diversity receiving.
- 12 preset interference-free channels and each channel supports up to 8 IDs to prevent cross-channel interference.
- RF/AF signal strength meters, channel setting buttons, ACT button and volume control knob.

## MTM-24 2.4 GHz Digital Transmitter Module



### Compatible Transmitters



## MRM-58 5 GHz Digital Receiver Module



### Features

- True diversity receiving.
- 12 preset interference-free channels and each channel supports up to 8 IDs to prevent cross-channel interference.
- RF/AF signal strength meters, channel setting buttons, ACT button and volume control knob.

## MTM-58 5 GHz Digital Transmitter Module



### Compatible Transmitters



# Audio Player Modules



Audio Player Modules

## DPM-3P SD / USB Digital Player & Recorder Module



## CDM-3A CD / USB Player & Recorder Module



## CDM-2 CD / USB Player Module



## CDM-2P CD / USB Player Module ( for MA-707 only )







# Rechargeable Batteries

Model	MB-5	MB-10	MB-25	MB-28	MB-35	MB-38A	MB-70	MB-80
Type	18500 Li-ion battery	Li-ion battery pack	Li-ion battery pack	8 × 26650 Li-ion battery	Li-ion battery pack	8 × 32700 Li-ion battery	Sealed Lead-acid battery	Li-ion battery case
Photo								
Compatible Models	Rechargeable transmitters and receivers	MA-100 MA-200 MA-300	MA-101G MA-101B	MA-727	MA-505	MA-929 PLUS MA-828 PLUS	MA-707 MA-708 MA-808	MA-707 MA-708 MA-808

# Other Accessories

## Stands

Model	MS-11	MS-30	MS-70	MS-90
Name	Wall Mount Bracket	Tripod Stand	Tripod Speaker Stand	Wall Mount Kit
Photo				
Compatible Models	MA-101ACT	MA-100 / 101B / 101G / 200 / 300	MA-505 / 707 / 708 / 808 / 727 / 828 PLUS / 929 PLUS	MA-300

## Storage | Carry Bags

Model	SC-100	SC-200	SC-300	SC-505	SC-707	SC-708	SC-808	SC-727	SC-828	SC-929
Name	Carry Bag			Dusk Cover						
Photo										
Compatible Models	MA-100 MA-101B MA-101G	MA-200	MA-300	MA-505	MA-707	MA-708	MA-808	MA-727	MA-828 PLUS	MA-929 PLUS

## Extension Speakers

Model	MA-101EXP	MA-505EXP	MA-707EXP	MA-708EXP	MA-808EXP
Name	Passive Extension Speaker				
Photo					

# Wireless PA Systems Comparison



Model		MA-929 PLUS	MA-828 PLUS	MA-727	MA-808	MA-708	MA-505	MA-707
Max. SPL		110 dB	109 dB	108 dB	116 dB	108 dB	105 dB	107 dB
Drivers	Treble	1 inch	1 inch	1 inch	1.5 inches	1.5 inches	1 inch	8 inches full range
	Woofers	2 × 8 inches	2 × 6 inches	2 × 5 inches	2 × 10 inches	2 × 8 inches	2 × 8 inches	
Output Power		290 W RMS 505 W peak	290 W RMS 505 W peak	170 W RMS 295 W peak	267 W RMS 465 W peak	190 W RMS 325 W peak	145 W RMS 248 W peak	100W RMS 170 W peak
Audio Input	MIC IN	2 × Combo XLR	2 × Combo XLR	2 × Combo XLR	XLR 6.3 mm	XLR 6.3 mm	XLR 6.3 mm	XLR 6.3 mm
	LINE IN	3.5 mm 6.3 mm	3.5 mm 6.3 mm	3.5 mm 6.3 mm	RCA	RCA	3.5 mm	6.3 mm
Audio Output	LINE OUT	6.3 mm	6.3 mm	6.3 mm	RCA	RCA	3.5 mm	6.3 mm
	SUB OUT	6.3 mm	6.3 mm	6.3 mm	N/A	N/A	N/A	N/A
Amplifier		Class D & Class AB	Class D & Class AB	Class D & Class AB	Class D & Class AB	Class D	Class D	Class AB
Frequency Range		65 Hz – 17 kHz	65 Hz – 17 kHz	85 Hz – 17 kHz	50 Hz – 18 kHz	50 Hz – 18 kHz	70 Hz – 14 kHz	70 Hz – 14 kHz
DSP Digital Effects		Yes	Yes	Yes	N/A	N/A	N/A	N/A
Receiver Modules		Up to 8	Up to 4	Up to 2	Up to 4	Up to 4	Up to 4	Up to 2
Transmitter Modules		Optional	Optional	Optional	Optional	Optional	Optional	N/A
Audio Players		Plug-in Bluetooth module and integrated recorder/player with SD/USB slots	Plug-in Bluetooth module and integrated recorder/player with SD/USB slots	Plug-in Bluetooth module and integrated recorder/player with SD/USB slots	Bluetooth	Bluetooth	Bluetooth	N/A
Optional Audio Players		CDM-2	CDM-2	N/A	DPM-3P CDM-2 CDM-3A	DPM-3P CDM-2 CDM-3A	DPM-3P CDM-2 CDM-3A	CDM-2P
Battery Type		8 × 32700 Li-ion batteries (MB-38A)	8 × 32700 Li-ion batteries (MB-38A)	8 × 26650 Li-ion batteries (MB-28)	Built-in two Lead-acid battery packs (MB-70)	Built-in two Lead-acid battery packs (MB-70)	Built-in one Lead-acid battery packs (MB-35)	Built-in two Lead-acid battery packs (MB-70)
Battery Hours		9 hours	9 hours	6 hours	7 hours	7 hours	8 hours	8 hours
Weight (Approx.)		20.3 kg	13.8 kg	9.4 kg	18.0 kg	15.3 kg	8.0 kg	12.3 kg

# Wireless Megaphones Comparison



Model		MA-300D	MA-300	MA-200D	MA-200	MA-100D	MA-100	MA-101G	MA-101B	MA-101ACT
Max. SPL		105 dB		103 dB		101 dB		107 dB	107 dB	104 dB
Drivers	Treble	1 inch		1 inch		5 inches full range		5 inches full range	5 inches full range	5 inches full range
	Woofer	5 inches		5 inches				5 inches full range	5 inches full range	5 inches full range
Output Power		60 W RMS 102 W peak		60 W RMS 102 W peak		50 W RMS 85 W peak		50 W RMS 85 W peak	45 W RMS 76 W peak	50 W RMS 85 W peak
Audio Input	MIC IN	6.3 mm		6.3 mm		6.3 mm		6.3 mm	6.3 mm	6.3 mm (MIC IN or LINE IN)
	LINE IN	3.5 mm		3.5 mm		3.5 mm		3.5 mm	3.5 mm	
Audio Output	LINE OUT	3.5 mm		3.5 mm		3.5 mm		3.5 mm	3.5 mm	6.3 mm
Amplifier		Class D		Class D		Class D		Class D	Class AB	Class D
Frequency Range		80 Hz – 18 kHz		80 Hz – 18 kHz		100 Hz – 16 kHz		125 Hz – 18 kHz	125 Hz – 18 kHz	125 Hz – 17 kHz
Receiver Modules		2 × UHF or ISM 5.8 GHz module	1 × UHF or ISM 5.8 GHz module	2 × UHF or ISM 5.8 GHz module	1 × UHF or ISM 5.8 GHz module	2 × UHF or ISM 5.8 GHz module	1 × UHF or ISM 5.8 GHz module	1 × ISM 5.8 GHz module	1 × UHF module	1 × UHF module
Audio Players		Plug-in Bluetooth module & USB Recorder/Player		Plug-in Bluetooth module & USB Recorder/Player		Plug-in Bluetooth module & USB Recorder/Player		Bluetooth	N/A	Bluetooth, MT-101ACT
Battery Type		Li-ion battery pack (MB-10)		Li-ion battery pack (MB-10)		Li-ion battery pack (MB-10)		Li-ion battery pack (MB-25)	Li-ion battery pack (MB-25)	N/A
Battery Hours		> 10 hours		> 10 hours		> 10 hours		> 10 hours	> 10 hours	N/A
Weight (Approx.)		2.7 kg		2.4 kg		1.9 kg		2.1 kg	2.1 kg	2.2 kg



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