

Awarded "2012 National Invention and Creation Award"

MIPRO is a company driven by the latest wireless technology and an obsession to design, manufacture and market wireless microphone products and is widely considered a top five brand worldwide. In 2011 MIPRO was awarded the prestigious "First Brand" and "Gold Medal Quality Product" by Taiwan Fine Manufacturers Association and in 2012 the National Invention and Creation Award by Taiwan's Intellectual Property Office.



MIPRO[®]
MICROPHONE PROFESSIONALS

Portable Wireless PA Systems

2013
General Catalog

A Masterpiece of Art & Technology



MIPRO[®]
MICROPHONE PROFESSIONALS

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Company Profile

Inception

MIPRO was founded in 1995 in Chiayi, Taiwan by CEO and legendary RF & audio engineer, K. C. Chang. Solomon Chang is the company president. Corporate headquarters, strategically located in the heart of the city, is housed in an ultra modern, 7-floor, 13,500-square-meter production and office facility. This modern facility is ISO-9001: 2008 certified by German TÜV . There is a Taipei office & showroom.

Mission Statement

Our motto is "innovation, quality and satisfied users". The brand name "MIPRO" came from the words Microphone PROfessionals and products are marketed globally via a network of authorized distributors. All products are designed by a seasoned R&D team, produced in advanced facility using latest wireless technology and made in Taiwan. MIPRO is a reputable Taiwanese company and one of the well-known wireless microphone brands in the world.

Differentiation

MIPRO products are designed for professional, commercial and consumer markets. The products are ergonomically designed, innovative, functional and in compliance to worldwide telecom and safety standards.

MIPRO has introduced such innovations as the ACT (Automatic Channel Targeting) feature which facilitates simple frequency synchronization between receiver and transmitter, color LCD & VFD displays for clear viewing as well as the contour-shaped handheld transmitter microphones and fitted with high quality true condenser & dynamic microphone capsules for outstanding audio quality.

Sales Channels

MIPRO wireless systems are distributed worldwide via an authorized, strong international network of 80 distributors. They provide audio reinforcement solutions in fixed installations, live performances and portable applications in education, houses of worship, corporate AV, entertainment, government, military and karaoke markets. MIPRO is Taiwan's biggest wireless microphone brand, producer and has the largest domestic market share.

Achievements

MIPRO has won 2012 National Invention & Creation Award and the prestigious "First Brand" & "Gold Medal Quality Product" awards by Taiwan Manufacturers Association in 2011.

Our wireless products have won Taiwan Excellence awards, often nominated in USA's TEC wireless technology awards & proclaimed as one of the five new AV companies by Gary Kayye, a respected USA-based AV consultant, educator and instructor.



Personal Wireless PA Systems

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MA-100su Single-Channel Personal Wireless PA System



Patents :
Taiwan Utility M409663, M409662
Design D143790, D143791
China Utility ZL201120076295.2, ZL201120076293.3
Design ZL201130046607.0, ZL201130046594.7
U.S. Design D653238
Design D651596

MA-100du Dual-Channel Personal Wireless PA System



Profile

MA-100 is ultra compact, ultra light and robust design ensures high reliability. This easy-to-use system can be hand-carried, shoulder strapped or mounted on a microphone stand and is an excellent public address solution for small crowds.

Features

1. Rugged yet lightweight one-piece molded cabinet.
2. Hand-carry, shoulder strapped or mounted on a microphone stand.
3. Built-in 1 or 2 diversity receivers for reliable, extended reception range.
4. Built-in USB music player & recorder with LCD screen.
5. Built-in alarm siren provides emergency warnings.
6. User-friendly control panel provides intuitive easy operation.
7. High efficiency class-D amplifier drives full-range speaker.
8. Switching power supply efficiently provides a regulated output voltage.
9. AC and lithium rechargeable battery operation.
10. Available in black or white color.

Ideal Applications

- School classrooms
- Places of worship
- Presentations, seminars and meetings
- Day-care activities; playground duty
- Indoor/outdoor gatherings
- Tour guides & Paging
- Fire fighters, law enforcement, search & rescue squads
- Street performers
- Factory and company tours

Specifications

Model	MA-100su	MA-100du
	Portable PA	
Max. Power Output	50 Watts	
Amplifier	Class D	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Loudspeaker	5 " full-range, high efficiency	
Audio Inputs	Wired	6.3 mm (1/4 ") optional MM-107 microphone
	Line-In	3.5 mm (1/8 ")
Audio Output	3.5 mm (1/8 ")	
Installation	Microphone stand, table mounted, shoulder belt	
Power Supply	AC	External 100~240V AC switching power supply
	DC & Battery	Built-in 14.8V/2.6AH rechargeable lithium battery
Charge Time	Up to 4 hours (automatic charging management)	
Standby Time	Up to 12 ours	Up to 10 hours
Battery Indicator	4-level indicator (25/50/75/100%)	
Dimensions (W × H × D)	135 × 140 × 240 mm (5.3 × 5.5 × 9.4 ")	
Weight (battery included)	Approx. 1.8 kg (3.9 lbs)	Approx. 1.9 kg (4.1 lbs)
Color	Black or white option	
	Wireless System	
Receiver Channel	Single	Dual
Frequency Range	UHF 480~934 MHz (country dependent)	
Bandwidth	24 MHz	
Preset Channels	16	
Channel Set-up	Scan & ACT sync	
Transmitter	ACT-30H Handheld ACT-30T Bodypack	
Antenna	Built-in	
	Audio Player	
Built-in 2.0 USB Port	Yes	
Play & Record	Yes	
Operation	On-board. USB remote control included.	
Patents & Approvals	Patented. Telecom and safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-101A Personal Wireless PA System

NEW

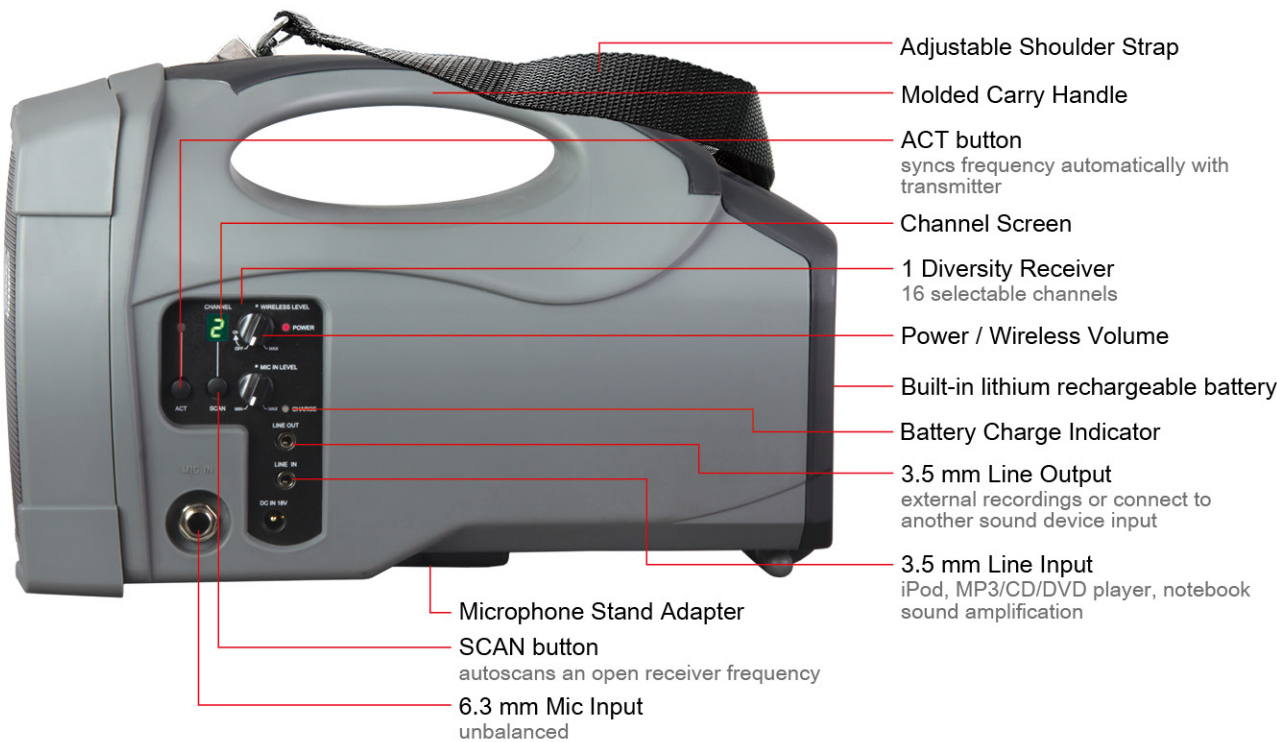


Transmitters



ACT-30H ACT-30T

Controls and Indicators



Profile

For over 16 years, MA-101 has been mass-produced and it remains a market-leading system as MIPRO ensures product design, craftsmanship and reliability are second to none. Now, a new model MA-10A is introduced and upgraded to rechargeable lithium battery from sealed lead-acid battery for improved reliability, longer life, reduced weight and higher performance. Grayish black color design for production differentiation as well an upgraded ACT handheld transmitter microphone.

Lightweight, robust and battery operated, it can be hand carried, shoulder strapped or mounted on a microphone stand and ideal for addressing a small crowds.

Features

- 1. Lightweight, contoured and ultra portable design.
- 2. Can be hand carried, shoulder-strapped, on a flat surface or mounted on a microphone stand.
- 3. Up to 10 hours of standby time per 4-hour charge.
- 4. Built-in 1 diversity receiver for reliable, extended reception range.
- 5. AC and lithium rechargeable battery operation.
- 6. Powerful and crystal-clear sound projection thanks to high efficiency amplifier drives a full-range speaker.

Ideal Applications

- School classrooms
- Places of worship
- Presentations, seminars and meetings
- Day-care activities; playground duty
- Indoor/outdoor gatherings
- Tour guides & Paging
- Fire fighters, law enforcement, search & rescue
- Street performers
- Factory or company tours

Specifications

Portable PA		
Max. Power Output		45 Watts
Amplifier		Class AB
T.H.D.		< 1%
Frequency Response		60 Hz~15 kHz
Loudspeaker		5 " full-range, high efficiency
Audio Inputs	Wired	6.3 mm (1/4 ") optional MM-107 microphone
	Line-In	3.5 mm (1/8 ")
Audio Output		3.5 mm (1/8 ")
Installation		Microphone stand, table mounted, shoulder belt
Power Supply	AC	External 100~240V AC switching power supply
	DC & Battery	Built-in 14.8V/2.6AH rechargeable lithium battery (MB-25)
Charge Time		Up to 4 hours (automatic charging management)
Standby Time		Up to 10 hours
Battery Indicator		Single LED indicator
Color		Grayish Black
Dimensions (W × H × D)		160 × 178 × 285 mm (6.3 × 7 × 11.2 ")
Weight (battery included)		Approx. 2.2 kg (4.8 lbs)
Wireless System		
Receiver Channel		Single
Frequency Range		UHF 480~934 MHz (country dependent)
Bandwidth		24 MHz
Preset Channel		16
Channel Set-up		Scan & ACT sync
Transmitter		ACT-30H Handheld ACT-30T Bodypack
Antenna		Built-in
Patents & Approvals		Patented. Telecom and safety regulations approved.
Notes		Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.

MA-202 Personal Wireless PA System



Patents : Taiwan Design D126294

Controls and Indicators



Profile

MA-202 is the flagship of personal wireless PA systems. This powerful system boasts versatile feature such as built-in convenient storage compartment and battery charger for ACT-202T handheld transmitter microphone. Lightweight, robust and battery operated, it is an ideal public address solution for small to medium crowds.

MA-202 Features

1. Culmination of personal wireless PA designs.
2. Light, compact and portable design.
3. Powerful and crystal-clear sound projection.
4. High efficiency class-D amplifier drives 2-way loudspeakers with level limiter.
5. Built-in 1 diversity receiver for reliable, extended reception range.
6. One-touch Scan & ACT sync buttons for fast and easy channel set-up.
7. AC and lithium rechargeable battery operation.
8. Up to 8-hour of stand-by time per 4-hour full charge.
9. USB & SD music player with LCD screen and individual volume controls.
10. Optional ACT-30H handheld transmitter for improved sound quality.
11. Convenient storage compartment and battery charger for ACT-202T handheld microphone.
12. 4-segment battery meter for accurate MA-202 battery readings and charging status.
13. 3-segment battery meter for accurate ACT-202T battery readings and charging status.
14. Receiver volume can be adjusted by MA-202 volume control or wirelessly via ACT-202T.

ACT-202T Features

1. Compact, lightweight and easy to use.
2. Quality condenser microphone ensures loud and clear vocal quality.
3. Level control allows wireless volume adjustment.
4. Can be hand-held or worn as a neck lanyard for hands-free operation.
5. Can be re-charged and stored inside the MA-202.
6. Amazing 24 operating hours per charge.

Ideal Applications

- School classrooms
- Places of worship
- Presentations, seminars and meetings
- Day-care activities; playground duty
- Tour guides & Paging
- Fire fighters, law enforcement, search & rescue
- Street performers
- Factory or company tours

MA-202 Specifications

Portable PA		
Max. Power Output	56 Watts	
Amplifier	Class D	
T.H.D.	< 1 %	
Frequency Response	50 Hz~18 kHz	
Loudspeaker	1 " Tweeter and 5 " Woofer	
Audio Input	Wired	6.3 mm (1/4 ")
	Wireless	Single-Channel
	Digital Player	USB 2.0 and SD Card Reader
	Line-In	6.3 mm (1/4 ")
Volume Control	Wired, Wireless, Line-in & Digital Player	
Installation	Microphone stand, table mounted, shoulder belt	
Power Supply	External 100~240V AC switching power supply. Built-in 14.8V/2.6AH rechargeable lithium battery (MB-25)	
Charge Time	Up to 4 hours	
Standby Time	Up to 8 hours	
Battery Indicator	4-level indicator (25/50/75/100%)	
Color	Black	
Dimensions (W × H × D)	163 × 206 × 306 mm (6.4 × 8.1 × 12 ")	
Weight	Approx. 3.1 kg (6.8 lbs), battery included	
Wireless System		
Receiver	Single-Channel with Scan and ACT Sync	
Frequency Range	UHF 480~934 MHz	
Bandwidth	24 MHz	
Preset Channels	16	
Antenna	Built-in	
Transmitter	ACT-202T Optional ACT-30H	
Digital Audio Player		
Player	Built-in USB 2.0 port and SD Card reader	
Patents & Approvals	Patented. Telecom and safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with regulations of different countries.	

ACT-202T Specifications

Oscillation	PLL Synthesized
Frequency Range	UHF 480~934 MHz
Channel Set-Up	ACT Sync
Power Output	10~30 mW (country dependent)
Spurious Emissions	< -55dBc
Key Feature	Built-in volume level control
Battery	Rechargeable lithium battery
Charge Time	Up to 6 hours
Operating Time	Up to 24 hours
Dimensions (W × H × D)	182 × 42 × 32 mm (7.1 × 1.6 × 1.3 ")
Weight	Approx. 128 g (4.5 oz), battery included
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.

MA-101ACT Wireless Classroom PA System

Patents : Taiwan Design 86791 China Design ZL02350861.2



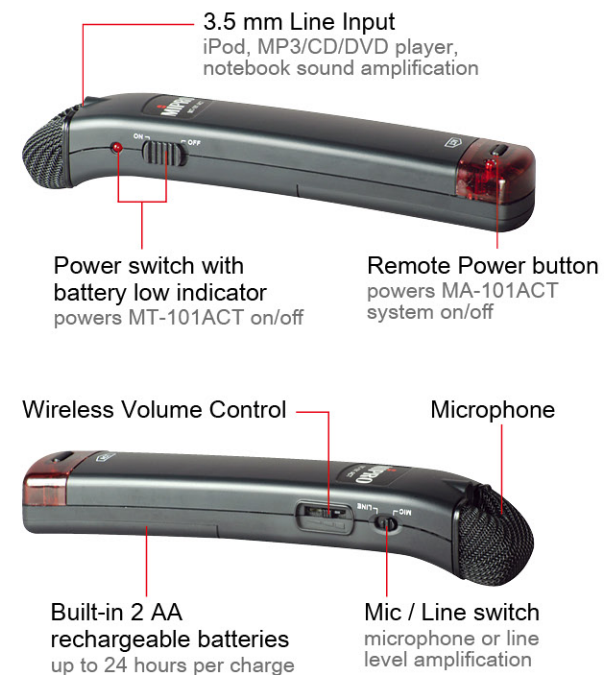
Optional Accessories



MA-101ACT Back Panel



MT-101ACT Controls and Indicators



Profile

The system is designed so that each teacher can carry their own personal wireless microphone from classroom to classroom. When they enter a new class, they can sync to the MA-101ACT installed in that classroom and they system is ready to use.

The wireless microphone can be handheld or worn around neck. It allows the teacher to remotely turn the system on & off as well as to adjust the volume wirelessly. An external audio source such as iPod, MP3, CD, DVD or PC can also be connected to the same wireless microphone and heard through the speaker system. A drop-in charger (MP-101ACT) ensures the microphone is always charged and ready to use.

Features

- 1. Powerful 45 watts output.
- 2. Easy speaker mounting to wall or ceiling.
- 3. Featuring Industry's only all-in-one, versatile MT-101ACT transmitter microphone.
- 4. Compact, ultra-lightweight and powered via rechargeable or disposable alkaline batteries.
- 5. Same MT-101ACT transmitter microphone can be used in up to 97 different rooms.
- 6. Power on/off and volume loudness can be wirelessly remote controlled.
- 7. MT-101ACT can be a handheld or worn as a neck lanyard for hands-free operation with an optional external headset microphone.
- 8. Built-in 3.5mm mini-jack line-input (mono) accepts CD/iPod/mp3 player/tape/mini-disc/computer for amplification.
- 9. 24 operating hours per fast charge.

Ideal Applications

- Multiple classrooms
- Multiple meeting rooms
- Tours for factories, companies, zoos







Specifications

Max. Power Output	45 Watts
T.H.D.	< 1%
Frequency Response	60 Hz~15 kHz
Loudspeaker	5 " full-range high efficiency
Power Supply	Built-in 100~240V AC detachable switching power supply
Dimensions (W x H x D)	190 x 275 x 155 mm (7.5 x 10.8 x 6.1 ")
Weight	Approx. 2.3 kg (5 lbs)
Color	Black
Wireless System	
Frequency Range	UHF 480~934 MHz
Receiver Channel	Each swappable module has 97 UHF selectable frequencies
Transmitter	MT-101ACT
Audio Inputs	MT-101ACT accepts 3.5 mm Mic or Line audio input
Transmitter Battery	Detachable rechargeable battery & charger attached
Charge Time	Up to 3 hours: fast charge
Operating Time	Up to 24 hours
Antenna	Built-in
Approvals	Patented. Telecom and safety regulations approved.
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.

Personal Wireless PA Systems

Model Comparison Chart

Model	MA-100su	MA-100du	MA-101A	MA-202
				
Max. Power Output	50 Watts		45 Watts	56 Watts
Amplifier	Class D		Class AB	Class D
T.H.D.	< 1%			
Speaker	5 " Full-Range			1 " Tweeter 5 " Woofer
Power Supply	External 100~240V AC switching power supply			
Built-In Battery	Rechargeable Lithium Battery x 1			
Charge Time	Up to 4 hours			
Standby Time	Up to 12 hours	Up to 10 hours	Up to 10 hours	Up to 8 hours
Battery Indicator	4-level Indicator		Single Indicator	3-level Mic & 4-level Amp Indicators
Line-In	3.5 mm (1/8 ")			6.3 mm (1/4 ")
Line-Out	3.5 mm (1/8 ")			N/A
Mic-In	6.3 mm (1/4 ") × 1			
Installation	Shoulder Strap, Hand Carry , Flat Surface or Microphone Stand			
Tripod Stand	MS-30			
Storage Compartment	N/A			ACT-202T Handheld
Storage Cover	SC-10			SC-20
Dimensions (W × H × D)	135 × 140 × 240 mm (5.3 × 5.5 × 9.4 ")		160 × 178 × 285 mm (6.3 × 7 × 11.2 ")	163 × 206 × 306 mm (6.4 × 8.1 × 12 ")
Approx. Weight (battery included)	1.8 kg (3.9 lbs)	1.9 kg (4.1 lbs)	2.2 kg (4.8 lbs)	3.1 kg (6.8 lbs)
Color	Black, optional White		Grayish Black	Black
Wireless System				
Maximum Receiver	1	2	1	
Receiver Installation	Built-in Fixed			
Preset Channels	16			
Channel Set-Up	Scan & ACT Sync			
Transmitter	ACT-30H Handheld ACT-30T Bodypack			ACT-202T ACT-30H ACT-30T Bodypack
Frequency Range	480~934 MHz (country dependent)			
Bandwidth	24 MHz			
Digital Audio Player				
Built-in USB Port	Yes		N/A	Yes
USB Play & Record	Yes		N/A	USB play only
Digital Audio Player	Built-in USB		N/A	Built-in USB, SD card reader

Portable Wireless PA Systems

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26 Wireless Mixer

27 Model Comparison Chart



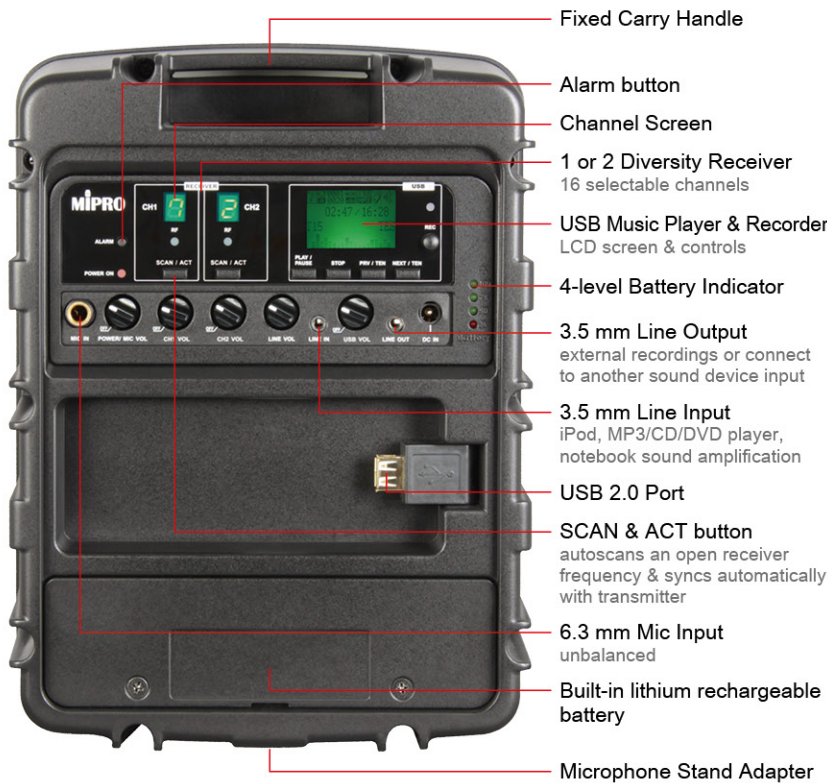
MA-303su Single-Channel Portable Wireless PA System

Rear Panel NEW



MA-303du Dual-Channel Portable Wireless PA System

Controls and Indicators Transmitters NEW



Remote control

Profile
MA-303 is a compact, ultra light and robust design wireless PA system. This features-loaded and easy-to-use system can be hand carried, or mounted on a microphone stand and is an excellent public address solution for small to medium crowds.

- Features**
- 1. Best-in-class performance.
 - 2. Ultra light, ultra compact and ultra portable design.
 - 3. Powerful and crystal-clear sound projection.
 - 4. One-touch Scan & ACT sync button for fast and easy channel set-up.
 - 5. User-friendly control panel provides intuitive easy operation.
 - 6. Built-in USB music player & recorder with LCD screen.
 - 7. Built-in alarm siren provides emergency warnings.
 - 8. High efficiency class-D amplifier drives 2-way speakers with level limiter.
 - 9. AC and lithium rechargeable battery operation.
 - 10. Up to 11 hours of stand-by time per 4-hour full charge.
 - 11. A smart 4-segment battery meter for accurate battery reading and charging status.
 - 12. Available in black or white color.
- Ideal Applications**
- School classrooms & halls
 - Places of worship
 - Presentations, seminars and meetings
 - Day-care activities; playground duty
 - Indoor/outdoor gatherings
 - Paging
 - Shopping center & trade show presentations and promotions.
 - Street performers
 - Aerobic and fitness centers
 - Recreational and social activities

Specifications

Model		MA-303su	MA-303du
Portable PA			
Max. Power Output		60 Watts	
Amplifier		Class D	
T.H.D.		< 1%	
Frequency Response		50 Hz~18 kHz	
Speaker		1 " Tweeter & 5 " Woofer	
Audio Inputs	Wired	6.3 mm (1/4 ")	
	Line-In	3.5 mm (1/8 ")	
Audio Output		3.5 mm (1/8 ")	
Installation		Microphone stand, table mounted, shoulder belt	
Power Supply	AC	External 100~240V AC switching power supply	
	DC & Battery	Built-in 14.8V/2.6AH rechargeable lithium battery	
Charge Time		Up to 4 hours (automatic charging management)	
Standby Time		Up to 11 hours	Up to 9 hours
Battery Indicator		4-level indicator (25/50/75/100%)	
Color		Black, White	
Dimensions (W × H × D)		210 × 276 × 165 mm (8.3 × 11 × 6.5 ")	
Weight (battery included)		Approx. 2.7 kg (6 lbs)	Approx. 2.8 kg (6.2 lbs)
Color		Black or white option	
Wireless System			
Receiver Channel		Single	Dual
Frequency Range		UHF 480~934 MHz	
Bandwidth		24 MHz	
Preset Channels		16	
Channel Set-up		Scan & ACT sync	
Transmitter		ACT-30H Handheld ACT-30T Bodypack	
Antenna		Built-in	
Audio Player			
Built-in USB Port		Yes	
USB Play & Record		LCD displays track name, number, time, recording status.	
Patents & Approvals		Patented. Telecom and safety regulations approved.	
Notes		Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with regulations of different countries.	

MA-505 Portable Wireless PA System

NEW



Transmitters



ACT-30H



ACT-30T

Model shown with accessories



- Fixed Carry Handle
- CDM-2 CD/USB Music Player
- 1 or 2 MRM-70 Diversity Receiver
- 16 selectable channels
- MT-91 Interlinking Transmitter
- 16-ch., extends transmission range
- 4-level Battery Indicator
- Built-in DMP-3 digital recorder
- Built-in 1 or 2 Diversity Receiver
- 16 selectable channels
- Balanced XLR Mic Input
- Alarm button
- emergency warning siren sound
- Voice Over Priority Switch
- mutes music when wireless mic is used
- 3.5 mm Line Input
- iPod, MP3/CD/DVD player,
- notebook sound amplification
- Cable Storage
- Extension Speaker Socket
- passive speaker
- Built-in lithium rechargeable
- battery
- Speaker Stand Adapter

Optional Accessories



CDM-2 CD/USB Player Module



MRM-70 Single-channel Diversity Receiver Module



MT-91 Single-channel Diversity Receiver Module

Profile

MA-505 delivers unparalleled audio performance and craftsmanship. The rugged one-piece speaker cabinet houses a high efficient class-D amplifier that drives high sensitivity two-way loudspeakers and limiter circuitry reduces distortion and increases intelligibility for guaranteed powerful and clear sound. Built-in digital audio player with optional CD player and interlinking transmitter/receiver package for extended transmission range. It offers an ideal public address solution for medium crowds.

Features

- MA-505 is the culmination of years of portable PA design.
- 145-watt power of loud and clear sound via high efficient class-D amplifier.
- Powerful and crystal-clear sound projection.
- Built-in 1 diversity receiver with options for 3 diversity receiver expansion.
- One-touch Scan & ACT sync buttons for fast and easy channel set-up.
- Rugged one-piece molded enclosure houses 1 " titanium compression driver & 8 " woofer.
- Industry's only MT-91 wireless interlinking transmitter option to interlink multiple MA-505 portables wirelessly to extend transmission range and expand coverage.
- Amplification from a variety of audio sources such as both wired and wireless microphones, MP3/CD players, etc.
- A voice priority feature that mutes the music when wireless microphone is used.
- Built-in alarm siren provides emergency warnings.
- Built-in AC switching power supply for universal usage and fast battery charge.
- A smart 4-segment battery meter for accurate battery reading and charging status.
- Fits speaker stand with a built-in cable storage compartment.
- AC and lithium rechargeable battery operation.
- Up to 8 hours of stand-by time per 4-hour full charge.
- Available in black or white color.
- 100% design and made in Taiwan.

Ideal Applications

- School classrooms & halls
- Places of worship
- Presentations, seminars and meetings
- Day-care activities; playground duty
- Indoor/outdoor gatherings
- Weddings & funeral services
- Shopping center & trade show presentations and promotions.
- Street performers
- Aerobic and fitness centers
- Recreational and social activities

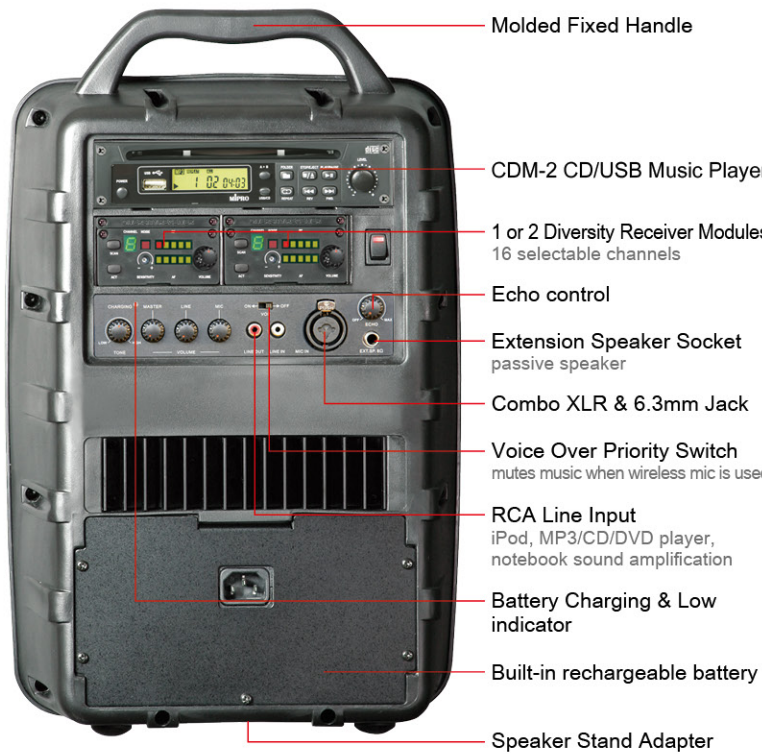
Specifications

Portable PA		
Power Output	100W(rms)/ 4Ω , 145W(max)/ 4Ω	
Amplifier	Class D	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Speaker	Tweeter	1 " Tweeter
	Bass	8 " Woofer
Audio Inputs	Wired	XLR balanced & unbalanced 6.3 Ø mm (1/4 ")
	Wireless	Up to 4
	Audio Player	Built-in DPM-3 or optional CDM-2
	Line-In	3.5 Ø mm (1/8 ") mini-jack
Audio Output	3.5 Ø mm (1/8 ") mini-jack	
Extension Speaker	unbalanced 6.3 Ø mm (1/4 ") jack	
Volume	Individual volume control	
Functions	Tone control, VOP, optional Echo control	
Alarm Siren	siren sound with fade-in mode	
Storage	For AC power cable	
Installation	Hand carry, Flat surface or on a microphone stand.	
Power Supply	AC	Built-in 100~240V AC switching power supply
	DC & Battery	External DC connector. Built-in 25V/4.5A rechargeable lithium
Charge Time	Up to 4 hours (automatic charging management)	
Standby Time	Up to 8 hours	
Battery Indicator	4-level LED indicator (25/50/75/100%)	
Color	Black, White	
Dimensions (W × H × D)	400 × 285 × 225 mm (15.7 × 11.2 × 8.9 ")	
Weight	Approx. 8.5 kg (18.7 lbs), lithium battery included.	
Wireless System		
Built-in Fixed Receiver	Dual-channel UHF PLL Receivers with AutoScan & ACT sync.	
Frequency Range	480~934 MHz	
Preset Channels & Bandwidth	16 preset channels in 24 MHz frequency band.	
Expansion Receiver	UP to 2 MRM-70 receiver modules	
Maximum Receiver	Up to 4 total. Two fixed built-in and two expansion options.	
Antenna	Built-in proprietary active high efficiency antenna	
Transmitter	ACT-30H Handheld ACT-30T bodypack	
Microphone	MM-107	
Interlinking Transmitter	MT-91 module	
Installation	Plug-n-play for optional modules	
Audio Player		
Built-in Fixed Audio Player	DPM-3 player & recorder - USB 2.0 / SDHC SD	
Audio Remote Control	Supplied remote control operates the DPM-3 or CDM-2 standing from the front or rear of MA-505.	
Optional Audio Player	CDM-2 CD/USB player (detachable module)	
Patents & Approvals	Patented. Telecom & safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-705 Portable Wireless PA System



Model shown with accessories



Transmitters



ACT-30H ACT-30T

Optional Accessories



CDM-2 CD/USB Player Module



MRM-70 Single-channel Diversity Receiver Module

Profile

Boasting more than ten years of mass production, MA-705 remains a product leader due to its compact, rugged and reliability design. This system delivers loud and clear sound quality and is ideal for small to medium crowds.

Features

- 1. Delivers a powerful 70 Watts of high fidelity and high efficient sound through full range speaker.
- 2. Lightweight, compact & sleek design. Install on a speaker stand, flat surface or hand carried.
- 3. Up to 2 diversity receivers can be installed for reliable, extended reception range.
- 4. One-touch Scan & ACT sync buttons for fast and easy channel set-up.
- 5. Amplification from a variety of audio sources such as both wired and wireless microphones, MP3/CD players, etc.
- 6. A voice priority feature that mutes the music when wireless mic is used.
- 7. Built-in AC switching power supply for universal usage and fast battery charge.
- 8. AC and rechargeable battery operation.

Ideal Applications

- School classrooms & halls
- Places of worship
- Presentations, seminars and meetings
- Day-care activities; playground duty
- Indoor/outdoor gatherings
- Weddings & funeral services
- Shopping center & trade show presentations and promotions
- Street performers
- Aerobic and fitness centers
- Recreational and social activities

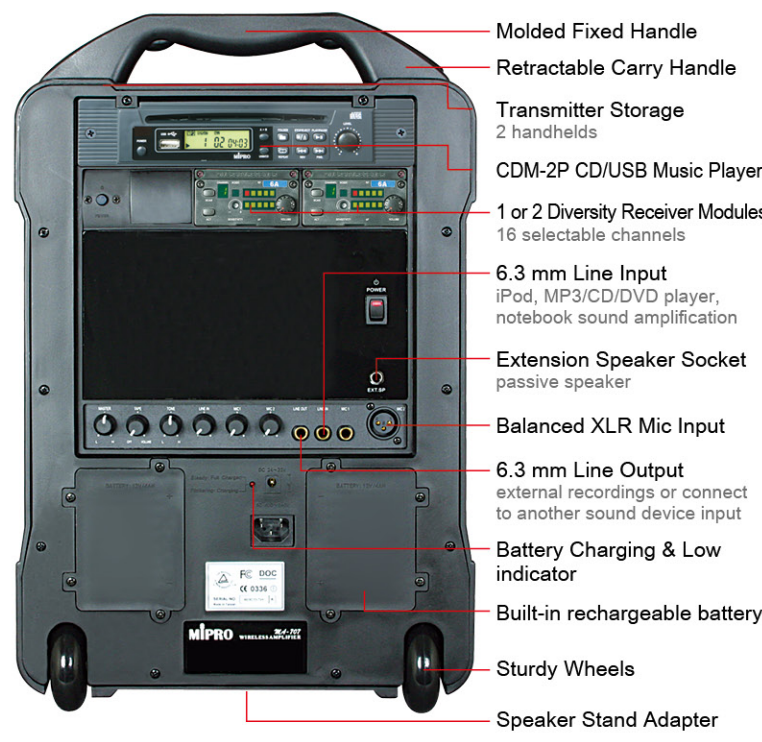
Specifications

Portable PA		
Max. Power Output	70 Watts	
Amplifier	Class AB	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Speaker	8 " full-range	
Audio Inputs	Wired	Combo XLR & 6.3 mm (1/4 ")
	Wireless	Up to 2 wireless microphones
	CD Player	CD, USB port
	Line-In	Unbalanced RCA jack
Audio Output	Unbalanced line RCA jack	
Extension Speaker	6.3 mm (1/4 ") Phone jack	
Volume	Master and other individual controls	
Controls	Tone control, Echo control on wireless mics	
Installation	Speaker stand, flat surface or fixed handle	
Power Supply	AC	Built-in 100~240V AC switching power supply
	DC & Battery	12V/2.9AH rechargeable gel cell battery
Charge Time	Up to 6 hours (automatic charging management)	
Standby Time	Up to 7 hours	
Battery Indicator	Single LED Indicator	
Dimensions (W × H × D)	285 × 400 × 225 mm (11.2 × 15.7 × 8.9 ")	
Weight	Approx. 9.8 kg (21.6 lbs), batteries included	
Wireless System		
Receiver	MRM-70	
Max. Receiver	Up to 2	
Transmitter	ACT-30H Handheld ACT-30T Bodypack	
Microphone	MM-107 Wired Dynamic Microphone	
Installation	Plug-in Module	
Antenna	Built-in	
Audio Player		
Model	CDM-2	
Installation	Plug-in Module	
Patents & Approvals	Patented. Telecom & safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-707 Portable Wireless PA System



Model shown with accessories



- Molded Fixed Handle
- Retractable Carry Handle
- Transmitter Storage
2 handhelds
- CDM-2P CD/USB Music Player
- 1 or 2 Diversity Receiver Modules
16 selectable channels
- 6.3 mm Line Input
iPod, MP3/CD/DVD player,
notebook sound amplification
- Extension Speaker Socket
passive speaker
- Balanced XLR Mic Input
- 6.3 mm Line Output
external recordings or connect
to another sound device input
- Battery Charging & Low
indicator
- Built-in rechargeable battery
- Sturdy Wheels
- Speaker Stand Adapter

Transmitters



ACT-30H



ACT-30T

Optional Accessories



CDM-2P CD/USB Player Module



MRM-70 Single-channel Diversity Receiver Module

Profile

For over 16 years, MA-707 has been mass-produced and sold in over 80 countries and it remains a market-leading system as MIPRO ensures product design, craftsmanship and reliability are second to none. MA-707 is a versatile and rugged system that can be used indoors and outdoors and provides excellent full range music reproduction as well as quality intelligible speech. It offers an ideal public address solution for medium to large crowds.

Features

1. Delivers a powerful 100 Watts of high fidelity and high efficient sound through full range speaker.
2. Lightweight, compact and rugged design and accepts up to 2 receiver modules.
3. Built-in retractable handle and sturdy wheels ensure easy transport.
4. Built-in compartment storage for up to 2 handheld or bodypack transmitters.
5. Amplification from a variety of audio sources.
6. Can be mounted on a speaker stand.
7. Built-in AC switching power supply for universal usage and fast battery charge.
8. AC and rechargeable battery operation.

Ideal Applications

- Schools
- Places of worship
- Presentations, seminars and meetings
- Shopping center & trade show presentations and promotions
- Aerobic & fitness centers
- Parades & fetes
- Street performers
- Recreational & social activities
- Hobby & leisure clubs
- Weddings & funeral services
- Auctions

Specifications

Portable PA		
Max. Power Output	100 Watts	
Amplifier	Class AB	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Speaker	8 " full-range	
Audio Inputs	Wired	XLR × 1 & 6.3mm (1/4 ") × 1
	Wireless	Up to 2 wireless microphones
	CD Player	CD, USB port
	Line-In	Unbalanced 6.3mm (1/4 ") jack
Audio Output	Unbalanced Line 6.3mm (1/4 ") jack	
Extension Speaker	6.3 mm (1/4 ") Phone jack	
Volume	Master and other individual controls	
Controls	Tone control, Echo control on wireless mics	
Storage	2 handhelds	
Installation	Speaker stand, flat surface or retractable handle & wheels	
Power Supply	AC	Built-in 100~240V AC switching power supply
	DC & Battery	24~32 DC, 12V/4.5AH rechargeable gel cell battery
Charge Time	Up to 8 hours (automatic charging management)	
Standby Time	Up to 8 hours	
Battery Indicator	Single LED Indicator	
Dimensions (W × H × D)	310 × 445 × 240 mm (12.2 × 17.5 × 9.4 ")	
Weight	Approx. 14.8 kg (32.5 lbs), batteries included	
Wireless System		
Receiver	MRM-70	
Max. Receiver	Up to 2	
Transmitter	ACT-30H Handheld ACT-30T Bodypack	
Microphone	MM-107 Wired Dynamic Microphone	
Installation	Plug-in Module	
Antenna	Built-in	
Audio Player		
Model	CDM-2P	
Installation	Plug-in Module	
Patents & Approvals	Patented. Telecom & safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-708 Portable Wireless PA System



Transmitters



ACT-30H ACT-30Hr ACT-30T

Model shown with accessories



Optional Accessories



Profile

Bringing a host of impressive features and functionalities, the MA-708 is an undisputed market leader in its class.

MA-708 delivers unparalleled audio performance and craftsmanship. The rugged one-piece speaker cabinet houses a high efficient class-D amplifier that drives high sensitivity two-way loudspeakers and limiter circuitry reduces distortion and increases intelligibility for guaranteed powerful and clear sound. It offers an ideal public address solution for medium to large crowds.

Features

- 1. Rugged one-piece molded enclosure houses 1 " titanium compression driver & 8 " woofer.
- 2. 190-watt power of loud and clear sound via high efficient class-D amplifier.
- 3. Industry's only digital master control can be adjusted manually or wirelessly via ACT-30Hr transmitter microphone.
- 4. Patented modularized design for optimal flexibility.
- 5. Industry first retractable handle and sturdy wheels for easy transport.
- 6. Built-in storage compartment for 2 handheld or bodypack transmitters.
- 7. Amplification from a variety of audio sources such as both wired and wireless microphones, MP3/CD players, etc.
- 8. A voice priority feature that mutes the music when wireless microphone is used.
- 9. Up to 4 diversity receiver modules can be installed for reliable, extended reception range.
- 10. One-touch Scan & ACT sync buttons for fast and easy channel set-up.
- 11. Built-in AC switching power supply for universal usage and fast battery charge.
- 12. A smart 4-segment battery meter for accurate battery reading and charging status.
- 13. Industry's only MTM-90 wireless interlinking transmitter option to interlink multiple MA-708 portables wirelessly to extend transmission range and expand coverage.
- 14. Available in black or white color.

Ideal Applications

- Schools
- Places of worship
- Presentations, seminars and meetings
- Shopping center & trade show presentations and promotions
- Aerobic & fitness centers
- Parades & fetes
- Street performers
- Recreational & social activities
- Hobby & leisure clubs
- Weddings & funeral services
- Auctions

Specifications

Portable PA		
Max. Power Output	190 Watts	
Amplifier	Class D	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Speaker	Tweeter	1 " Compression Driver
	Bass	8 " Woofer
Audio Inputs	Wired	XLR × 1 & 6.3 mm (1/4 ") × 1
	Wireless	Up to 4 wireless microphones
	Audio Player	CDM-2 or DPM-3
	Line-In	Unbalanced RCA jack
Audio Output	Unbalanced Line RCA jack	
Extension Speaker	6.3 mm (1/4 ") Phone jack	
Master Volume Control	Manually or Wirelessly via ACT-30Hr	
Controls	Tone, Voice priority & Echo on wireless mics	
Storage	2 handheld or bodypack transmitters	
Installation	Speaker stand, flat surface or retractable handle & wheels	
Power Supply	AC	Built-in 100~240V AC switching power supply
	DC & Battery	24~32 DC, 12V/4.5AH rechargeable gel cell battery
Charge Time	Up to 8 hours (automatic charging management)	
Standby Time	Up to 7 hours	
Battery Indicator	4-level indicator. (25/50/75/100%)	
Color	Black, White	
Dimensions (W × H × D)	336 × 545 × 325 mm (13.2 × 21.5 × 12.8 ")	
Weight	Approx. 16.3 kg (36 lbs), batteries included	
Wireless System		
Receiver	MRM-70 or MRM-72	
Max. Receiver	Up to 4 (MRM-70 × 2 + MRM-72 × 1)	
Transmitter	ACT-30H ACT-30Hr ACT-30T	
Microphone	MM-107 Wired Dynamic Microphone	
Interlinking Transmitter	MTM-90	
Installation	Plug-in Module	
Antenna	Built-in	
Audio Player		
Model	CDM-2 or DPM-3	
Installation	Plug-in Module	
Patents & Approvals	Patented. Telecom & safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-808 Portable Wireless PA System



Patents : Taiwan Design D112612 China Design ZL200530143378.9

Transmitters



ACT-30H ACT-30Hr ACT-30T

Model shown with accessories



Optional Accessories



Profile

MA-808 is MIPRO flagship portable wireless PA system and brings a host of impressive features and functionalities.

MA-808 delivers unparalleled audio performance and craftsmanship. The rugged one-piece speaker cabinet houses a high efficient class-D/AB amplifiers that drive high sensitivity two-way loudspeakers and limiter circuitry reduces distortion and increases intelligibility for guaranteed powerful and clear sound. It offers an ideal public address solution for large crowds.

Features

- 1. Rugged 1-piece molded enclosure houses 1.5 " titanium compression driver & 10 " neodymium woofer.
- 2. 190-watt power of loud and clear sound via high efficient high dynamic bi-amplified system.
- 3. Industry's only digital master control can be adjusted manually or wirelessly via ACT-30Hr transmitter microphone.
- 4. Patented modularized design for optimal flexibility.
- 5. Industry first retractable handle and sturdy wheels for easy transport.
- 6. Built-in storage compartment for 2 handheld or bodypack transmitters.
- 7. Amplification from both wired and wireless microphones, MP3/CD players, etc.
- 8. A voice priority feature that mutes the music when wireless microphone is used.
- 9. Up to 4 diversity receiver modules can be installed for reliable, extended reception range.
- 10. One-touch Scan & ACT sync buttons for fast and easy channel set-up.
- 11. Built-in AC switching power supply for universal usage and fast battery charge.
- 12. A smart 4-segment battery meter for accurate battery reading and charging status.
- 13. Industry's only MTM-90 wireless interlinking transmitter option to interlink multiple MA-708 portables wirelessly to extend transmission range and expand coverage.

Ideal Applications

- Schools
- Places of worship
- Presentations, seminars and meetings
- Shopping center & trade show presentations and promotions
- Aerobic & fitness centers
- Parades & fetes
- Street performers
- Recreational & social activities
- Hobby & leisure clubs
- Weddings & funeral services
- Auctions

Specifications

Portable PA		
Max. Power Output	267W: 190W (woofer) 77W (tweeter)	
Amplifier	Class D & Class AB	
T.H.D.	< 1%	
Frequency Response	50 Hz~18 kHz	
Speaker	Tweeter	1.5 " Compression Driver
	Woofer	10 " Neodymium
Audio Inputs	Wired	XLR × 1 & 6.3 mm (1/4 ") × 1
	Wireless	Up to 4 wireless microphones
	Audio Player	CDM-2 or DPM-3
	Line-In	Unbalanced RCA jack
Audio Output	Unbalanced Line RCA jack	
Extension Speaker	Speakon output	
Master Volume Control	Manually or Wirelessly via ACT-30Hr	
Controls	Tone, Voice priority & Echo on wireless mics	
Storage	2 handheld or bodypack transmitters	
Installation	Speaker stand, flat surface or retractable handle & wheels	
Power Supply	AC	Built-in 100~240V AC switching power supply
	DC & Battery	24~32 DC, 12V/4.5AH rechargeable gel cell battery
Charge Time	Up to 8 hours (automatic charging management)	
Standby Time	Up to 6 hours	
Battery Indicator	4-level indicator (25/50/75/100%)	
Color	Black, White	
Dimensions (W × H × D)	360 × 560 × 350 mm (14.2 × 22 × 13.8 ")	
Weight	Approx. 20.5 kg (45 lbs), batteries included	
Wireless System		
Receiver	MRM-70 or MRM-72	
Max. Receiver	Up to 4 (MRM-70 × 2 + MRM-72 × 1)	
Transmitter	ACT-30H ACT-30Hr ACT-30T	
Microphone	MM-107 Wired Dynamic Microphone	
Interlinking Transmitter	MTM-90	
Installation	Plug-in Module	
Antenna	Built-in	
Audio Player		
Model	CDM-2 or DPM-3	
Installation	Plug-in Module	
Patents & Approvals	Patented. Telecom & safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

MA-909 Wireless Mixer

The MA-909 is a breakthrough in the traditional design concept of wireless PA systems. Essentially, it separates the control mixer from the amplified speaker system. The mixed audio signals from the MA-909 can be transmitted wirelessly to inter-linking receiver modules installed in one or more remote active speaker systems (MA-705PA, MA-707PA, MA-708PA, MA-808PA) thus allowing the mixer to be set up in any desired location without the need for bulky and inconvenient connecting cables.

The MA-909 wireless mixer combines the convenience of a small PA system with the power of a conventional wired sound system, providing flexibility that was simply not available before. Ideal interface for existing in-wall school audio systems giving the school audio market the flexibility and performance they need. The MA-909 is the perfect solution for many audio applications requiring flexibility, convenience and performance with excellent acoustic results.



Features

- 1. EIA Standard 2U metal case equips with plug-in dual UHF wireless receivers, CD player, wired microphone socket, LINE-IN socket of other audio sources and LINE-IN/OUT sockets of recorder.
- 2. A wired microphone, two wireless microphones, CD/cassette/DVD players, and other audio sources can be mixed simultaneously to the input.
- 3. 16 selectable frequencies.
- 4. Modular design for interlinking wireless receiver allows being built-in or mounted on specified brand of active speaker systems.
- 5. The active speaker systems with an interlinking receiver module installed allow unlimited expansion or change of setup position within transmitting range.

Specifications

Receiver	Plug-in 2 UHF detachable receiver modules
Matching Transmitters	ACT-30H Handheld, ACT-30T Bodypack
Microphones	MM-107 Wired Microphone
Receiver Antennas	Rear Panel. Detachable
Audio Player	CDM-2 (CD + USB)
Audio Input Sockets	Balanced, Unbalanced Mic & Line-in / Line-out
T.H.D.	< 0.5%
Frequency Response	50 Hz~15 kHz
Wireless Transmitter	MT-90: Preset 16 frequencies
Power Supply	Built-in 100~240V AC switching power supply
Exterior Color	Black
Dimensions (W × H × D)	420 × 44 × 200 mm (16.5 × 1.7 × 7.9 ")
Weight	Approx. 5.2 kg (11.5 lbs)
Note	Refer to actual product in the event of product description discrepancy.

Optional Accessories

MRM-70 Wireless Receiver Module

- 1. Easy plug & play receiver module. Easy for maintenance.
- 2. Autoscan and ACT™ function.



MT-90 Interlinking Transmitter Module

- 1. Scan button for UHF PLL 16 selectable channels. Numeric LED.
- 2. Modular design for easy operating, assembling and maintenance.



MR-90a Interlinking Receiver Module

- 1. Preset UHF PLL 16 selectable channels. LCD displays operating status.
- 2. Modular design for easy operating, assembling and maintenance.










CDM-2 CD Player Module

- 1. Plays standard 12 cm (5 ") audio CD and USB flash disk.
- 2. Selection and Search.
- 3. Programmable tracks.
- 4. Random & repeat playback.
- 5. USB 2.0 port.
- 6. Select tracks by number.
- 7. Wireless remote control included.



Model Comparison Chart

Model	MA-303su	MA-303du	MA-505	MA-705	MA-707	MA-708	MA-808
							
Max. Power Output	60 Watts		145 Watts	70 Watts	100 Watts	190 Watts	267 Watts
Amplifier	Class D			Class AB		Class D	Class AB + D
Speaker	1 " Tweeter + 5 " Woofer		1 " Tweeter & 8 " Woofer	8 " Full-Range		1 " Compression Driver & 8 " Woofer	1.5" Compression Driver & 10 " Woofer
Power Method	DC input, Rechargeable Battery		AC Power , Rechargeable Battery & DC input	AC Power, Rechargeable Battery	AC Power , Rechargeable Battery & DC input		
Power Supply	External		Built-in				
Built-in Battery	Rechargeable Lithium Battery x 1			Rechargeable Gel Cell Battery x 2			
Charge Time	Up to 4 hours			Up to 6 hours	Up to 8 hours		
Standby Time	Up to 11 hours	Up to 9 hours	Up to 8 hours	Up to 7 hours	Up to 8 hours	Up to 7 hours	Up to 6 hours
Battery Indicator	4-level Indicator			Single Indicator		4-level Indicator	
Line-In	3.5 mm (1/8 ") × 1			RCA × 1	6.3mm (1/4") × 1	RCA × 1	
Line-Out	3.5 mm (1/8 ") × 1			RCA × 1	6.3mm (1/4") × 1	RCA × 1	
Mic-In	6.3 mm (1/4 ") × 1		XLR & 6.3 mm × 1	Combo × 1	XLR & 6.3 mm (1/4 ") × 1		
Voice Over Priority	N/A		Yes		N/A	Yes	
Echo Control	N/A		Optional	Yes	N/A	Yes	
Tone Control	N/A		Yes				
Retractable Handle & Wheels	N/A				Yes		
Transport	Molded Fixed Handle				Retractable handle and wheels		
Tripod Stand	MS-30		MS-70				
Storage Compartment	N/A				2 Handhelds	2 Handhelds or 2 Bodypacks	
Storage Cover	SC-30		SC-50		SC-70	SC-75	SC-80
Extension Speaker	Yes						
Dimensions (W × H × D)	mm	210 × 276 × 165		285 × 400 × 225	285 × 400 × 225	310 × 445 × 240	336 × 545 × 325
	inches	8.3 × 11 × 6.5		11.2 × 15.7 × 8.9	11.2 × 15.7 × 8.9	12.2 × 17.5 × 9.4	13.2 × 21.5 × 12.8
Approx. Weight (battery included)	2.7 kg (6 lbs)	2.8 kg (6.2 lbs)	8.5 kg (18.7 lbs)	9.8 kg (21.6 lbs)	14.8 kg (32.5 lbs)	16.3 kg (36 lbs)	20.5 kg (45 lbs)
Wireless System							
Maximum Receiver	1	2	Up to 4 (MRM-70 × 2 + 1 or 2 Fixed)	Up to 2 (MRM-70 × 2)		Up to 4 (MRM-70 × 2 + MRM-72 × 1)	
Receiver Installation	Built-in Fixed		Fixed & Plug-in	Plug-n-Play Module			
Preset Channels	16						
Channel Set-Up	Scan & ACT Sync						
Transmitter	ACT-30H Handheld ACT-30T Bodypack					ACT-30H ACT-30Hr Handheld ACT-30T Bodypack	
Frequency Range	480~934 MHz (country dependent)						
Wireless Interlinking Transmitter	N/A		Optional MT-91	N/A		Optional MTM-90	
Bandwidth	24 MHz						
Audio Player							
Audio Player	Built-in USB play & record		CDM-2 DPM-3 (Fixed)	CDM-2 (CD+USB)	CDM-2P (CD+USB)	CDM-2 (CD + USB) DPM-3 (USB/SD card)	

Accessories

- 29 Receiver Modules & Interlinking Transmitter
- 31 Audio Players
- 32 Transmitters
- 35 Headworn Microphones
- 37 Lavalier Microphones
- 38 Personal PA Accessories
- 39 Portable PA Accessories



Accessories - Receiver Modules

MRM-70 / MRM-72 Single-Channel / Dual-Channel Diversity Receiver Module

The modular receiver design allows for fast and easy installation or replacement of MIPRO MA-505, MA-705, MA-707, MA-708 and MA-808 portable PA systems. Installation or replacement takes less than a minute.



Features

1. Advanced diversity technology for optimum reception quality.
2. Preset with 16 auto-scanable frequencies.
3. One-touch Scan for one of the 16 clear, interference-free frequencies.
4. One-touch ACT™ syncs the transmitter and receiver frequency automatically.
5. Bright and easy-to-read channel display.
6. 5-segment RF and Audio meters.
7. Dual "PiloTone & NoiseLock" circuits minimize interference.
8. Warning indicator detects potential interference.
9. "Sensitivity" adjustor can be adjusted to minimize interference.
10. Modular design allows easy installation and replacement.
11. When installed, master volume of MA-708 & MA-808 portables can be wirelessly controlled from a distance by ACT-30Hr handheld transmitter microphone.

Specifications

Frequency Range	UHF 480~934 MHz
Oscillation Mode	PLL Synthesized
Bandwidth	24 MHz
Preset Channels	16
Channel Set-up	Scan and ACT sync
Receiving Mode	CPU-controlled diversity receiving
Squelch Control	"PiloTone & NoiseLock" dual-squelch circuits
Display Status	Channel, RF & audio meters and interference warning indicator
Sensitivity	6 dB μ V, at S/N > 80 dB
Spurious Emissions	< 82 dB
Frequency Response	60 Hz~15 kHz (Overall system)
S/N Ratio	> 100 dBA
T.H.D.	< 0.5% @ 1 kHz (Dev.=40 kHz)
AF Output	610 mV rms
Power Supply	12~15 V DC
Current Consumption	< 190 mA
Operating Temperature	-10~+60°C
Transmitters	ACT-30H ACT-30T ACT-30Hr (MA-708 & MA-808)
Dimensions (W × H × D)	MRM-70: 75 × 35 × 141 mm (3.0 × 1.4 × 5.6 ") / MRM-72: 220 × 57 × 190 mm (8.7 × 2.2 × 7.5 ")
Weight	MRM-70: Approx. 126 g (4.4 oz) / MRM-72: Approx. 622 g (22 oz)
Note	Refer to actual product in the event of product description discrepancy.

MT-90 / MTM-90 Wireless Interlinking Transmitter Module



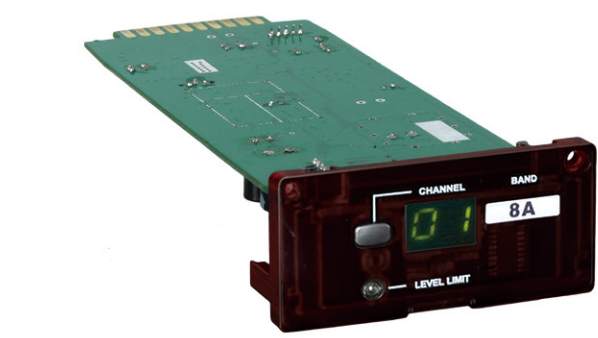
Features

- 1. UHF PLL 16 selectable channels and numeric LED display.
- 2. Modular design allows easy operation, installation and maintenance.
- 3. For MA-708 & MA-808.

Specifications

Frequency Range	480~934 MHz
Oscillation Mode	PLL Synthesized
Bandwidth	24 MHz
RF Output Power	10 mW / 100 mW (switchable)
Spurious Emissions	< -45 dBm
Dimensions (W × H × D)	MT-90 : 65 × 34.5 × 165 mm (2.5 × 1.3 × 6.4 ") MTM-90 : 220 × 57 × 190 mm (8.6 × 2.2 × 7.5 ")
Weight	MT-90 : Approx. 80 g (2.8 oz) MTM-90 : Approx. 410 g (14.5 oz)
Note	Refer to actual product in the event of product description discrepancy.

MT-91 Wireless Interlinking Transmitter Module NEW



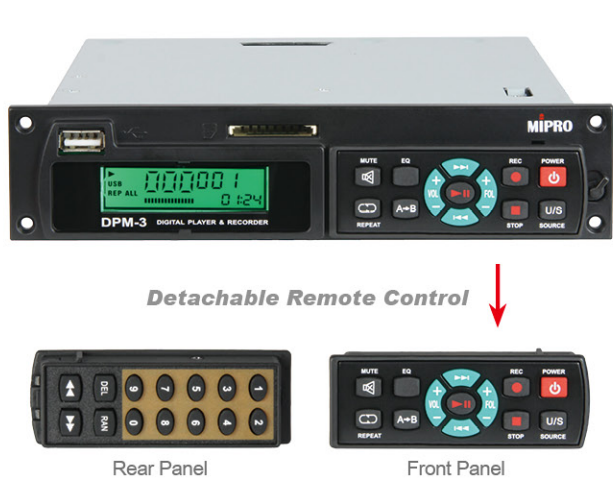
Features

- 1. UHF PLL 16 selectable channels and numeric LED display.
- 2. Modular design allows easy operation, installation and maintenance.
- 3. For MA-505.

Specifications

Frequency Range	480~934 MHz
Oscillation Mode	PLL Synthesized
Bandwidth	24 MHz
RF Output Power	10 mW / 100 mW (switchable)
Spurious Emissions	< -45 dBm
Dimensions (W × H × D)	75 × 35 × 165 mm (2.9 × 1.4 × 6.4 ")
Weight	Approx. 85 g (3 oz)
Note	Refer to actual product in the event of product description discrepancy.

DPM-3 Digital Audio Recorder Module NEW



Features

- 1. Records from Line-input into SD card or USB.
- 2. USB 2.0 port/SD/SDHC Card.
- 3. Can repeat specified period for language learning function.
- 4. Support up to 999 folders or 999 tracks storage in USB or SD card.
- 5. Single track can be deleted during playback.
- 6. Song management by music folders.
- 7. Equalizer modifies bass, treble and other sonic.
- 8. Several Repeat options.
- 9. Fast track search.
- 10. Fast forward/reverse search.
- 11. Random playback.
- 12. Remote control can be operated on-board or detached from panel.
- 13. Fits MIPRO MA-708 or MA-808 portables.

CDM-2 CD/USB Player Module



Features

- 1. Plays standard 12 cm (5 ") audio CD and USB flash disk.
- 2. Selection and Search.
- 3. Programmable tracks.
- 4. Random & repeat playback.
- 5. USB 2.0 port.
- 6. Wireless remote control included.
- 7. Fits MA-505, MA-705, MA-708, MA-808.

CDM-2P CD/USB Player Module



Features

- 1. Plays standard 12 cm (5 ") audio CD and USB flash disk.
- 2. Selection and Search.
- 3. Programmable tracks.
- 4. Random & repeat playback.
- 5. USB 2.0 port.
- 6. Wireless remote control included.
- 7. Fits MIPRO MA-707.

ACT-30H Handheld Transmitter

NEW



Patents :
Taiwan Utility M381162

ACT-30Hr Remote Volume Control Handheld Transmitter

NEW



Patents :
Taiwan Utility M381162

Features

1. Extremely rugged, ergonomically designed housing.
2. The unique flat top multi-layered steel grille protects the capsule against impact, rolling, pop noise and ensures sound clarity.
3. The unique flat top multi-layered steel grille for condenser capsules and round top for dynamic capsules protect the capsule against impact, rolling and pop noise. The upper grille is able to be detached easily for cleaning and hygiene practices.
4. Premium true condenser microphone capsule provides high fidelity, wide frequency response, high dynamic range, rapid transient response, clarity and accurate sound reproduction.
5. Proprietary lockable silent on/off switch to avoid accidental power-off during performance.
6. Impact-resistant battery compartment holds 2 AA batteries.
7. Interchangeable colored rings for microphone channel identification on stage.
8. LCD displays group, channel, battery level & error message codes.
9. Low spurious PLL-synthesized technology enhances frequency stability and reliability. Patented "Built-in" antenna design.
10. World's first ACT™ function provides precise and rapid frequency sync to the transmitters.
11. Industry's only digital master control can be adjusted manually or wireless via new ACT-30Hr handheld transmitter microphone. (for MA-708 & MA-808 portables)

Specifications

Model	ACT-30H	ACT-30Hr
Built-in Volume Control	N/A	Yes. For MA-708 & MA-808 portables installed with MRM-70 & MRM-72 receiver modules
Housing	Rugged Plastic	
Oscillation Mode	PLL Synthesized	
Frequency Range	UHF 480~934MHz	
Bandwidth	24MHz	
Channel Set-Up	ACT Sync	
RF Output Power	10~30 mW (country dependent)	
Spurious Emissions	<-55dBc	
Max. Input Level	140dB SPL	
Display	LCD displays group, channel, battery status & error codes	
Battery	2 AA alkaline	
Capsules	Standard: MU-79 ECM, Optional: MU-89 TCM or MU-59 Dynamic	
Dimensions (Ø × L)	50 × 233 mm (2.0 × 9.2 ")	
Weight	Approx. 246 g (8.68 oz), excluding batteries	
Patents & Approvals	Patented. Telecom and safety regulations approved.	
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.	

ACT-30T Bodypack Transmitter



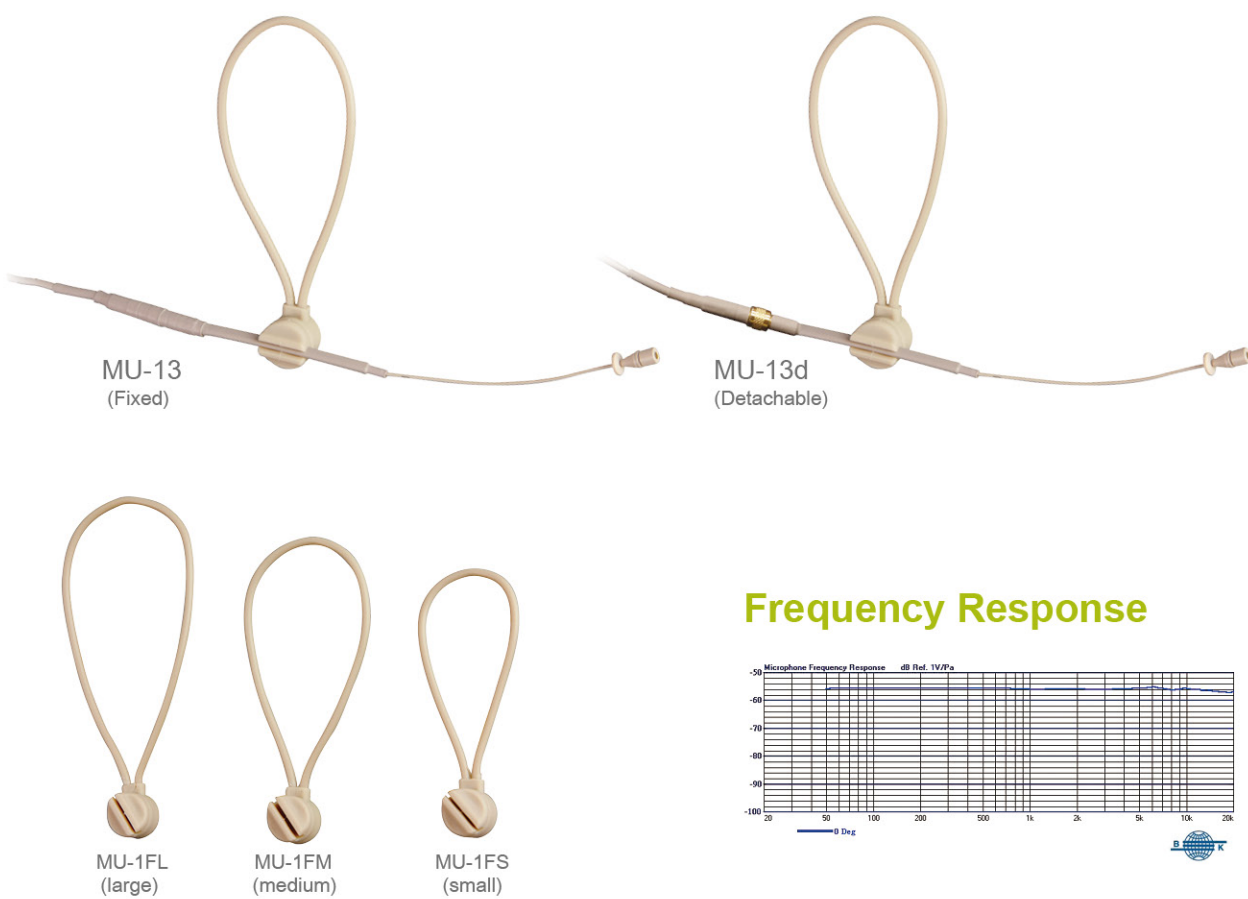
Features

- 1. Miniature, compact design.
- 2. Top features mute switch, mini-XLR connector and antenna.
- 3. Backlit LCD displays various parameters and indicators.
- 4. Unique battery cover design provides easy access to operational controls and protects against accidental change of settings.
- 5. Connector for optional MJ-70 remote mute switch cable.
- 6. Low spurious PLL-synthesized technology enhances frequency stability and reliability. One-touch ACT syncs the transmitter and receiver frequency automatically.
- 7. Selectable impedance for microphone or guitar/line inputs.
- 8. 4-pin mini XLR connector is compatible with all MIPRO lavalier, headworn microphones and instrument cable.
- 9. Highly efficient power consumption circuitry ensures long operating hours from 2 AA batteries.
- 10. Adjustable belt clip allows wearing transmitter in up or down position.

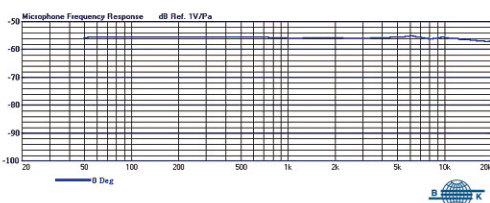
Specifications

Housing	Rugged Plastic
Frequency Range	UHF 480~934MHz
Bandwidth	24MHz
Channel Set-Up	ACT Sync
Oscillation Mode	PLL Synthesized
LCD Display	LCD displays working band-code, group, channel, frequency, AF input gain, RF output power, mute & lock status, battery status and error codes.
RF Output Power	10 mW / 50 mW (switchable)
Spurious Emissions	<-55dBc
Max. Input Level	0dBV
Mute Connector	Optional MJ-70 remote mute switch
Battery	2 AA alkaline
Dimensions (W × H × D)	63 × 82 × 22 mm (2.5 × 3.2 × 0.9 ")
Weight	Approx. 98 g (3.5 oz), excluding batteries
Patents & Approvals	Patented. Telecom and safety regulations approved.
Notes	Refer to actual product in the event of product description discrepancy. Frequency range and maximum deviation comply with the regulations of different countries.

MU-13 Single-Sided Earworn Microphone
MU-13d Single-Sided Earworn Microphone



Frequency Response



Features

- 1. Proprietary over-the-ear, shapeable frame design for an ultra secure, comfortable fit.
- 2. Supplied in three earworn sizes for ideal fit.
- 3. Fixed or detachable boom can be worn on left or right and detached for replacement or servicing.
- 4. Subminiature 3mm omni-directional condenser capsule.
- 5. Resistant to moisture, perspiration and salts.
- 6. Detachable cables with various types of plug are available.
- 7. Soft yet flexible thin boom can be bent 120 ° and boom holder can be height rotated for an ideal fit.
- 8. Ideal for speech applications.

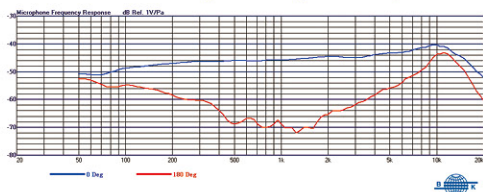
Specifications

Capsule Module	3 mm Ø omni-directional condenser microphone
Frequency Response	40 Hz~20 kHz
Sensitivity	-56 ± 3 dBV/Pa (0dB=1V/Pa)
Max. SPL	138 dB (1%THD typical)
Microphone Holder	Single-side
Plug	4-pin mini XLR (screw-lock)
Color	Beige
Cable Length	150 cm (59 ")
Weight	Approx. 16 g (0.56 oz)
Note	Refer to actual product in the event of product description discrepancy.

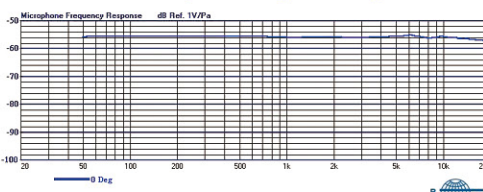
MU-210/MU-210d
Dual-Sided Headworn Microphone



MU-210 Frequency Response



MU-23 Frequency Response



MU-23/MU-23d
Dual-Sided Headworn Microphone



Features

- 1. Compact ear-hook design for a secure, ultra comfortable fit.
- 2. Supplied in three ear-hook sizes for ideal fit.
- 3. Detachable boom can be worn on left or right & detached for replacement or servicing.
- 4. MU-210 features a 10mm uni-directional capsule.
- 5. MU-23 features a 3mm omni-directional capsule.
- 6. Resistant to moisture, perspiration and salts.
- 7. Detachable or fixed microphone boom options.
- 8. Soft yet flexible thin boom bends 120° and holder can be height rotated for an ideal fit.
- 9. Ideal for speech and vocal applications.

Specifications

Models	MU-210 / MU-210d	MU-23 / MU-23d
Capsule Module	10 mm Ø uni-directional condenser microphone	3 mm Ø omni-directional condenser microphone
Frequency Response	50 Hz~18 kHz	40 Hz~20 kHz
Sensitivity	-46 ± 3 dBV/Pa (0dB=1V/Pa)	-56 ± 3 dBV/Pa (0dB=1V/Pa)
Max. SPL	142 dB (1%THD typical)	138 dB (1%THD typical)
Microphone Holder	Can be installed right or left side.	
Plug	4-pin mini XLR (screw-lock)	
Color	Beige	
Cable Length	150 cm (59.1 ")	
Weight	Approx. 27 g (1.0 oz)	Approx. 22 g (0.8 oz)
Note	Refer to actual product in the event of product description discrepancy.	

MU-53L / MU-53LS
Uni-Directional Lavalier Microphones

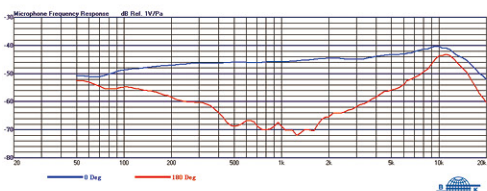


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(Beige)

Frequency Response



MU-55L / MU-55LS
Omni-Directional Lavalier Microphones

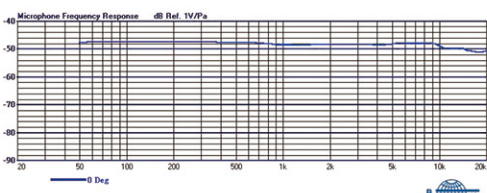


(Black)



(Beige)

Frequency Response



Features

- 1. MU-53 features high dynamic range characteristic and sustains up to 142 dB SPL with 1% T.H.D.
- 2. Miniature MU-55 is inconspicuous, lightweight and waterproof.
- 3. Supplied with 4-pin mini XLR and fits all MIPRO bodypack transmitters.
- 4. Featuring a smooth, warm, natural sound.
- 5. Available in black or beige colors.
- 6. Ideal for theater, houses of worship and educational applications.

Specifications

Models	MU-53L / MU-53LS	MU-55L / MU-55LS
Capsule Module	10 mm Ø uni-directional condenser microphone	4.5 mm Ø omni-directional condenser microphone
Frequency Response	50 Hz~18 kHz	40 Hz~20 kHz
Sensitivity	-46 ± 3 dBV/Pa (0dB=1V/Pa)	-49 ± 3 dBV/Pa (0dB=1V/Pa)
Max. SPL	142 dB (1%THD typical)	135 dB (1%THD typical)
Plug	4-pin mini XLR (screw-lock)	
Color	Black or Beige	
Cable Length	150 cm (59 ")	
Weight	Approx. 19 g (0.7 oz)	Approx. 14 g (0.5 oz)
Note	Refer to actual product in the event of product description discrepancy.	

Personal PA Accessories

Replacement Rechargeable Batteries

MB-10

14.8V/2.6AH rechargeable lithium battery for MA-100 & MA-303



MB-25

14.8V/2.6AH rechargeable lithium battery for MA-101A & MA-202



Storage / Carry Bags

SC-10

For MA-100 & MA-101A



SC-20

For MA-202



Tripod Stand

MS-30

For MA-100, MA-101A & MA-202



Passive Extension Speaker

MA-101EXP

For MA-101ACT



Portable PA Accessories

Replacement Rechargeable Batteries

MB-30

12V/2.9AH rechargeable battery for MA-705



MB-35

NEW

25V/4.5AH rechargeable lithium battery for MA-505



MB-70

12V/4.5AH rechargeable battery for MA-707, MA-708 & MA-808



Tripod Stand

MS-30

For MA-303



MS-70

For MA-505, MA-705, MA-707, MA-708 & MA-808



Storage / Carry Bags

SC-30

For MA-303

NEW



SC-50

For MA-705



SC-70

For MA-707



SC-75

For MA-708



SC-80

For MA-808



Extension Speakers

MA-303AXP

For MA-303 (active speaker)

NEW



MA-705EXP

For MA-705 (10-meter cable included)



MA-707EXP

For MA-707 (10-meter cable included)



MA-708EXP

For MA-708 (10-meter cable included)



MA-808EXP

For MA-808 (10-meter cable included)



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