MA-505

MIPRO
MICROPHONE PROFESSIONALS

Portable Wireless PA System

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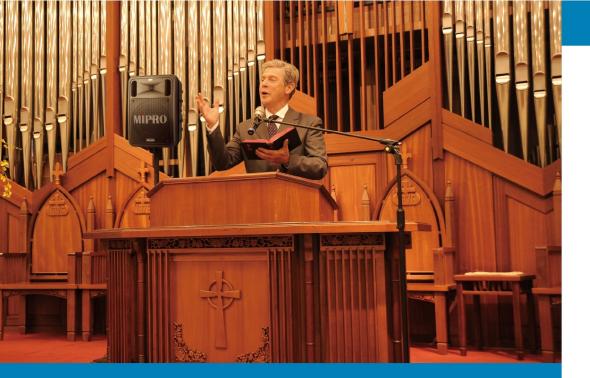www.mipro.com.tw   mipro@mipro.com.tw

MA-505 Portable Wireless PA System

Transmitters

Standard AA Battery

ACT-32H   ACT-32T

Unparalleled Performance

The Ultimate Wireless PA System

The MA-505 is the culmination of years of wireless PA design. MA-505 delivers unparalleled audio performance and craftsmanship. The rugged one-piece speaker cabinet houses an 8 " woofer and 1 " titanium compression driver powered by a high efficient class-D amplifier and limiter circuitry with reduced distortion and increased intelligibility for powerful and clear sound. Media playback is available with choices of digital audio players & recorders. Interlinking transmitter/receiver package is available for extended transmission range. The MA-505 offers an ideal public address solution for medium crowds.

Rechargeable Lithium Battery

ACT-32HC   ACT-32TC   1 Handheld & 1 battery   1 Bodypack & 1 battery   MP-80

Controls and Indicators

Fixed Carry Handle

Licensed CDM-2A CD Player
Licensed CDM-2 CD/USB Player
Licensed CDM-3A CD/USB Recorder

1 or 2 MRM-70B Diversity Receivers or
MT-91 Interlinking Transmitter

4-level Battery Indicator

SCAN & ACT Button
autoscans an open receiver frequency &
syncs automatically with transmitter

Voice Over Priority Switch
mutes music when wireless mic is used

Alarm Button
emergency warning siren sound

Licensed Bluetooth Music Player
wireless audio streaming via any
Bluetooth-connected device

Balanced XLR Mic Input

3.5 mm Line Output
external recordings or connect
to another sound device input

Licensed DPM-3 Digital Recorder

1 or 2 Diversity Receivers
16 selectable channels

3.5 mm Line Input
iPod, MP3/CD/DVD player,
notebook sound amplification

Extension Speaker Socket
passive speaker

Cable Storage

Built-in Lithium Rechargeable
Battery

Speaker Stand Adapter

Wireless Interlinking Application

Master

Slave

Slave

MRM-70B

MRM-70B
MT-91

MRM-70B
MT-91

up to 100 m

up to 100 m

up to 100 m

Features

1. 145-watt power of loud and clear sound via high efficient class-D amplifier.
2. Rugged one-piece molded enclosure houses 8 " woofer & 1 " titanium compression driver.
3. Powerful and crystal-clear sound projection.
4. Built-in or detachable receiver module option.
5. Wireless receiver with 16 auto-scannable frequencies.
6. One-touch Scan & ACT sync button for fast and easy channel set-up.
7. Built-in Bluetooth music player for wireless audio streaming.
8. A voice priority feature that mutes the music when wireless microphone is used.
9. Built-in one-button alarm/siren for warning of threats.
10. Built-in AC switching power supply for universal usage and fast battery charge.
11. A smart 4-segment battery meter for accurate battery reading and charging status.
12. Industry's only MT-91 wireless interlinking transmitter option to interlink multiple MA-505 portables wirelessly to extend transmission range and expand coverage.
13. Built-in cable storage compartment.
14. AC and lithium rechargeable battery operation.
15. Up to 8 hours of stand-by time per 4-hour full charge.
16. Available in black or white color.

detachable DPM-3 remote-control

rear panel

front panel

Specifications

Portable PA	Power Output	100W(rms)/ 4Ω , 145W(max)/ 4Ω	
	Amplifier	Class D	
	Sensitivity	Typical: 91 dB	Maximum: 109 dB	
	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. 2 Built-in & 2 External Detachable
		Audio Player	Built-in DPM-3 or optional CDM-2 │ CDM-2A │ CDM-3A
		Line-In	3.5 Ø mm (1/8 ") mini-jack
	Bluetooth Connectivity	Yes	
	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	VOP, Tone control or optional Echo control	
	Alarm Siren	Siren sound with fade-in mode	
	Storage	For AC power cable	
	Installation	Hand carry, Flat surface or on a speaker 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)	285 × 400 × 225 mm (11.2 × 15.7 × 8.9 ")	
	Weight (battery included)	Approx. 8.5 kg (18.7 lbs)	
Wireless System	Detachable Module Receiver	1 or 2 MRM-70B Scan & ACT sync	
	Built-in Fixed Receiver	1 or 2 Scan & ACT sync	
	Frequency Range	480~934 MHz (country dependent)	
	Preset Channels & Bandwidth	16 preset compatible channels in 24 MHz bandwidth	
	Antenna	Built-in proprietary active high efficiency antenna	
	Transmitter	ACT-32H/32HC Handheld │ ACT-32T/32TC bodypack	
	Microphone	MM-107	
	Interlinking Transmitter	MT-91 module	
	Installation	Plug-n-play for optional modules	
Digital Audio Player	Audio Player	DPM-3, CDM-3A, CDM-2, CDM-2A	
	Audio Remote Control	DPM-3 – detachable or on-board	
	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.	

Optional Accessories

DPM-3
Digital Audio Recorder Module

CDM-3A
CD/USB Player/Recorder Module

CDM-2
CD/USB Player Module

CDM-2A
CD Player Module

MRM-70B
Receiver Module

MT-91
Interlinking Transmitter Module

MB-35 Replacement Lithium Rechargeable Battery (22.2V/4.5AH)

MS-70
Tripod Speaker Stand

SC-50
Storage Cover Bag

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 promotions
- Street performers
- Aerobic and fitness centers
- Recreational and social activities