



# MA-505

## Portable Wireless PA System



**MIPRO Electronics Co., Ltd**  
Headquarters : 814 Pei-Kang Road, Chiayi, 60096, Taiwan  
Tel : +886.5.238.0809 Fax : +886.5.238.0803  
www.mipro.com.tw mipro@mipro.com.tw





# Portable Wireless PA System

## 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



# Portable Wireless PA System

# Portable Wireless PA System

## Controls and Indicators



## 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.

## Wireless Interlinking Application



detachable DPM-3 remote-control



rear panel



front panel





# Portable Wireless PA System

## 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	1 or 2 MRM-70B	
	Receiver	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. Refer to actual product in the event of product description discrepancy.	
	Notes	Frequency range and maximum deviation comply with the regulations of different countries.	

# Portable Wireless PA System

## 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

