

# MA-100DB Personal Wireless PA System

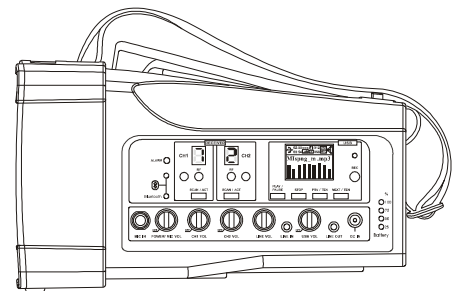
## Introduction

MA-100DB is an all new, ultra compact and ultra-light wireless PA system. The MA-100 is powerful and offers a vast array of features in an easy-to-use package. It can be easily carried via the padded shoulder strap, built-in handle, or mounted on a microphone stand. It is an excellent public address solution for small crowds.

Ideal applications include: 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.

## Key Features

- Rugged yet lightweight one-piece molded cabinet
- Built-in 2 wireless receivers with 16 auto-scannable frequencies
- Built-in USB music player & recorder with LCD screen
- Built-in one-button alarm/siren for warning of threats
- User-friendly control panel provides intuitive easy operation
- High efficiency class-D amplifier drives a full-range speaker
- AC and lithium rechargeable battery operation
- Switching power supply efficiently provides a regulated output voltage
- Available in black or white color



## Transmitters & Microphones

<b>ACT-32H</b>	Handheld Transmitter
<b>ACT-32HC</b>	Rechargeable Handheld Transmitter
<b>ACT-32T</b>	Bodypack Transmitter
<b>ACT-32TC</b>	Rechargeable Bodypack Transmitter
<b>MM-107</b>	Supercardioid Dynamic Microphone

## Accessories

<b>MB-10</b>	Lithium Rechargeable Battery. (14.8 V / 2.6 AH)
<b>SC-10</b>	Storage and Carry Bag
<b>MS-30</b>	Tripod Microphone Stand

## Technical Specifications

Portable PA	
Max. Power Output	50 Watts
Amplifier	Class D
Sensitivity	Typical: 90 dB   Maximum: 102 dB
T.H.D.	< 1%
Frequency Response	50 Hz – 18 kHz
Loudspeaker	5" full-range high efficiency
Audio Inputs	Wired: 6.3 mm (1/4") Line-In: 3.5 mm (1/8")
Bluetooth Connectivity	Yes
Audio Output	3.5 mm (1/8")
Alarm Siren	Siren sound with fade-in mode
Installation	Microphone stand, table mounted, shoulder belt.
Power Supply	AC: External 100–240V AC switching power supply (Max. Power Consumption: 60 W) DC & Battery: 14.8V / 2.6AH rechargeable lithium battery (MB-10×1)
Charge Time	Up to 4 hours (automatic charging management)
Standby Time	Up to 10 hours
Battery Indicator	4-level indicator (25/50/75/100%)
Dimensions (W×H×D)	135 × 144 × 240 mm / 5.3 × 5.6 × 9.4 "
Weight	Approx. 1.9 kg / 4.1 lbs (MB-10 battery included)
Color	Black or white option
Wireless System	
Receiver Channel	Dual
Frequency Range	UHF 480 – 934 MHz (country dependent)
Bandwidth	24 MHz
Preset Channels	16
Channel Set-up	Scan & ACT sync
Antenna	Built-in
Audio Player	
Built-in USB Port	USB 2.0
USBPlay & Record	LCD displays track name, number, time, recording status.
Operation	On-board. USB remote control included.



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