# MA-303DG Portable Wireless PA System

#### **Key Features**

- Two 5.8 GHz true diversity receiver modules with 10 auto-scannable frequencies. One-touch Scan & Sync (ACT) button for fast and easy channel setup.
- 50W Class-D amplifier to power a 5" full-range driver.
- · Built-in high-efficiency active antennas prevent accidental antenna breakage and ensure improved reception distance and stable signal quality.
- The mixed output of wired mic, wireless mic and USB.
- 3.5 mm line input accepts external iPod, MP3/CD/DVD player or laptop.
- Built-in Bluetooth to connect mobile devices for music streaming.
- Built-in one-button fade-in alarm siren for warning.
- ID code setting to prevent the interference from the same operating channel and increase compatible channels at the same venue.
- External AC switching power supply for fast battery charge. Built-in high capacity lithium battery provides the amplifier complete operation without AC power.
- 4-hour full charge for 10-hour stand-by time.
- A 4-level battery indicator for monitoring the battery level and charging state.

#### **Transmitters & Microphones**

ACT-58H	Handheld Transmitter
ACT-58HC	Rechargeable Handheld Transmitter
ACT-58T	Bodypack Transmitter
ACT-58TC	Rechargeable Bodypack Transmitter
MM-107	Supercardioid Dynamic Microphone

## Accessories

MIPRO

MB-10	Lithium-ion Rechargeable Battery. (14.8 V / 2.6 AH)
SC-30	Storage and Carry Bag
MS-30	Tripod Microphone Stand
MA-303AXP	Active Extension Speaker
MS-90	Wall-Mounting Bracket

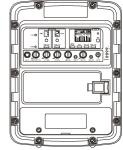
## **Technical Specifications**

Max. Power Output60 WattsAmplifierClass DSensitivityTypical: 92 dB   Maximum: 102 dBT.H.D.< 1%Frequency Response20 Hz - 20 kHzSpeaker1" Tweeter & 5" WooferCoverageH 120° × V 70°Audio InputsWired: 6.3 mm (1/4")Line-in: 3.5 mm (1/8")Bluetooth ConnectivityYesAudio Output3.5 mm (1/8")Alarm SirenSiren sound with fade-in modeInstallationMicrophone stand, table mounted.Power SupplyDC & Battery: 14.8 V / 2.6 AH rechargeable lithium-ion battery (MB-10 × 1)Charge TimeA hours (automatic charging management)Standby Time> 9 hoursBattery Indicator4-level indicator (25/50/75/100%)ColorDimensions (W×H×D)210 × 276 × 165 mm / 8.3 × 11 × 6.5 "WeightApprox. 2.8 kg / 6.2 lbs, battery includedWreless SystemPreset Channels10Channel Set-upScan & ACT syncReceiver Channels10Channel Set-upScan & ACT syncReceiving ModeDual-tuner Digital True DiversityFrequency-hoppingEach channel has 4 preset hopping frequenciesAudio Sampling24-bit / 44.1 kHz RateLatency< 4.0 msAnternaBuilt-inBuilt-in USB PortUSB Play & RecordLCD displays track name, number, time, recording st		Portable PA	
Sensitivity   Typical: 92 dB   Maximum: 102 dB     T.H.D.   < 1%	Max. Power Output	60 Watts	
T.H.D.   < 1%	Amplifier	Class D	
Trequency Response   20 Hz – 20 kHz     Speaker   1" Tweeter & 5" Woofer     Coverage   H 120° × V 70°     Audio Inputs   Wired: 6.3 mm (1/4")     Line-In: 3.5 mm (1/8")   Bluetooth Connectivity     Power Supply   Yes     Power Supply   Ac: External 100 – 240 V AC switching power supply (Max. Power Consumption: 60 W)     DC as Battery: 14.8 V / 2.6 AH rechargeable lithium-ion battery (MB-10 × 1)     Charge Time   4 hours (automatic charging management)     Standby Time   > 9 hours     Battery Indicator   4-level indicator (25/50/75/100%)     Color   Black or white option     Dimensions (W×H×D)   210 × 276 × 165 mm / 8.3 × 11 × 6.5 "     Wireless System   Wireless System     Receiver Channel   Dual     Frequency Range   2,400 – 2,483.5 MHz     Preset Channels   10     Channel Set-up   Scan & ACT sync     Receiving Mode   Dual-tuner Digital True Diversity     Frequency Frequency anging   24-bit / 44.1 kHz Rate     Latency   < 4.0 ms	Sensitivity	Typical: 92 dB   Maximum: 102 dB	
Speaker   1" Tweeter & 5" Woofer     Coverage   H 120° × V 70°     Audio Inputs   Line-In: 3.5 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.     AC:   External 100 – 240 V AC switching power supply (Max. Power     Power Supply   Consumption: 60 W)     DC & Battery: 14.8 V / 2.6 AH rechargeable lithium-ion battery (MB-10 × 1)     Charge Time   4 hours (automatic charging management)     Standby Time   > 9 hours     Battery Indicator   4-level indicator (25/50/75/100%)     Color   Black or white option     Dimensions (W×H×D)   210 × 276 × 165 mm / 8.3 × 11 × 6.5 "     Weight   Approx. 2.8 kg / 6.2 lbs, battery included     Wireless System     Receiver Channel   Dual     Frequency Range   2,400 – 2,483.5 MHz     Preset Channels   10     Channel Set-up   Scan & ACT sync     Receiving Mode   Dual-tuner Digital True Diversity     Frequency-hoppping   Each channel has 4 preset	T.H.D.	< 1%	
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Latency < 4.0 ms	Frequency-hopping	Each channel has 4 preset hopping frequencies	
Antenna     Built-in       Audio Player       Built-in USB Port     USB 2.0       USB Play & Record     LCD displays track name, number, time, recording status.	Audio Sampling	24-bit / 44.1 kHz Rate	
Audio Player       Built-in USB Port     USB 2.0       USB Play & Record     LCD displays track name, number, time, recording status.	Latency		
Built-in USB Port     USB 2.0       USB Play & Record     LCD displays track name, number, time, recording status.	Antenna	Built-in	
USB Play & Record LCD displays track name, number, time, recording status.		Audio Player	
	Built-in USB Port	USB 2.0	
Operation On-board. USB remote control included.	USB Play & Record	LCD displays track name, number, time, recording status.	
	Operation	On-board. USB remote control included.	









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