

# MA-202

## Personal Portable Wireless Sound System



Don't be misled by the compact size of this highly efficient portable PA. Lightweight, powerful and features-loaded, it can be hand carried via built-in handle or shoulder strap, on a flat surface or mounted on a mic stand.

Ideal for use in kindergartens or primary schools, worship places, presentations, seminars, trade shows, auctions, tours, political events or any outdoor/indoor location where good quality speech announcements are a requirement.

### Key Features & Benefits

- Powerful 56-watt audio output with lightweight class-D amplifier and 2-way speakers.
- 2 power modes: AC and rechargeable battery.
- Up to 8 hours of operating time per charge.
- For crowds up to 400.
- Built-in diversity receiver with 16 auto-scanable frequencies.
- One-touch Autoscan for a clear, interference-free frequency.
- One-touch ACT™ syncs the transmitter and receiver frequency automatically.
- ACT-202T handheld transmitter has an innovative built-in side volume control & low-battery LED.
- Battery charger for ACT-202T inside the built-in storage compartment. 24-hour usage per charge.
- Separate 4-segment charging meters for PA & ACT-202T handheld.
- USB port and SD card reader play MP3 songs.
- LCD displays MP3 tracks and status.
- MP3 tracks can be quickly found via fast search control.
- Separate volume control for wireless, wired mic, line-input and MP3.
- Up to 2 microphones can be used simultaneously (1 wireless & 1 wired).
- One ACT-202T can broadcast to multiple MA-202s for expanded coverage (same frequency).
- Line-input accepts an external iPod, MP3 or CD player.
- Built-in storage compartment.
- Optional high-capacity lithium polymer battery module.
- Hand carry or mic stand mount, shoulder-carrying strap included.



Specifications subject to change without notice

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### MA-202 Specifications

|                            |  |
|----------------------------|--|
| AF Power Output:           | 40W RMS (56W Max) / 4 $\Omega$   |
| T.H.D.:                    | <1%  |
| Frequency Response:        | 50Hz~18KHz $\pm$ 3dB   |
| Speaker:                   | 1" Treble and 5" Woofer  |
| Audio Inputs:              | 6.3 $\phi$ Microphone & Line inputs.<br>Separate Mic & Line Volume Control.  |
| USB & SD Card Player:      | MP3 format   |
| Wireless Receiver:         | UHF PLL Diversity Receiver<br>AutoScan and ACT IR sync   |
| Frequency Range:           | 620~934MHz   |
| Bandwidth:                 | 24MHz  |
| Preset Channels:           | 16 auto-scanable frequencies   |
| Power Supply:              | Built-in 14.8V / 3AH lithium (MB-25) or optional 12V / 2.9AH rechargeable battery (MB-30) & 18V DC / 100~240V AC switching power supply. |
| Charging & Operating Time: | 4 hours (automatic charging system) up to 8 hours usage  |
| Dimensions:                | 163(W) $\times$ 206(H) $\times$ 306(D)mm<br>6.4(W) $\times$ 8.1(H) $\times$ 12(D) "  |
| Weight:                    | MB-25: Approx. 3 kg / 7 lbs<br>MB-30: Approx. 4 kg / 9 lbs   |

### ACT-202T Specifications

|                          |  |
|--------------------------|--|
| Oscillation Mode:        | PLL Synthesized  |
| Carrier Frequency Range: | UHF 620~934MHz   |
| Bandwidth:               | 24MHz  |
| RF Output Power:         | 10~30mW (country dependent)  |
| Spurious Emissions:      | <-55dBc  |
| Max. Deviation Range:    | $\pm$ 68KHz  |
| Battery Type:            | Built-in Rechargeable<br>Lithium-Polymer   |
| Charging Time:           | 6 hours  |
| Battery life:            | 24 hours   |
| Dimensions:              | 182(W) $\times$ 42(H) $\times$ 32(D)mm<br>7.2(W) $\times$ 1.7(H) $\times$ 1.3(D) " |
| Weight:                  | Approx.128 g / 4.5 oz  |

### Accessories

|         |   |
|---------|---|
| ■ MB-25 | 14.8V/3AH rechargeable lithium                  |
| ■ MB-30 | 12V/2.9AH rechargeable sealed lead-acid battery |
| ■ SC-20 | Storage and Carry Bag                           |



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