

# MTG-100

## Digital Wireless Tour Guide/Interpretation System



The MIPRO MTG-100 is a digital wireless tour guide system design for secured, crystal-clear and interference-free communication from proprietary encrypted digital technology.

### Key Features

- Durable, ultra-lightweight and pocket-sized portable receiver and transmitter.
- Industry's only true diversity technology for up to 100m (330ft) reception quality.
- Proprietary 16-bit audio compression technology ensures crystal-clear audio quality.
- Digitally encrypted technology enables secure audio transmission, preventing unauthorized listening.
- Interference-free from Bluetooth, Wi-Fi and 2.4GHz wireless transmission.
- 16 user selectable channels.
- Channel can be locked manually or via PC software to prevent accidental changes.
- Can be worn comfortably around the neck with a lanyard or fit inside any pocket.
- Programmable automatic shut-off timer conserves battery hours.
- Backlit LCD screen displays battery level and other relevant parameters.
- Operates on user license-free ISM band: 863~865MHz.
- Built-in long-lasting and fast-charge lithium polymer rechargeable battery.
- Convenient 12 or 28-slot storage and charger carry case.

### Microphones for MTG-100T Transmitter

- **MU-101** Headworn Microphone
- **MM-10** Mini Gooseneck Microphone

### Earphones for MTG-100R Receiver

- **E-10S** Stereo Earphones
- **E-20S** Over-the-head Headphones

### Technical Specifications

|                          |  |
|--------------------------|--|
| Frequency Range:         | UHF 863~865 MHz  |
| RF Output Power:         | <10mW (Low/Mid/High, switchable)   |
| Sensitivity:             | Approx. -90dBm   |
| Operating Range:         | Approx. 100 meters (line-of-sight)   |
| Frequency Response:      | 50Hz~10KHz   |
| LCD Display:             | Backlit LCD displays channel, battery & charging status and audio & RF signals     |
| Automatic Shut-off Time: | 10 minutes~42 hours (programmable)   |
| Power Supply:            | Built-in high capacity lithium polymer rechargeable battery.                       |
| Operating Hours:         | Receiver >14 hours;<br>Transmitter >12 hours                                       |
| Dimensions:              | 45(W) x 84(H) x 21(D)mm /<br>1.8(W) x 3.3(H) x 0.8(D)"                             |
| Weight:                  | MTG-100R: 65g / 2.3oz<br>MTG-100T: 67g / 2.4oz                                     |
| PC Interface:            | Ethernet network interface & ACT-BUS static IP set up interface (MTG-100C-28 only) |



Specifications subject to change without notice

# MTG-100

## Digital Wireless Tour Guide/Interpretation System



MTG-100C-12



MTG-100C-28

### Key Features

- Rugged, heavy duty transportable 12 & 28 charging and storage cases.
- Quick-charge systems in < 4 hours.
- Separate Charging (red) and Ready (green) indicators for each charging slot.
- "SYNC" button for automatic channel synchronization for receivers and transmitters.
- Ethernet interface (for MTG-100C-28) allows system settings and networking management.

### Replacement Parts & Accessories

- **PC-100S** PC-control Software
- **NL-5** Replacement neck lanyards
- **E-10S-C5** Replacement earphone storage case

### Technical Specifications

|                         |   |
|-------------------------|---|
| <b>MTG-100C-12</b>      | <b>12-Slot Charger Carry Case</b>                         |
| Power:                  | Built-in 100~250V AC universal switching power supply     |
| Charge System:          | 10 receivers and 2 transmitters                           |
| Charging Time:          | < 4 hours   |
| Max. Power Consumption: | 26 W  |
| Dimensions:             | 403(L) x 306(W) x 133(H) mm<br>15.9(L) x 12(W) x 5.2(H) " |
| Net Weight:             | Approx. 6 kg (13 lbs)                                     |

|                         |   |
|-------------------------|---|
| <b>MTG-100C-28</b>      | <b>28-Slot Charger Carry Case</b>                         |
| Power:                  | Built-in 100~250V AC universal switching power supply     |
| Charger system:         | 24 receivers and 4 transmitters                           |
| Charging Time:          | < 4 hours   |
| Max. Power Consumption: | 80 W  |
| Dimensions:             | 530(L) x 330(W) x 190(H) mm<br>20.9(L) x 13(W) x 7.5(H) " |
| Net Weight:             | Approx. 9 kg (20 lbs)                                     |

Specifications subject to change without notice