

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 bands: CEPT/EU 863~865MHz and USA 926~928MHz.
- Built-in long-lasting and fast-charge lithium polymer rechargeable battery or 2 AA alkaline batteries.
- 12 or 28-slot storage & charger carry case.

Microphones for MTG-100T Transmitter

- **MU-53HNP** Headworn Microphone
- **MM-202P** Mini Gooseneck Microphone

Earphones for MTG-100R Receiver

- **E-5S** Single-sided Earphone
- **E-10S** Stereo Earphones
- **E-20S** Over-the-head Stereo Headphones

Technical Specifications

Frequency Range:	UHF 863~865 MHz & 926~928 MHz
RF Output Power:	<10mW (Low/Mid/High, switchable)
Sensitivity:	Approx. -90dBm
Operating Range:	Up to 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:	MTG-100R/MTG-100T: Built-in high capacity lithium polymer rechargeable battery. Replaceable. MTG-100Ra/MTG-100Ta: 2 x AA batteries.
Operating Hours:	MTG-100R Receiver >14 hours; MTG-100T Transmitter >12 hours
Dimensions:	MTG-100R/MTG-100T: 45(W) x 84(H) x 21(D)mm 1.8(W) x 3.3(H) x 0.8(D)" MTG-100Ra/MTG-100Ta: 45(W) x 84(H) x 28(D)mm 1.8(W) x 3.3(H) x 1.1(D)"
Weight:	MTG-100R: 65g / 2.3oz (Li-poly battery included) MTG-100T: 67g / 2.4oz (Li-poly battery included) MTG-100Ra: 70g / 2.47oz (excluding batteries) MTG-100Ta: 72g / 2.54oz (excluding batteries)
PC Interface:	Ethernet network interface & ACT-BUS static IP set up interface (MTG-100C-28 only)



Specifications subject to change without notice

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MTG-100C-12
Charger Carry Case



MTG-100C-28
Charger Carry Case

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
- **MTG-100RB** Replacement lithium rechargeable battery for MTG-100R & MTG-100T (1200mA/h)
- **NL-5** Replacement neck lanyards
- **E-10S-C5** Replacement earphone storage case

Technical Specifications

MTG-100C-12	12-Slot Charger Carry Case
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 15.9(L) x 12(W) x 5.2(H) "
Net Weight:	Approx. 6 kg / 13 lbs
MTG-100C-28	28-Slot Charger Carry Case
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 20.9(L) x 13(W) x 7.5(H) "
Net Weight:	Approx. 9 kg / 20 lbs

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