

# MTG-100Ha Digital Handheld Transmitter

## Introduction

MTG-100 is an innovative digital wireless tour guide & language interpretation systems.

It is ultra compact, lightweight and easy to use. Digital design provides crystal-clear audio quality, secured and reliable transmission, and insensitive to interference attributes that are unmatched by the deficiency of simple analog design systems.

It operates in the license-free 865 & 928 MHz ISM band. ISM band requires no user licensing; thus, no worries about changing groups and channels when operating in multiple countries. Each band is preset with 16 switchable frequencies and ensures several different tours or groups can be operated at the same venue without interfering with each other.

Disposable battery system comprises of MTG-100Ra receiver and MTG-100Ta, MTG-100Ha transmitters. 2 AA batteries are used for convenient personal usage.

This system is ideal for small to large, indoor or outdoor applications for guides, interpreters or presenters to communicate effectively to a group of people, rejecting irritating surrounding noise.

## Key Features

- Innovatively designed metal housing in MIPRO's distinctive aesthetic and ergonomic style.
- Turn upper housing for 2 AA battery installation and replacement.
- The unique multi-layered metal grille protects the capsule against impact, rolling and pop noise, ensuring clarity of sound.
- Proprietary capsule suspension design eliminates vibrations and touch noises for a true natural sound reproduction.
- Interchangeable capsule module with premium condenser or dynamic options for easy and fast changeovers.
- Backlit LCD displays all operational parameter information.
- The bottom housing with built-in high-efficiency antenna features power switch, mute and setup buttons for channel, programmable gain and RF output power.
- Patented end-cap covers with color-coded channel identification clips. Detach the end-cap cover for parameter set-up. Reversible end-cap allows shielding of power on/off or mute switches during performance.
- Operates on user license-free ISM bands: EU 863 – 865 MHz and USA 926 – 928 MHz.
- Up to 60 m (196 ft) line-of-sight reception range.
- Interference-free from Bluetooth, Wi-Fi and 2.4 GHz wireless transmission.
- Digitally encrypted technology enables secure audio transmission, preventing unauthorized listening.
- Digital technology ensures crystal-clear audio quality, giving listeners the best tour experience.

## Receivers

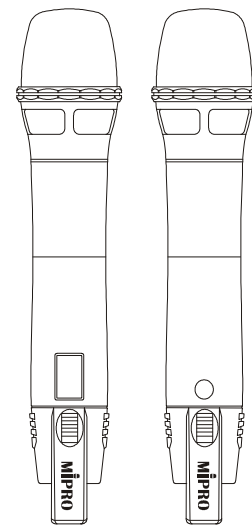
MTG-100Ra	Digital Portable Transmitter
-----------	------------------------------

## Accessories

MM-10	Mini-gooseneck Microphone
MM-202P	Mini-gooseneck Microphone
MU-101P	Headworn Microphone
MU-23P	Headworn Microphone
MU-53HNP	Headworn Microphone

## Technical Specifications

Frequency Range	CEPT/EU: 863 – 865 MHz   USA: 926 – 928 MHz
Oscillation Mode	PLL Synthesized
Preset Channels	16
Switching Bandwidth	2 MHz
Channel Grid	125 kHz
RF Output Power	<10 mW (Low/Mid/High, switchable)
Operating Range	Up to 100 meters   330 feet (line-of-sight)
Frequency Response	50 Hz – 10 kHz
Power Supply	2 AA alkaline
Operating Time	> 12 hours
Mute	Mute button ON/OFF
Dimensions (Ø × L)	51 × 258 mm / 2 × 10.1 "
Weight	Approx. 250 g / 8.8 oz (excluding AA batteries)



**CK**

Document  
imaging

by Charles Kieffer Group

Tél. +352 26 380 1 Fax +352 26 380 380

sales@ck-group.lu

2, rue Léon Laval - Z.A. Am Bann  
L-3372 Leudelange

**ck-documentimaging.lu**