

TELME USER'S MANUAL

TELME-XT;
The Most Optimized Tour Guide System
- TRANCEIVER,
Model TM11-XT

TELME-XR;
The Most Optimized Tour Guide System
- RECEIVER,
Model TM11-XR

Maytel Co., Ltd

1. General Information

1.1 Introduction

The product "TELME-XT" and "TELME-XR" are the most optimized tour guide system.

It combines quality and versatility into the most compact, simple to operate and easy to use with state of the art technology.

1.2 Main Feature

Worldwide compatible 2.4Ghz ISM band solution

- Support two units of TelMe-XT transmitting per group simultaneously
- as one for a Group guide and another for a Local guide

Long range of talk coverage over 160 yd/100m typically

- 80 channels selection and 9 steps audio output control
- Direct 5 steps microphone sensitivity selection and AUX In for publishing with music background
- Crystal clear sound quality, loud enough audio output and two earphone outputs as Ear.1 and Ear. 2

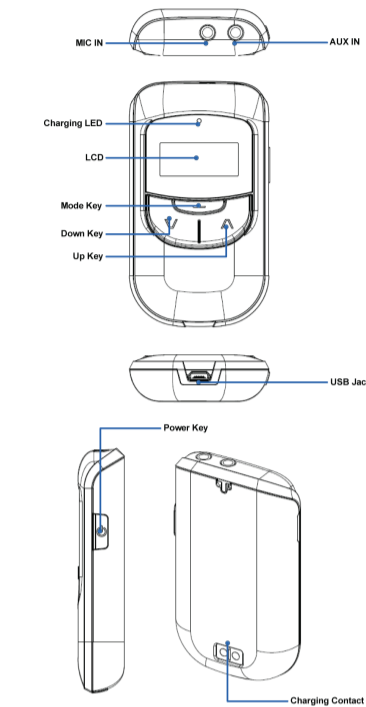
- Extremely compact 50x88x15mm and light weight 60g only
- Long enough battery life as TelMe-XT 10 hours and TelMe-XR 15 hours
- Convenient drop in charging contact and micro USB charging socket

1.3 Standard Accessories

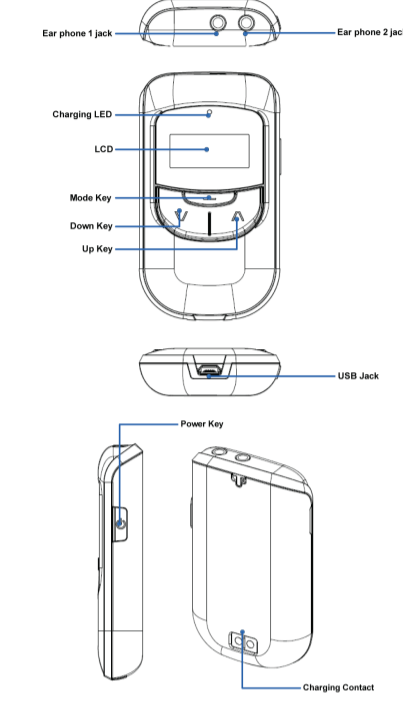
- TelMe-XT; Microphone(PM-01), Neck Strap(NS-01) and USB Charging Cable(UC-01)
- TelMe-XR; Standard Earphone in White(ER-01W), Neck Strap(NS-01) and USB Charging Cable(UC-01)

2. Controls and Indicators

2.1 TELME-XT



2.2 TELME-XR



3. How to use

3.1 Power On/Off

Press and hold the "Power" button longer than 2 seconds to turn the device power on. Afterward, press and hold the "Power" button longer than 2 seconds again to turn the device power off.

3.2 TelMe-XT Transmitter

The transmission is starting automatically as soon as the power is turned on the device. The LCD is displaying C 1, and **TALK**. And also the Group number is set at "00" and its ID is set at "00" as a default.



3.3 TelMe-XR Receiver

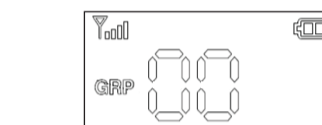
The is displaying during reception and the signal level bar is changing according to the strength of reception signal.

The Volume level is set at "03" and the Group number is set at "00" as a default.



3.4 Group selection on TelMe-XR and TelMe-XR

Press and hold the "Mode" button longer than 2 seconds. The "GRP" on the LCD is blinking. Choose the Group number by press the "▲" or "▼" button and then release all the buttons longer than 5 seconds to leave it. The blinking of "GRP" on LCD is stopping and the selected Group number is displaying.

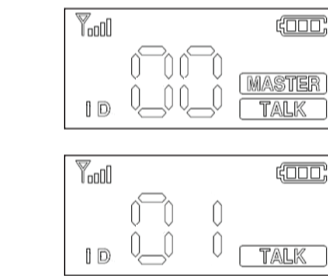


3.5 ID selection on TelMe-XT

In a group, it is available to use up to 2 units of "TelMe-XT" at the same time and each "TelMe-XT" needs to provide each different ID per group as one is ID "00" and another is ID "01". The ID "00" becomes a master in a group and every group needs to have a master with ID "00" without alternative.

The "MASTER" and "TALK" are displaying on the LCD as soon as the ID "00" is set and for another "TelMe-XT" who set at the ID "01", "TALK" is displaying on the LCD. In case only one "TelMe-XT" is required in a group, just set the ID at "00" on the unit.

Press and hold the "Mode" button longer than 2 seconds after turn the device power on. The "GRP" symbol on the LCD is blinking. And then press the "Mode" button one more time instantly. The "ID" symbol on the LCD is blinking. Select the ID either "00" or "01" in a group by press "▲" or "▼" button and then release all the buttons longer than 5 seconds to fix it.



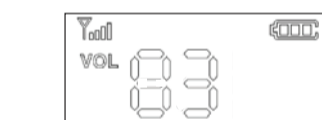
Note) Every group needs to have a master "TelMe-XT" with the ID "00". Add one more "TelMe-XT" with the ID "01" in a group beside of the master "TelMe-XT" with its ID "00", if it is required.

3.6 Microphone Sensitivity Selection on TelMe-XT

The "C1" is displaying beside of the "VOL" on the LCD. Press "▲" button to control the sensitivity up and "▼" button for the sensitivity down. It is available to adjust the volume level "0~5" and it is set at "1" as a default.

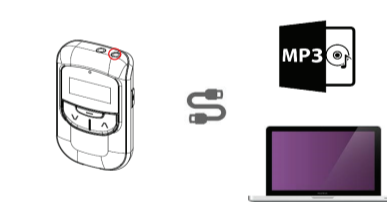
3.7 Volume Up/ Down on TelMe-XR

The "VOL" is displaying beside of the level number of current volume. Press "▲" button to control volume up and "▼" button for volume down. It is available to adjust the volume level "0~9" and it is set at "3" as a default.



3.8 AUX In on TelMe-XT

It is available to publish with music back ground. Please cable connect between Aux In and Audio output of any other out source's device using the AUX cable (AU-01) and select the volume level of music appropriate.

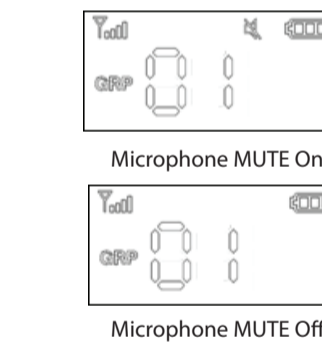


Note) The AUX cable (AU-01) might be not working. It is dependent on the wire diagram of Audio output that the out source's device has. Please check the wire diagram with the "TelMe-XT" and make it correctly.

3.9 Microphone Mute On / Off on TelMe-XT

On the TelMe-XT transmitter, its Microphone MUTE On/Off is provided.

Press the "Mode" button instantly to do the Microphone MUTE On. In the LCD, " " is displaying. Press the "Mode" button once again instantly to do the Microphone MUTE Off. In the LCD, " " is disappeared.



It's default setting is the Microphone MUTE Off

4. Battery

The rechargeable Li-ion battery 3.7V, 800mA is installed in each device, TelMe-XT and TelMe-XR. Plug the USB charging cable into the USB port and recharge the battery. The Red color LED in the right side top corner of device is turned on during the charging and turned off when the battery is fully charged.

5. SPECIFICATION

Frequency

ISM 2,403 ~ 2,480 MHz

Type

Wireless Microphone/Receiver Unit

Radio Interface

ISM 2.4GHz; GFSK Modulation with Frequency Hopping

Voice Codec

16KHz/16bits

Tx Max Output Power

100mW

RX Sensitivity

-95 dBm

Voice Latency

<20ms

Num. of Frequency Channel

80 chs

Channel Spacing

500 KHz

Data Rate

500 Kbps

Freq. Bandwidth

500 KHz

Battery

Li-ion Battery @ 3.7V 800mA

Antenna

Internal Chip Antenna

Working Time

For TelMe-XT; 10hr typ. and for TelMe-XR; 15 hr

Power Consumption

100mW

Distance Range(LOS)

150M

Frequency response

50 Hz ~ 8 kHz

Maximum operation Transmitters

2 Transmitters

Dimension

50 mm X 88 mm X 15 mm

Weight

60g(Typical)