User Manual

USER'S MANUAL

TelMe-XT (SP-100M);
Wireless Digital Intercom

Its user's manual has been provided in
Its package separately

Maytel Co., Ltd

1. General Information

1.1 Introduction

The Smart Wireless PA System is consist of Smart PA-Wireless Speaker (SP-100S), Wireless Digital Intercom (TelMe-XT).

It serves extremely simple and convenient to setup the PA system at any place you need to publish.
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 Microphone per group at the same time
- Install the SP-100S Speaker as many as you prefer over 100m coverage
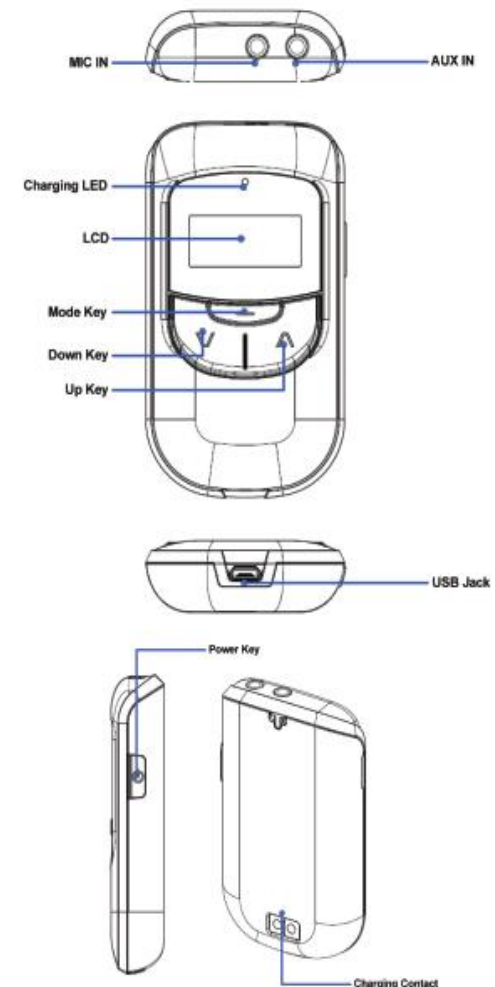- Direct 5 steps microphone's sensitivity selection and AUX In for publishing with music background

- Crystal clear sound quality and loud enough audio output with fully fulfilled 10W RMS per speaker
- Long range of distance coverage over 109 yd/100m typically
- 77 channels selection and 9 steps audio output control
- Extremely compact 130x96x61mm with light weight 40g for SP-100S Speaker
- Long enough battery life as TelMe-XT Microphone 10 hours, SP-100S Speaker 6 hours.

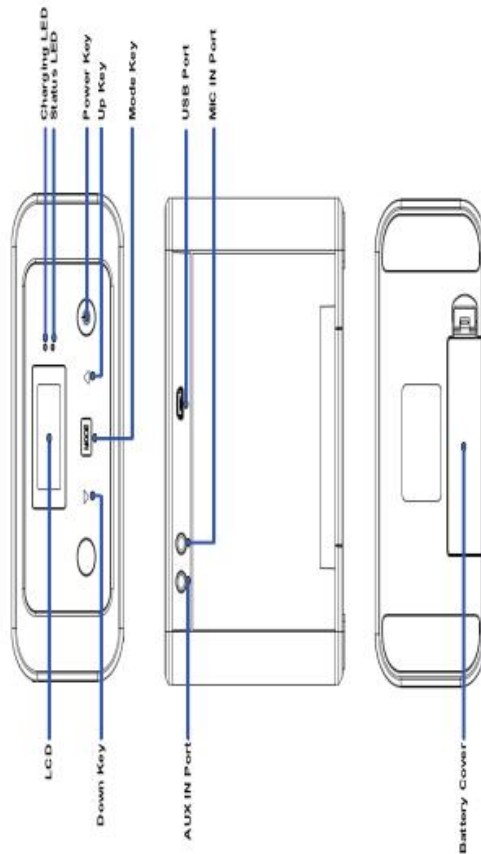- Convenient micro USB charging solution

1.3 Standard Accessories

- SP-100S; Carrying pouch(CP-01), Leather Hand strap(HS-01), Leather Shoulder strap(SS-01), AUX cable (AU-01) and USB Charging cable (UC-01)
- TelMe-XT
  Neck Strap(NS-01) and USB Charging cable(UC-01)

2. Controls and Indicators

2.1 TelMe-XT, Microphone

MIC IN
AUX IN
Charging LED
LCD
Mode Key
Down Key
Up Key
USB Jack
Power Key
Charging Contact

2.2 SP-100S, Speaker

Charging LED
Status LED
Power Key
Up Key
Mode Key
USB Port
MIC IN Port

LCD
Down Key
AUX IN Port
Battery Cover

3. How to use

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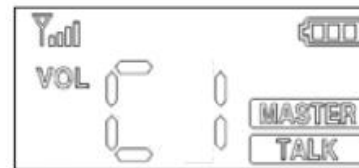Press and hold the "Power" button longer than 2 seconds to turn the device power on.
Afterward, press and hold the "Power" button longer than 2 seconds again to turn the device power off.

3.2 TelMe–XT Microphone
The transmitting is starting automatically as soon as the power is turned on the device.
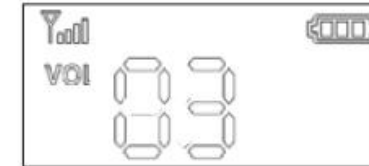The LCD is displaying 📶, C 2, MASTER and TALK .
And also the Group number is set at "00" and its ID is set at "00" as a default.

3.3 SP-100S Receiver
The 📶 is displaying during reception and the signal level bar is changing according to the strength of reception signal.

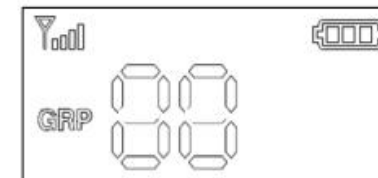The Volume level is set at "03" and the Group number is set at "00" as a default.

3.4 Group selection on TelMe–XT and SP-100S
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 "SP-100M" at the same time and each "SP-100M" 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.
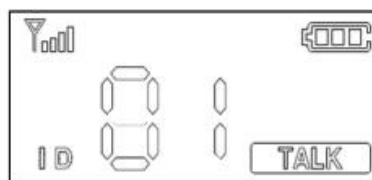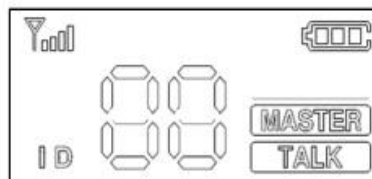The "MASTER" and "TALK" are displaying on the LCD as soon as the ID "00" is set and for another "SP-100M", who set at the ID "01", "TALK" is displaying on the LCD.
In case only one "SP-100M" is required in a group, just set it with the ID "00".
Press and hold the "Mode" button longer than 2 seconds after 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 "SP-100M" with the ID "00" .
Add one more "SP-100M" with the ID "01" in a group beside of the master "SP-100M" with the ID "00", if it is needed.
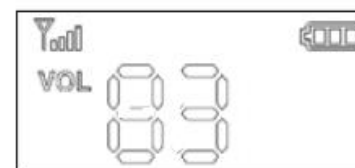
3.6 Microphone Sensitivity Selection on TelMe-XT

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 "2s" as a default.

3.7 Volume Up/ Down

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 and SP-100S

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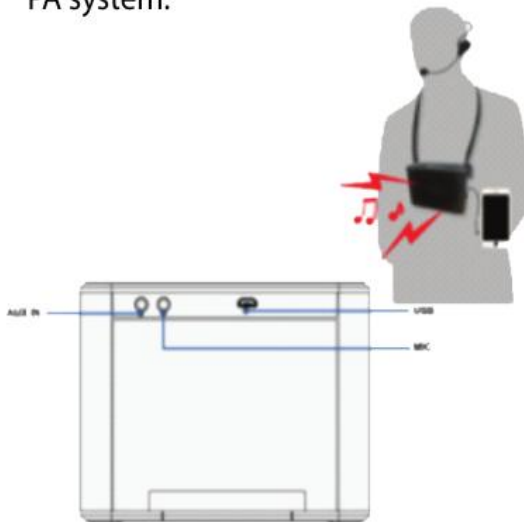
Note) The AUX cable (AU-01) might be not working. It is dependent on the wire diagram of Audio output that the out source's device has.
Please check the wire diagram with the "TelMe-XT" and make it correctly.

3.9 Microphone In on SP-100S

It is available to plug the optional "Ear headset Boom Microphone (EHR-01)" or "Clip type Microphone(CM-01)" into the Mic. In of "SP-100S" and use it a standalone PA system.

4. Battery Recharging

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. For functional quality, this device is not operate when the battery is charging.

5. SPECIFICATION

Radio Frequency Type

ISM 2403MHz~2479MHz

Type

Wireless Microphone/Receiver Unit

Type of Modulation

ISM 2.4GHz: GFSK Modulation with Frequency Hopping / F1E

Tx Max Output Power

6.5dBm ±0.5dB

RX Sensitivity

-95 dBm

Voice Latency

<20ms

Num. of Frequency Channel

77ch

Channel Spacing

1MHz

Data Rate

2Mbps

Freq. Bandwidth

2MHz

Battery

Li-ion Battery@3.7V 800mA for TelMe-XT and @7.4V 1700mA for SP-100S

Antenna

Internal Chip Antenna

Working Time

For TelMe-XT : 10Hr typ.

For SP-100S : 6Hr typ.

Power Consumption

100mW

Distance Range(LOS)

100m

Frequency response

50 Hz ~ 8 kHz

Dimension

TelMe-XT : 50mm X 88mm X 15mm

SP-100S : 130mm X 96mm X 61mm

Weight

TelMe-XT :   60g typ.

SP-100S :   385g typ.