



USER'S MANUAL

FOR

mGuide DLR-01T & mGuide DLR-01R

mGuide DLR-01T
DIGITAL 2.4Ghz TOUR GUIDE SYSTEM TRANSMITTER

mGuide DLR-01R
DIGITAL 2.4Ghz TOUR GUIDE SYSTEM RECEIVER

1. GENERAL INFORMATION

1.1 Introduction

mGuide DLR is advanced digital tourguide system for guides and other professionals to be used all-around-the world thanks to 2.4 GHz range.

1.2 Main Feature

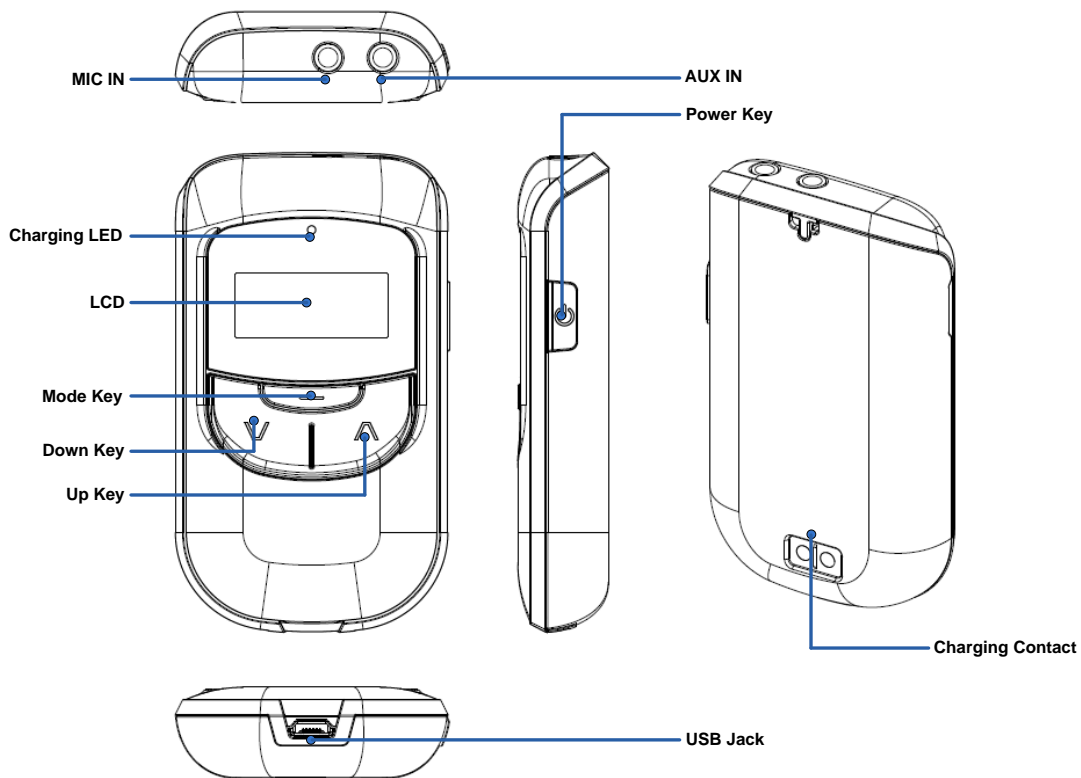
- Worldwide compatible 2.4Ghz ISM band solution
- Support two units of mGuide DLR-01T transmitting per group simultaneously as one for a Group guide and another i.e. for a Local guide
- Long range of talk coverage over 150 m typically (line of sight)
- 80 channels selection and 9 steps audio output control
- 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 mGuide DLR-01T 10 hours and mGuide DLR-01R 15 hours
- Convenient drop in charging contact and micro USB charging socket

1.3 Standard Accessories

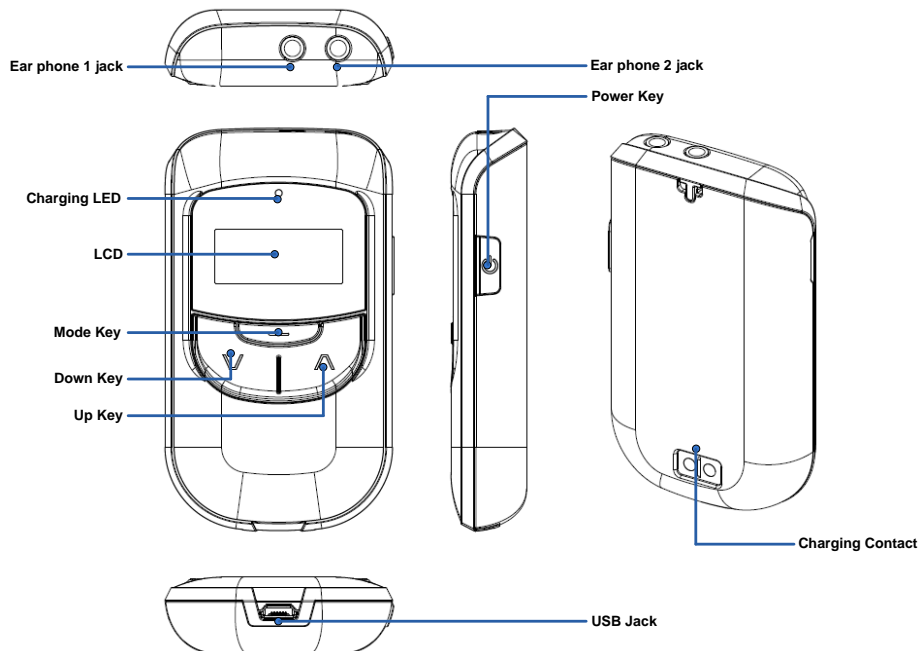
- mGuide DLR-01T- Neck Strap(NS-01)
- mGuide DLR-01R - Neck Strap(NS-01)

2. CONTROLS AND INDICATORS

2.1 MGUIDE DLR-01T



2.2 MGUIDE DLR-01R




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.

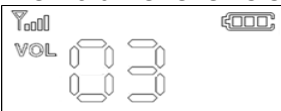
3.2 mGuide DLR-01T Transmitter

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



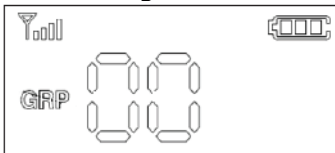
3.3 mGuide DLR-01R Receiver

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 mGuide DLR-01T and mGuide DLR-01R

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 mGuide DLR-01T

In a group, it is available to use up to 2 units of "mGuide DLR-01T" at the same time and each "mGuide DLR-01T" 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 "mGuide DLR-01T" who set at the ID "01", "TALK" is displaying on the LCD.

In case only one "mGuide DLR-01T" 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 "mGuide DLR-01T" with the ID "00" .

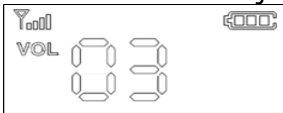
Add one more "mGuide DLR-01T" with the ID "01" in a group beside of the master "mGuide DLR-01T" with its ID "00", if it is required.

3.6 Microphone Sensitivity Selection on mGuide DLR-01T

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 mGuide DLR-01R

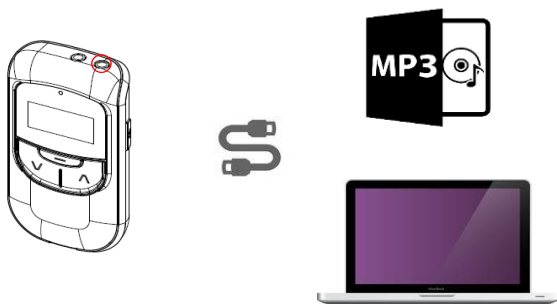
The "VOL" is displaying beside of the level number of current volume.
Press "▲" button to control volume up and "▼" button for volume down.
It is available to adjust the volume level "0~9" and it is set at "3" as a default.



3.8 AUX In on mGuide DLR-01T

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 "mGuide DLR-01T" and make it correctly.

3.9 Microphone Mute On / Off on MGuide DLR-01T

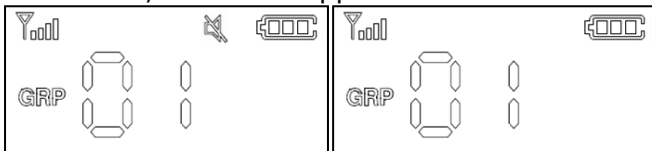
On the mGuide DLR-01T transmitter, its Microphone MUTE On/Off is provided.

Press the "Mode" button instantly to do the Microphone MUTE On.

In the LCD, "M" is displaying.

Press the "Mode" button once again instantly to do the Microphone MUTE Off.

In the LCD, "M" is disappeared.



Microphone MUTE On

Microphone MUTE Off

It's default setting is the Microphone MUTE Off

4. BATTERY

The rechargeable Li-Ion battery 3.7V, 800mA is installed in each device, mGuide DLR-01T and mGuide DLR-01R.

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

ITEM	SPECIFICATION
Radio Frequency Type	ISM 2403MHz ~ 2480MHz
Type	Wireless Microphone/Receiver Unit
Radio Interface	ISM 2.4GHz: GFSK Modulation with Frequency Hopping
Voice Codec	16KHz/16bits
Tx Max Output Power	10mW
Rx Sensitivity	-95dBm
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 mGuide DLR-01T - 10hr typ. and for mGuide DLR-01R - 15 hr
Power Consumption	100mW
Distance Range(LOS)	150M
Frequency response	50 Hz ~ 8 kHz
Maximum operation Transmitters per channel	2 Transmitters
Dimension / Weight	50 mm X 88 mm X 15 mm / 60g(Typical)

6. DISTRIBUTION



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