



User's manual mGuide DLR-02

The most optimised method of wireless, mutual discussion and communication in full-duplex mode between a guide/ leader and any participant.

1. General information

1.1 Introduction

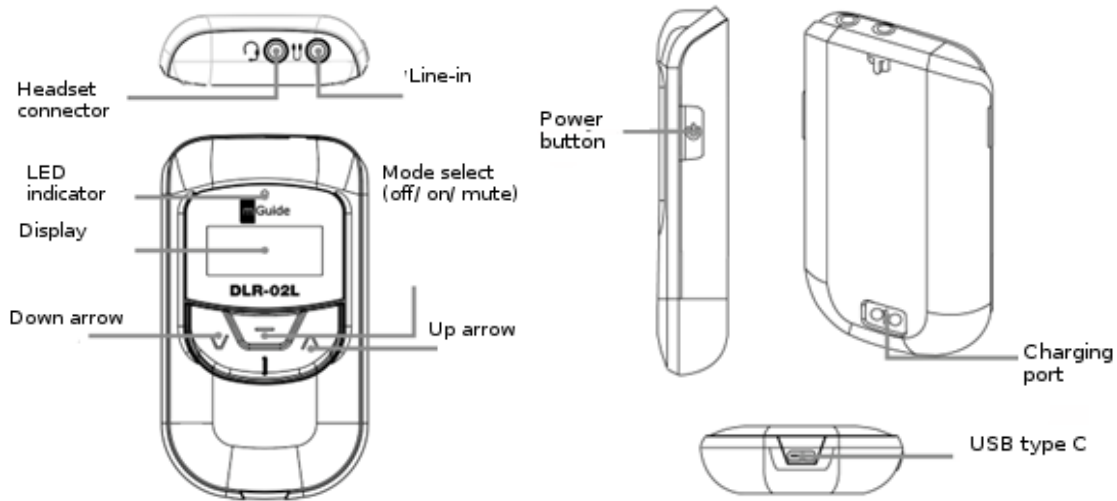
The units „mGuide DLR-02L” and „mGuide DLR-02P” provide the most optimised mode of wireless, mutual discussion and full-duplex communication between the guide/ leader and any participant in a meeting, with the other members listening in. It is a fusion of high quality and versatility through compact and easy-to-use equipment utilising state-of-the-art technology.

1.2 Key features

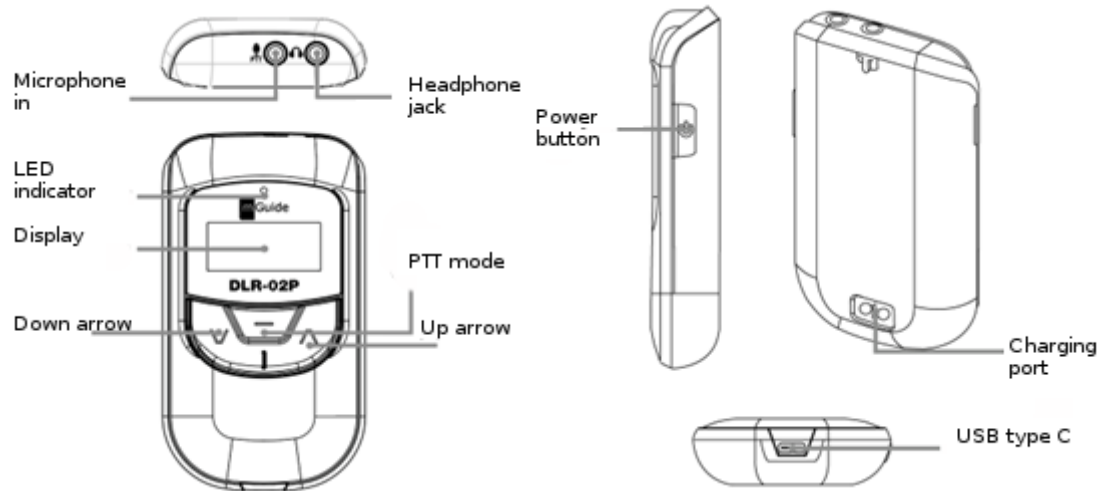
- Discussion in full duplex mode between the guide/ leader and any participant, with all others listening in.
- Fully digital, crystal clear sound quality and optimum volume over a distance of 150 m.
- Direct, five-level selection of microphone sensitivity; AUX input for background music playback.
- Option to listen to the guide's/ leader's voice with any selected favourite music background or sound effect.
- Very easy configuration in just three steps, user-friendly functions.
- Ultra-compact (50 x 88 x 16.5 mm) and light (60 g) system.
- Comfortable drop-in charging system; alternatively – USB charging.

2. Buttons and indicators

2.1 mGuide DLR-02LEADER (transmitter, guide/ leader unit)



2.2 mGuide DLR-02PARTICIPANT (receiver, participant unit)




3. Mode of usage

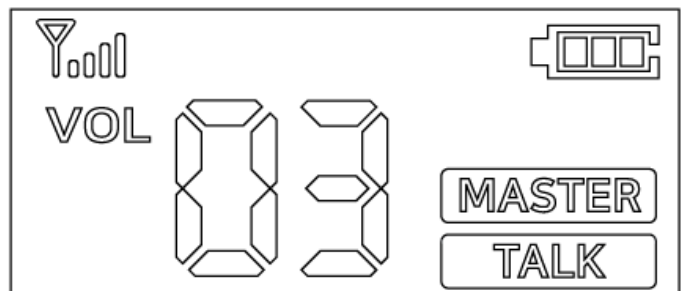
3.1 Power on/ off

Press and hold down the „Power” button longer than two seconds to turn the power on the unit on. To turn the power off, press and hold the “Power” button again for over two seconds.

3.2 mGuide DLR-02L

Transmission begins automatically when the unit is switched on.


The LCD display will display the following icons by default: VOL 03, and . The default group number is „00”.

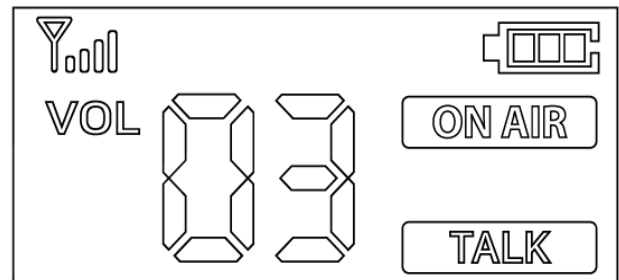


Adjust the volume level using the buttons „▲” and „▼”.

Set the same group number (see item 3.4) on the mGuide DLR-02L and mGuide DLR-02P and start using the device.

3.3 mGuide DLR-02P

The LCD display will show the icons  and VOL 03 when the power is turned on, and when the mGuide DLR-02L and mGuide DLR-02P units are set to the same group number. The default volume and group number are „03” and „00”.



Connect the headset (ELM-01) to the  or  jacks.

Adjust the volume level using the buttons „▲” and „▼”.

Set the same group number for the mGuide DLR-02L and mGuide DLR-02P units (see item 3.4).

If you would want to talk to the leader/ guide, press the PTT button for longer than a second.

The icons **ON Air** and **TALK** will be displayed if transmission is successfully activated.

The **ON Air** symbol shows up on the LCD for a moment if any one of the members speaks after the PTT button is pressed before You.

In such a case you have to wait until the **ON Air** symbol disappears.

If you push the PTT button when the **ON Air** symbol is displayed, then the PTT function is not going to be activated with an audio signal.

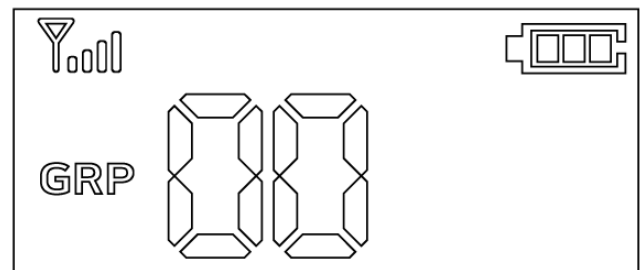
3.4 Selecting groups for the mGuide DLR-02L and the mGuide DLR-02P

Press and hold the buttons „▲” and „▼” for longer than two seconds.

The LCD will have the sign „GRP” blinking.

Select the group number using the „▲” and „▼” buttons; then release all buttons and wait over two seconds for the settings to be stored.

When the „GRP” symbol stops blinking, the LCD will display the newly selected group number.



3.5 Setting microphone amplification on the mGuide DLR-02L and the mGuide DLR-02P

Press and hold the buttons „▲” and „▼” for over two seconds.

The LCD will have the „GRP” symbol blinking.

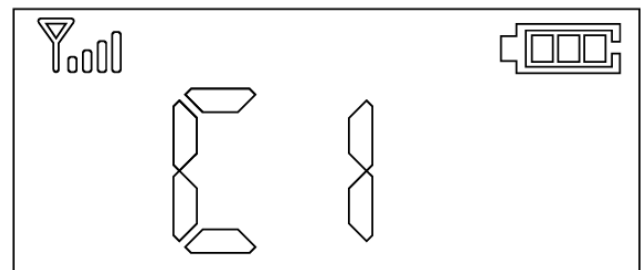
Press the Mode Selection button once.

The current microphone amplification setting will show on the LCD.

The default setting is “C1”.

Change the settings using the buttons “▲” and “▼”.

The microphone amplification level can be set between 1 and 5.

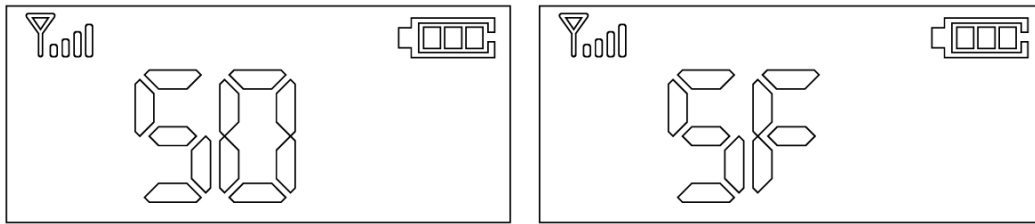


3.6 Setting the voice echo on the mGuide DLR-02L and mGuide DLR-02P

Press and hold the buttons „▲” and „▼” for over two seconds.

The LCD will have the „GRP” symbol blinking.

Press the Mode Selection button twice.
 The current voice echo setting will show on the LCD.
 The default setting is „SO”.
 This setting may be changed using the „▲” and „▼” buttons.



- Voice echo on (SO); When talking, you will hear your voice on the headset.
- Voice echo on (SF); When talking, you will not hear your voice on the headset.

3.7 Conversation distance selection on the mGuide DLR-02L

Press and hold the buttons „▲” and „▼” for over two seconds.
 The LCD will have the „GRP” symbol blinking.
 Press the mode selection button three times.
 The LCD will display the symbol „P7”.
 Press the button „▲” to increase conversation distance, or the button „▼” to reduce conversation distance.
 The discussion distance level may be adjusted between 1 and 7.
 P7 indicates the maximum conversation distance in a typical environment.

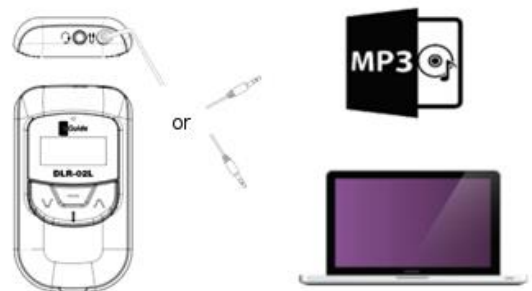
Reference table

| Level | Distance (range) | Number of simultaneous user groups at the same location |
|-------|------------------|---|
| P1 | 10-20 m | 80 groups |
| P4 | 50-70 m | More than 10 groups |
| P7 | 170 m | More than four groups |

3.8 Sound playback from an external source on the mGuide DLR-02L

It is possible to transmit with background music.
 Connect the cable between the line in jack U and the external sound source, using the optional line connection cable (LC-01); next, adjust the music volume level.

Note. The line connector cable (LC-01) might not work at all, depending on the external connections of the sound source. Check the diagram of the external connections of the sound source and match it to the line-in connection of the mGuide DLR-02L.



3.9 Muting the microphone on the mGuide DLR-02L

The mGuide DLR-02L supports muting of the microphone.
 The mute function is off by default.
 A short press of the „Mode Selection” button enables the mute function.
 The LCD will show the symbol .
 Another short press of the „Mode Selection” button will unmute the microphone.
 The symbol will disappear from the LCD.

4. Battery

Every mGuide DLR-02L and mGuide DLR-02P unit has a rechargeable Li-Ion 3.7 V, 1100 mAh battery. Connect the USB charging cable to a USB outlet to charge the battery.

The red LED on top of the unit will shine during charging, going blank when the battery is full.

5. Technical specifications

| Item | Data |
|----------------------|---|
| Radio frequency band | 2.403 MHz ~ 2.480 MHz |
| Communication type | Full-duplex |
| RX sensitivity | 95 dBm |
| Group count | max. 80 |
| Battery | Li-Ion 3.7 V, 1100 mAh |
| Antenna | Internal |
| Operation time | Estimated 10 hours for guide/ leader and 15 hours for participant |
| Range | 150 m |
| Dimensions | 50 mm x 88 mm x 16.5 mm |
| Weight | 65 g |
| Display type | Positive |
| Induction loop | Supported |

6. Service and distribution



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