

## User manual

This manual contains important information on the safe operation of the device. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the device on to others please include this manual.

### Safety instructions

#### Intended use

This device is used to receive radio signals and transform them into acoustic signals. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

#### Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children.

Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

#### Interference with other electrical equipment

Using the device near radios or TV sets may cause interference. Then increase the distance between the devices.

#### Where to use the product

Never use the product

- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet
- near magnetic fields

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#### General handling

- To prevent damage, never use force when operating the switches and controls.
- Never immerse the appliance in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

#### Keep foreign substances from the unit!

Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

#### Possible hearing damage



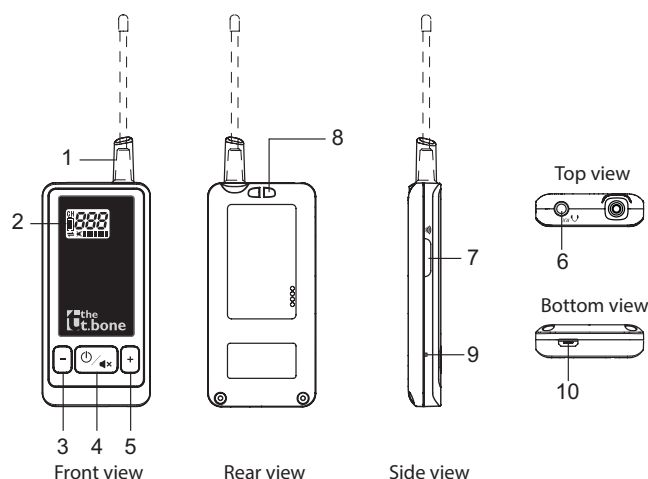
When earphones are connected, the unit can produce volume that may cause temporary or permanent hearing impairment. Do not operate the device continuously at high volume. Turn down the volume immediately if background noise or hearing failure should occur.

### Features

- Guide system receiver, system component with return channel (switchable)
- 20 switchable channels in the UHF range 863 - 865 MHz
- Automatic synchronization of all receivers in a group











- LCD display
- Built-in lithium-polymer battery, micro-USB charging port
- 3.5 mm mini jack socket for earphones
- Built-in microphone for queries
- Including earphone and lanyard
- Not compatible with t.bone Tour Guide Mini transmitters / receivers

### Operating elements





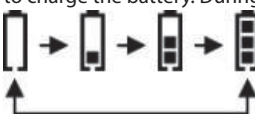


1. Antenna
2. LCD display
3. Channel selection / volume down
4. On / off switch / Mute / Calling up setting parameters
5. Channel selection / volume up
6. Earphone connection
7. Switch for 2-way communication
8. Eyelet for lanyard
9. Forced shutdown switch
10. Micro USB charging port

### Display

	Channel change		100 % battery charge level
	Mute		70 % battery charge level
	Volume value 5		30 % battery charge level
	2-way communication on / Earphone volume value 4		10 % battery charge level
	2-way communication on		No signal is received




### Using the device

1. Use an appropriate USB charging station to charge the device (e. g. item no. 386332, not included). A full charge of the built-in battery takes about 7 hours and allows operation for about 17 hours.
2. Connect the earphones to the 3.5 mm mini jack socket (6).
3. Keep the on / off button (4) pressed for two seconds to turn the unit on. The display (2) lights up and indicates the last used transmission channel.
4. To select another channel keep the + / - buttons (5, 3) simultaneously pressed for two seconds. The CH indicator flashes on the display. Use the + / - buttons to select the desired channel.
5. To confirm the selection, briefly press the on / off button (4) or wait five seconds for the unit to save the new channel automatically. The CH indicator stops flashing. The receivers in a group are synchronised automatically.
6. The volume level is set to 4 by default. Eight levels between  (mute) and  (full) can be set. To increase the volume press the + button (5), to reduce it press the - button (3). Briefly press button 4 to mute the device. Then the  icon appears on the display.
7. When the battery is fully charged, the display shows . When this icon is flashing, only 10 % battery power are remaining and you need to charge the battery. During charging, this icon appears:  

8. The unit turns off during charging. To use it during charging, keep the on / off button (4) pressed for two seconds to turn the unit on.
9. To turn the device off, keep the on / off button (4) pressed for two seconds.
10. If the device does not work as described here, press the switch for forced shutdown (9) for 1 second with a pointed object. The device turns off. Then turn the device back on.

### Two-way communication

The two-way function between transmitter and receivers is activated on the transmitter. As the transmitter transmits, multiple receivers may enter. The transmission signal is reproduced by all receivers within a group.

#### At the transmitter


Slide the two-way communication switch (7) on the side of the transmitter to the ON position . The two-way communication icon  appears on the transmitter display, and both the speaker icons and the level meter display  begin to flash. The level meter display now shows the earphone volume of the transmitter. Press the + / - buttons (5, 3) to increase or decrease the volume.

Make sure the microphone volume is set as desired before enabling two-way communication.

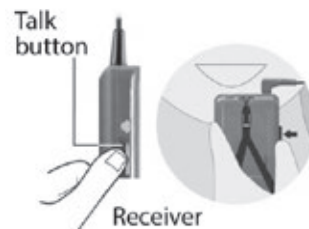


Slide the two-way communication switch to the OFF position to disable two-way communication.

#### At the receiver


To make announcements, press and hold the talk button  on the side of the receiver while talking into the built-in microphone. After your announcement, release the talk button so that the next person can speak.

Pressing the talk button twice in quick succession will put the receiver in permanent talk mode and prioritize it in front of the other receivers. Now the talk button does not have to be pressed during the announcement. Press the talk button to cancel this mode.



### Technical specifications

NF frequency response:	20 Hz – 3 kHz
Audio sampling rate:	8 kHz 16 bit
Dynamic range:	> 80 dB
Singal-to-noise ratio:	> 50 dB
Modulation:	GFSK
Latency:	35 ms
Carrier frequency range:	863 – 865 MHz

Transmitting power:	10 mW
Lithium-polymer battery:	3.7 Volt, 1300 mAh
Charging source:	5 V  micro USB
Charging time:	ca. 7 hours
Dimensions (W x H x D):	40 x 82,6 x 12 mm
Weight:	< 50 g



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.