

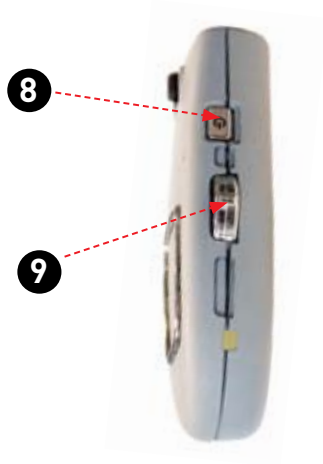
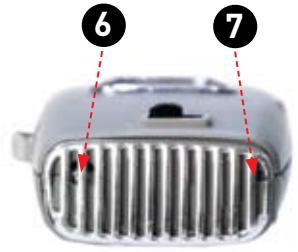


LIBERTO

USER MANUAL

A decorative graphic at the bottom of the page consisting of multiple thin, overlapping red lines that form a wavy, horizontal shape.

COMMidt[®]



LIBERTO



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Congratulations

Congratulations on your new Liberto. We hope you get a lot of pleasure from this solution which gives you better sound in conversations and at meetings with several participants.

This user manual will ensure you get started, so that you get the most pleasure from your new solution. Your local dealer offers a range of accessories which will further enhance the functionality of this product.

Before use, the unit must be fully charged (see page 5 for directions). Charge time is approximately 2 hours.

Never attempt to dismantle the product yourself. Only approved local dealers or service centres may open the products. Contact your local dealer if any parts of the unit need replacing.

Keep out of reach of children:

The plastic packaging of the product and accessories are not children's toys. The packaging or the small parts it contains may cause choking if swallowed.

Ignition of flammable atmospheres

Do not use the Liberto in environments where there is a danger of igniting flammable gasses.

About Liberto

Liberto is a wireless Bluetooth microphone. This can be paired with the Maestro or other Bluetooth devices.

See the illustrations on page 1 for an explanation of the points below

- **Talk button ①:**
Used to establish a connection with a paired device (Maestro).
- **Socket for charging and accessories ②:**
The power supply cable is connected here, as well as other accessories with 2.5mm jack.
- **Status lamp ③:**
Indicates if the Liberto is communicating with a paired device (Maestro)
See the table on page 9 for an explanation of the light signals.

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- **Microphone selector ④:**
Used to switch between the directional and omni-directional microphones (see explanation below).
- **Battery indicator lamp ⑤:**
Shows the battery level of the Liberto.
See the table on page 8 for an explanation of the light signal.
- **Zoom microphone ⑥:**
Captures sound from a defined direction and reduces background noise.
- **Omni-microphone ⑦:**
Captures sound from all directions (360 degrees).
- **On/Off button ⑧:**
Switches device on and off.
- **Microphone sensitivity button ⑨:**
Used to adjust the sensitivity/strength of the microphone.

The functions of the Liberto

In situations where you feel the sound from the hearing aids/CI is too low or there is too much noise, you can use the wireless Liberto microphone with a Maestro (Neck Loop). The Liberto sends wireless sound to a paired device, e.g. the Maestro. You can choose between a zoom microphone and an omni-directional microphone. You also have the choice of establishing a connection to the Maestro from the Liberto (push-to-talk).

Charging the Liberto

Make sure the Liberto is fully charged before use.

You can charge the Liberto in the following ways:

- Accompanying charger (charges from a power supply).
- Through the Twin Charger Cradle/Audiostreamer (accessory).
- With the Car Charger (accessory)

During charging, the Battery indicator lamp ⑤ will flash red.

When the Liberto is fully charged, the Battery indicator lamp ⑤ will illuminate solid blue.

When the battery level is low, the Battery indicator lamp ⑤ will flash red.

Note: The lifetime of the battery will be significantly reduced if the devices left uncharged for extended periods. We therefore recommend that you charge the device at least once a month.

When the operation time of the battery begins to decrease, and you wish to replace it, please send the Liberto to your local dealer.

The article number of the battery is: 956-001

Switching the Liberto on and off

How to switch on the Liberto:

- Press and hold the On/Off button **8** until you see a blue light on the Battery indicator lamp **5**.

How to switch off the Liberto:

- Press and hold the On/Off button **8** down until you see a red light on the Battery indicator lamp **5**.

Pairing the Liberto with the Maestro

Your Liberto must be programmed to be able to communicate with another device, e.g. the Maestro. This is done by connecting these together wirelessly (pairing).

NOTE: It is important that the Liberto and the device it is paired with are within a distance of 1 meter while paired and that both devices are fully charged.

1. How to set the the Liberto to pairing mode:

- Switch the Liberto on
- Press and hold down the On/Off button **8** until the Battery indicator lamp **5** flashes alternately red and blue. The Liberto is now ready to pair for approximately 3 minutes.

2. How to set the the Maestro to pairing mode:

- Press and hold the pairing button on the Maestro (see the Maestro's user manual for instructions) until you see the Battery indicator lamp on the Maestro flash alternately red and blue. You will also hear a double tone from the Maestro. The Maestro will now search for the Liberto.

3. Pairing completed!

- When the Maestro and Liberto are paired, they will establish communication with each other. You will see this when the status lamp **3** lights solid yellow. It will do this every time it communicates with a Bluetooth device (Maestro).
- If the pairing was unsuccessful, repeat steps 1 to 3.

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If you pair the Liberto with Bluetooth devices other than the Maestro, the device must be set to pairing mode (the device must have a password of 0000 for the pairing to be completed). We cannot guarantee lip synchronisation with devices other than the Maestro as the Liberto uses the communication delay of the device it is paired with.

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How to...

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... adjust the sensitivity/strength of the microphone

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- The microphone sensitivity can be adjusted in stages (press for each sound level) or by holding the microphone sensitivity button **9** in the desired direction until the desired level has been achieved.
- The Liberto remembers its last volume position, so that when it is switched off and on, it will start at the same volume position.

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... switch between microphones

- You can switch between two different microphones.
- The omni-directional microphone **⊙** captures sound from all directions. The directional microphone **⊖** captures sound from just one direction and reduces background noise.
- When using the directional microphone **⊖**, it must be pointed towards the sound source you wish to hear (see page 1 to see where the microphones is placed).
- Switch between the microphones by setting the microphone source button **4** to the desired position.

... establish speech connection

- Establish connection with the Maestro
 - Switch on the Liberto (see page 6 for instructions).
 - Switch on the Maestro and set it to Conversation mode (see the Maestro's user manual for instructions).
 - The Maestro will search for your previously paired Liberto.
 - The Maestro will establish a connection with the Liberto. You will see this when the status lamp **3** on Liberto illuminates solid yellow.
- Establish connection with the Liberto
 - Switch on the Liberto (see page 6 for instructions).
 - Switch on the Maestro (see the Maestro's user manual for instructions).
 - Press the talk button **1**.
 - The Liberto will search for your previously paired Maestro.

- The Liberto will establish a connection with the Maestro. You will see this when the status lamp ③ on Liberto illuminates solid yellow.

... terminate connection to the Liberto

- The connection can be terminated in the following 4 ways:
 - Change the mode on the Maestro (see the Maestro's user manual for instructions)
 - Switch off the Maestro (see the Maestro's user manual for instructions)
 - Press the talk button ①
 - Switch off the Liberto (see page 6 for instructions)

Usefull tips:

Using the accompanying rotating shirt/blouse clip can reduce noise caused by the device rubbing off clothing. Attach the clip to the back of the Liberto. You can also attach a cord to the clip on the Liberto so that it can be hung around the neck. Thread the accompanying cord through the hole on the Liberto's clip.

Make a loop in the cord so that it remains in place.

Description of light diodes and colours

Battery indicator lamp ⑤	
What you see	What this implies for the Liberto
Solid blue light	The battery level is between 100% - 20%
Flashing red light	The battery level is below 20%
Flashing blue light	The Liberto is searching for a paired device (Maestro)
Solid blue light (while charging)	Charging complete
Flashing red light (while charging)	The Liberto is charging
Alternating blue and red light	The Liberto is ready for pairing

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Status lamp 3

What you see	What this implies for the Liberto
Solid yellow light	The Liberto has a connection with a Bluetooth device (Maestro)

Trouble shooting and FAQ

The Liberto will not switch on!

- Charge the battery.

The Liberto will not charge!

- Make sure the charge plug is correctly connected to the Liberto and that the socket is working.

I hear crackling!

- For the best possible sound quality, the Liberto must be within range of the Maestro.
- If you are using the Maestro headset, make sure the plug to the headset is correctly connected.

I cannot hear anything from the Liberto!

- Increase the volume on the Maestro.
- Check that the Liberto is paired with the Maestro (see page 6 for instructions).
- If you are using the Maestro headset, make sure the plug to the headset is correctly connected.
- If you are using the hearing aid, make sure the loop is placed correctly around the neck and that the hearing aid is set to the T or MT setting.

Will the Liberto work with other Bluetooth devices?

- The Liberto is made to be able to work with all Bluetooth devices. This depends on the Bluetooth devices being compatible with Bluetooth version 1.2 or 2.0 and supporting an A2DP profile.
- The Bluetooth devices must have "0000" as password.

Storage and maintenance

- Always store the device with the power switched off.
- Do not store the device in extreme temperatures (over 45°C/113°F, in direct sunlight, or below -10°C/14°F). This can reduce the lifetime of the battery and affect performance. High temperatures can also reduce performance.
- Do not expose the devices to liquid or moisture.
- Clean the devices with a dry cloth.

Certification and safety approvals

CE

This product is CE marked accordingly to the provisions of the R & TTE Directive (99/55/EC), COMMidt AS, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1995/5/EC.

For further information, please consult: <http://www.commidt.com>

Bluetooth

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Electrical and electronic equipment (EEE) contains materials, components and substances which can be dangerous and detrimental to human health and the environment if waste electrical and electronic equipment (WEEE) is not disposed of correctly. Products marked with the “crossed-out waste bin” symbol shown below are electrical and electronic equipment.

This symbol indicates that waste electrical and electronic equipment must not be discarded along with unsorted household waste, but must be collected separately. In the development and manufacture of your COMMidt product, high-quality materials and components have been used which can be recycled. When disposing of electrical and electronic equipment you should therefore make use of a collection arrangement intended for this purpose, which may involve either delivery at your local collection point or recycling station or collection at your home. Further information should be obtained from your local dealer.



Batteries contain substances that may be harmful to human health and the environment if not handled properly. Batteries are labelled with a crossed dustbin as shown. It symbolizes that waste batteries must not be disposed of as unsorted municipal waste, but must be collected separately.

Some batteries are also labelled with the chemical symbol Hg (mercury), Cd (cadmium) or Pb(lead). This is particularly harmful substances, and therefore it is important that these batteries will be collected.

It is important that you hand your waste batteries to the collection systems which are established. On this way you help to ensure that batteries are recycled in accordance with the law and will not unduly impact the environment.

When disposing of waste batteries you must use a collection system established for that purpose whether it be handed in at your local collection point or recycling or collected directly from the household. Detailed information must be obtained from the local authorities.

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Removal of the battery:

1. Unscrew the screw on the rear of the unit
2. Remove the front cover
3. Unscrew the screw on the circuit board.
4. Remove the circuit board
5. Unplug the battery

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Declaration of conformity

ES

We COMMidt, Kirkegata 57-59, 7600 Levanger, Norway declare under our own responsibility that the Bluetooth products to which this declaration refers conforms with the relevant standards or other standardised documents.

SE

- 93/42/ EØF
- NS-EN 12182
- ETSI EN 301 489-1 V1.4.1 (2002-08)
- ETSI EN 301 489-17 V1.2.1 (2002.08)
- EN 300 328 V1.6.1 (2004-11)
- EN 61000-4-3, 5.1
- EN 61000-4-2, 5.2

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According to the regulations in Radio Equipment and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is a class 2 Bluetooth device (max 2 mW EIRP). Due to the low level of transmit output power the device is not subject to the routine RF exposure valuation as per Section 2.1093 of the FCC rules.

Levanger 2009-04-24

Roar Austvik



Managing Director, COMMidt