PHILIPS

HearLink

Charger Plus

miniRITE T R / miniBTE T R
CROS miniRITE T R

Instructions for use

Compatible with HearLink 30 and 40 miniRITE T R / miniBTE T R and HearLink CROS miniRITE T R

Introduction to this booklet

This booklet guides you on how to use and maintain your new charger.

More information is available on www.hearingsolutions.philips.com

Ensure you read this booklet carefully, including the **Warnings** section. This will help you get the most benefit from your charger.

Warnings
Text marked with a warning symbol must be read before using the device.

If you have additional questions about the use of your charger, contact your hearing care professional.

For your convenience, this booklet contains a navigation bar to help you navigate through the different sections.

Intended use

Intended use	The charger is intended to recharge the hearing aids and CROS transmitter that contain rechargeable batteries. The product is intended to be used together with the given hearing solution.
Indications for use	There are no indications for use (diagnoses) for the charger itself.
Intended user	Person with hearing loss using a hearing aid and their caregivers. Hearing care professional responsible for adjusting the accessory.
Intended user group	Adults and children older than 36 months.
Use environment	Indoor and outdoor.
Contraindications	No contraindications.
Clinical benefits	See clinical benefits of the hearing aid.

IMPORTANT NOTICE

For details on the functionality of your specific hearing aid solution, refer to your hearing aid's instructions for use.

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Package contents

The packaging box contains the following elements:

Charger

Power plug
(varies from
country to country)

Cable

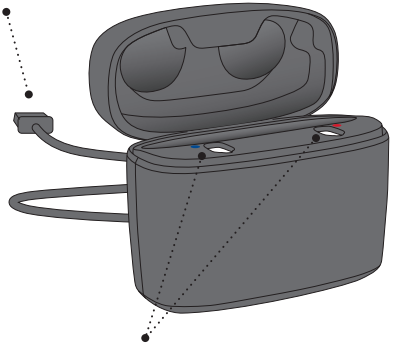
This booklet

Charger

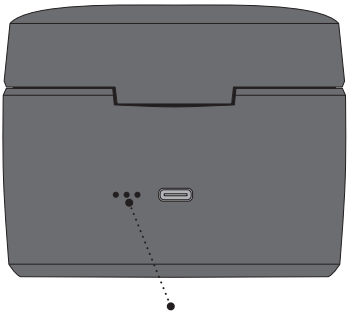
What it is and does

Power plant
For power socket

USB cable
Insert in power plug



Charging ports
For hearing aids when charging



Battery indicator
Displays charging status of the power bank/power bank battery levels

Temperature conditions

Temperature	Charging condition
Below +5°C (+41°F)	No charging due to low temperature.
+10°C to +35°C (+50°F to +95°F)	Best charging condition. The charging of hearing aids can take up to 3.5 hours.
+5°C to +10°C and +35°C to +38°C (+41°F to 50°F and +95°F to +100°F)	Extended charging. The charging of hearing aids can take up to 5 hours.
Above +38°C (+100°F)	No charging due to high temperature.

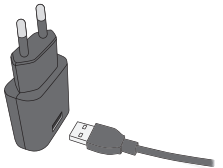
IMPORTANT NOTICE

Do not expose the charger to temperatures below -20°C (-4°F) or above +60°C (140°F).

Prepare charger

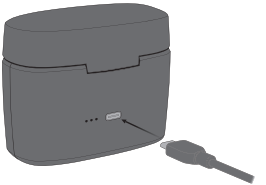
Connect to power source

Step 1



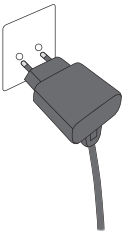
Insert the USB plug into the power plug.

Step 2



Insert the other end of the USB cable into the back of the charger.

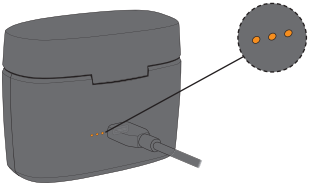
Step 3



Insert the power plug into a power socket.

The charger turns ON automatically and begins charging the built-in power bank battery.

Charger is turned ON



When the charger is connected to power, the charger's power bank charging status is shown.

First use – Charge the power bank's battery

When you use your charger for the first time, it is important that you fully charge the charger's built-in battery.

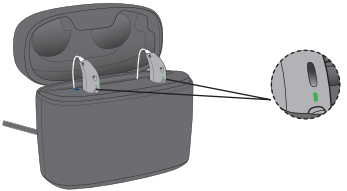
Charge the hearing aids

Place hearing aids in charger

Place the hearing aids in the charging ports as shown in the picture and close the lid. Make sure that your hearing aids match the right and left color indicators on the charger's charging ports.

The RED indicator is for the right side hearing aid. The BLUE indicator is for the left side hearing aid.

Charging status



The hearing aid LED lights turn ON when the hearing aids are correctly placed in the charger.

Hearing aid LED light charging status:

ORANGE = Charging
GREEN = Fully charged

Charging time

Ensure you fully charge your hearing aids before first use and charge them every night. That ensures that you start your day with fully charged hearing aids.

If your hearing aid's battery is completely drained, the normal charging time is:

miniRITE T R	Fully charged	50% charged	25% charged
	3 hours	1 hour	0.5 hours
miniBTE T R	Fully charged	40% charged	20% charged
	3.5 hours	1 hour	0.5 hours

When the battery in your hearing aids is fully charged, the charging process stops automatically.

Charging time may vary depending on the remaining capacity of the battery and between the left/right-hand side hearing aid.

The charger's lid serves as protection and storage for your hearing aids. During charging, when you open the lid, the LEDs in your hearing aids light up to indicate their charging status.

Note
If you have not used your hearing aid in a long time and you then try to recharge it, it may take up to 30 seconds before the hearing aid begins charging. For more information, see your hearing aid's instructions for use.

IMPORTANT NOTICE

Ensure that your charger is powered or that the charger's built-in battery is charged when the hearing aid or transmitter is seated in the charging port. Otherwise your hearing aids or transmitter will remain turned ON and continue using battery power.

Charging the charger

Your charger contains a built-in lithium-ion rechargeable battery that doubles as a power bank. This lets you fully charge a pair of hearing aids a minimum of three times on a fully-charged power bank while you are on-the-go.

When the charger is plugged into a power source

- Your hearing aids and the charger's built-in battery are being charged.

When the charger is unplugged from a power source

- The charger enters **Power bank** mode, letting you charge your hearing aids when you do not have access to a power socket.

Charging times

Power bank battery	Power bank + hearing aids
Up to 4 hours depending on charge level	Up to 8 hours depending on charge level

Note
It is recommended that you keep the lid closed at all times while you charge your hearing aids.

When the charger is connected to a power source, the LEDs on your charger indicate the charging status of the power bank.

The LEDs turn OFF shortly after the power bank battery is fully charged.

	Charging (Battery too low to recharge the hearing aids)
	Charging
	Fully charged

ORANGE blink ORANGE GREEN

IMPORTANT NOTICE

When charging, the charging indicators on your charger should be lit as described in this booklet. If the charging indicators are not lit as described, disconnect the charger and consult your hearing care professional.

Power bank function

When the charger is disconnected from power, the LEDs on your charger indicate the charger's power bank battery level. You can check the remaining battery level by opening the charger's lid.

◯◯◯	Three full charging cycles of two hearing aids
◯◯	Two full charging cycles of two hearing aids
◯	One full charging cycle of two hearing aids
◐	Battery too low for a full charging cycle

◐ ORANGE blink ◯ GREEN

Long-term storage

Before you put away or store the charger for a prolonged period of time (more than 14 days), ensure you first fully charge the charger's power bank battery. This way the battery can be charged again.

Note

To protect the rechargeable battery, it is necessary that you fully charge the charger's power bank battery every 12 months, otherwise the rechargeable battery may need to be replaced.

Power and charge using other sources

You can power and charge the charger's battery from other sources than a power socket. This can be done by using the charger's USB cable.

Ensure that the power source is USB 2.0 compliant, with a minimum of 500mA output.

Examples of power sources:

- Computer
- Car

IMPORTANT NOTICE

When using a power socket, use the supplied original power supply (5.0V/1A) for the charger.

Drying your hearing aids

Your charger uses heat from inductive charging to dry your hearing aids when you place them in the charger ports.

The drying of your hearing aids is activated when you place the hearing aids in the charger ports and charging begins.

IMPORTANT NOTICE

Ensure you remove the USB cable when you transport the charger.

Caring for your charger

Always ensure that the charger is dry and clean before use. Keep the charging ports clean from dust by using a dry cloth. Do not use water or cleaning fluids to clean the charging ports.

Store your charger in a dry location, e.g. in the bedroom.
Ensure you keep the charger in an environment with a temperature between +5°C and +38°C (+41°F and +100°F).

IMPORTANT NOTICE

To clean the charger, use a soft, dry cloth. The charger must never be washed or immersed in water or other liquids.

⚠ General warnings

For your personal safety and to ensure correct usage, you should familiarize yourself fully with the following general warnings before using your charger. Consult your hearing care professional if you experience unexpected operations or serious incidents with your charger during use or because of its use. Your hearing care professional will support you with issue handling and, if relevant, reporting to the manufacturer and/or the national authorities.

Risk of burns
Do not place anything but the hearing aids in the charger ports.

Choking hazards and risk of swallowing batteries or other small parts
Charger, hearing aids and their parts should be kept out of reach of children and anyone who might swallow these items or otherwise cause injury to themselves.

If a battery, hearing aid or small part is swallowed, see a doctor immediately and contact the National Poison Center at 1-800-222-1222 or National Battery Ingestion Hotline at 1-800-498-8666.

Heat and chemicals
The charger must never be exposed to extreme heat, e.g. left inside a parked car in the sun.

The charger must not be dried in microwave ovens or other ovens.

The chemicals in cosmetics, hairspray, perfume, aftershave lotion, suntan lotion and insect repellent can damage the charger. Always remove your charger before applying such products and allow time to dry before use.

Explosives
The charger is safe to use under normal usage conditions. The charger has not been tested for compliance with international standards concerning explosive environments.

Therefore, do not use the charger in environments with danger of explosions e.g. mines, oxygen rich environments or areas where flammable anaesthetics are handled.

Rechargeable battery
Do not attempt to open the charger, as it may damage the battery.

Never attempt to replace the battery. If battery replacement is needed, return your device to the supplier. The service guarantee is void if there are signs of tampering.

In case of battery leakage, do not wear or carry your charger, as it may cause skin irritation due to acids leaking from the battery. If your skin has been in contact with the leaked battery acids, use a wet cloth to wipe it off and ensure no acid is left on your skin. If you experience skin irritation, consult your doctor. For further handling instructions of your charger consult your hearing care professional.

The safety of recharging batteries using a USB connector is determined by the external signal source. When connected to external equipment plugged into a power socket, this equipment must comply with IEC 62368-1 or equivalent safety standards.

Connection to external equipment
The safety of the charger, when connected to external equipment with USB cable, is determined by the external signal source. When the charger is connected to external equipment which is plugged into a power socket, this equipment must comply with IEC 62368-1 or equivalent safety standards.

⚠ General warnings

Be aware of your surroundings
Avoid interacting with your charger when your attention is needed elsewhere. This may take away your attention from your surroundings, for example while in traffic. Refer to national traffic laws regarding the use of communication devices (for example mobile phones).

Possible side effects
The otherwise non-allergenic materials used in your charger may, in rare cases, cause a skin irritation or other side effects.

If these conditions occur, seek consultation with a physician.

Transport on aircraft
Consult the airline for details regarding transportation of your hearing aid charger on aircraft.

Active Implants
The charger has been thoroughly tested and characterized for human health according to international standards for human exposure (Specific Absorption Ratio — SAR), induced electromagnetic power and voltages into the human body. The exposure values are well below international accepted safety limits for SAR, induced electromagnetic power and voltages into the human body defined in the standards for human health.

It is recommended to keep the charger at least 15 centimeters away from the implant, e.g. do not carry it in a breast pocket as it contains magnets. In general, please follow the guidelines recommended by the manufacturers of implantable defibrillators and pacemakers on use with portable electronics and magnets.

If you have an active implant, contact the manufacturer of your implantable device for information about the risk of interference.

Charging
To prevent potential battery damage during storage charge your charger every 12 months.

Use of third-party accesories
Only use accessories, transducers, or cables supplied by the manufacturer. Nonoriginal accessories may result in reduced electromagnetic compatibility (EMC) of your charger.

X-ray/CT/MR/PET scanning, electrotherapy and surgery
Remove your charger before X-ray examinations and CT/MR/PET scans, electrotherapy, surgery, etc. as your charger may be damaged when exposed to strong electromagnetic fields.

Troubleshooting

Symptom	Possible causes
The hearing aids do not turn ON after being removed from the charger	The charger did not have enough time to turn the hearing aids ON before they were removed from the charger
Two charger LEDs show ORANGE blinks	The hearing aid or charger's temperature is too cold or too warm
Three charger LEDs show ORANGE blinks	System error
The charger LEDs remain turned OFF when the charger is connected to power	The charger is not charging

Solutions
Place the hearing aids in the charger ports and try again, or use the push button to turn the hearing aids ON manually
Move the charger and hearing aid to a location with a temperature between +5°C and +38°C (+41°F and +100°F)
Contact your hearing care professional
Verify that the power plug is correctly connected Ensure that the power source delivers sufficient output for your charger

Continues on next page

Troubleshooting

Symptom	Possible causes
The hearing aid LED blinks GREEN when the hearing aid is placed in the charger	The hearing aid has not been in use for an extended period of time
The hearing aid LED remains turned OFF when the hearing aid is placed in the charger	The charger is not turned ON
	The hearing aid or charger's temperature is either too warm or too cold
	Charging is incomplete. The charger has stopped charging to protect the battery.
	The hearing aid is not correctly seated in the charger
The hearing aid LED blinks ORANGE when the hearing aid is placed in the charger	System error

Solutions
Depending on how depleted the battery in the hearing aid is, the hearing aid automatically resumes normal charging mode after a timeframe of up to 10 minutes. Ensure you leave the hearing aid in the charger during this process.
Verify that the charger power plug is correctly connected or the power bank has enough battery
Move the charger and hearing aid to a location with a temperature between +5°C and +38°C (+41°F and +100°F)
Reinsert the hearing aid into the charger. This completes the charging within approximately 15 minutes.
Check the charging ports for foreign objects
Contact your hearing care professional

Conditions of use

Operating conditions	Temperature: +5°C to +38°C (+41°F to +100°F) Humidity: 5% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Transportation and storage conditions	Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage: Temperature: -20°C to +60°C (-4°F to +140°F) Humidity: 5% to 93%, non-condensing

For information about your hearing aid's conditions of use, see your hearing aid's instructions for use.

This medical device complies with the Medical Device Regulation (EU) 2017/745.

The device is classified as CISPR 11 group 2 class B equipment. This means that the device is using locally generated radio-frequency energy which is used for wireless power transfer (WPT) and, that the device is suitable for use in residential environments.

Declaration of Conformity is available at the headquarters.

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark
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CE

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark

Waste from electronic equipment must be handled according to local regulations.

Description of symbols and abbreviations used in this booklet	
	Warnings Text marked with a warning symbol must be read before using the device.
	Manufacturer The device is produced by the manufacturer whose name and address are stated next to the symbol. Indicates the medical device manufacturer, as defined in EU Regulation 2017/745.
CE	**CE mark** The device complies with all required EU regulations and directives.
	Electronic waste (WEEE) Recycle hearing aids, accessories or batteries according to local regulations. Hearing aid users can also return electronic waste to their hearing care professional for disposal. Electronic equipment covered by Directive 2012/19/EU on waste and electrical equipment (WEEE).
	Regulatory Compliance Mark (RCM) The device complies with electrical safety, EMC and radio spectrum requirements for devices supplied to the Australian or New Zealand markets.

Description of additional symbols used on labels	
	Keep dry Indicates a medical device that needs to be protected from moisture.
	Catalog number Indicates the manufacturer's catalog number so that the medical device can be identified.
	Serial number Indicates the manufacturer's serial number so that a specific medical device can be identified.
	Medical Device The device is a medical device.
	Nature of supply voltage Indicates that the nature of the device's power supply voltage shall be DC (direct current).
	Battery recycling symbol Li-ion Battery recycling symbol.
	Temperature limit Indicates the temperature limits to which the medical device can be safely exposed.
	Humidity limitation Indicates the range of humidity to which the medical device can be safely exposed.

Description of additional symbols used on labels	
FW	**FW** Firmware version used in the device.
UDI	**Unique device identifier** Indicates a carrier that contains unique device identifier information.
CTN	**CTN** Commercial Trade Number

REACH Declaration

REACH requires Philips Hearing Solutions to provide chemical content information for Substances of Very High Concern (SVHC) if they are present above 0.1% of the article weight. Recent information can be found on the website hearingsolutions.philips.com/REACH.

Compliance statements

This device complies with part 18 of the FCC Rules.

Radiofrequency radiation exposure information
For body-worn operation, this device meets FCC RF exposure limits and has been tested while in contact with the human body. Use of other accessories not verified by the manufacturer may not ensure compliance with FCC RF exposure guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

User information
This device has been tested and found to comply with the limits pursuant to part 18 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential environment.

This device generates, uses and can radiate radio frequency energy and, if not used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular use case. If this device does cause harmful interference to other electronic equipment, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment
- Increase the separation between the equipment

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

International warranty

Your device is covered by an international warranty issued by the manufacturer. This international warranty covers manufacturing and material defects in the device itself, but not in accessories such as batteries, tubing, speakers, earpieces and filters, etc. Problems arising from improper/incorrect handling or care, excessive use, accidents, repairs made by an unauthorized party, exposure to corrosive conditions, physical changes in your ear, damage due to foreign objects entering the device, or incorrect adjustments are NOT covered by the international warranty and may void it. The above international warranty does not affect any legal rights that you might have under applicable national legislation governing the sale of consumer goods in the country where you have bought your device. Your hearing care professional may also have issued a warranty that goes beyond the clauses of this international warranty. Please consult him/her for further information.

If you need service

Take your device to your hearing care professional, who may be able to sort out minor problems and adjustments immediately. Your hearing care professional may charge a fee for their services.

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Warranty

Certificate

Name of owner: _____

Hearing care professional: _____

Hearing care professional's address: _____

Hearing care professional's phone: _____

Purchase date: _____

Warranty period: _____ Month: _____

Model: _____ Serial no.: _____

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