Bluetooth headset for phone calls

Presence



Instruction manual



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Important safety information

- Read this instruction manual carefully and completely before using the product.
- Always include this instruction manual when passing the product on to third parties.
- Do not use an obviously defective product.

Preventing damage to health and accidents

- Do not listen at high volume levels for long periods of time to prevent hearing damage.
- Always maintain a distance of at least 3.94" (10 cm) between the ear cups and the cardiac pacemaker or implanted defibrillator since the product generates permanent magnetic fields.
- Keep the product, accessories and packaging parts out of reach of children and pets to prevent accidents and choking hazards.
- Do not use the product in an environment that requires your special attention (e.g. in traffic).
- Do not wear the headset during charging since the rechargeable battery can get warm.

Preventing damage to the product and malfunctions

- Always keep the product dry and do not expose it to extreme temperatures (hairdryer, heater, extended exposure to sunlight, etc.) to avoid corrosion or deformation.
- Only use attachments/accessories supplied or recommended by Sennheiser.
- Only clean the product with a soft, dry cloth.
- Only use the product in environments where wireless Bluetooth® transmission is permitted.

Intended use/Liability

The Presence headset is an accessory for mobile phones, softphones and any other **Bluetooth** compliant device with a "hands free profile" (HFP), a "headset profile" (HSP) or an "advanced audio distribution profile" (A2DP). It is intended for wireless communication via **Bluetooth** connection.

It is considered improper use when this product is used for any application not named in this instruction manual.

Sennheiser does not accept liability for damage arising from abuse or misuse of this product and its attachments/accessories.

Sennheiser is not liable for damages to USB devices that are not consistent with the USB specifications.

Sennheiser is not liable for damages resulting from the loss of connection due to flat or overaged rechargeable batteries or exceeding the **Bluetooth** transmission range.

Safety instructions for rechargeable batteries

In extreme cases, abuse or misuse of rechargeable batteries can lead to:



WARNING

- explosion,
- fire development,
- heat generation or
- smoke or gas development.

X	Dispose of products with built-in rechargeable batteries at special collection points or return them to your specialist dealer.	OFF	Switch rechargeable battery-powered products off after use.
	Only charge rechargeable batteries at ambient temperatures between 10°C/50°F and 40°C/104°F.		When not using rechargeable batteries for extended periods of time, charge them regularly (about every 3 months).
	Do not heat above 70 °C/ 158 °F, e.g. do not expose to sunlight or throw into a fire.		

The Presence Bluetooth headset

The stylish new Presence **Bluetooth** headset is the wireless solution for phone calls with mobile phones and softphones with superb sound quality in all environments. It features WindSafe and SpeakFocus technology to filter away background noise and enhance voice quality, thus providing ultimate speech intelligibility.

Bluetooth



The headset complies with the **Bluetooth** 4.0 standard and is compatible with all **Bluetooth** 1.1, 1.2, 2.0, 2.1, 3.0 and 4.0 devices with a "hands free profile" (HFP), a "headset profile" (HSP) or an "advanced audio distribution profile" (A2DP). The headset provides wireless freedom to give hands-free convenience with your mobile phone.

Additional features of the Bluetooth headset

- WindSafe technology intelligent wind noise reduction using three digital microphones working in synergy and filtering away unwanted wind noise
- SpeakFocus technology adaptive noise reduction system with 3 digital microphones which is optimized for noisy environments e.g. in a car, outdoors or in the office
- Echo-free conversations digital echo cancellation eliminates all echoes while you are talking
- Easy to use due to power on/off slide and call control you can quickly take or end calls and adjust the volume to suit you best
- HD quality sound crystal-clear, detailed and transparent sound reproduction due to large wideband speaker and extended frequency response
- Lightweight comfort headset weighs only 13 grams
- Flexible wearing style wear left or right, use with or without ear hook
- Long talk time talk to business partners and friends for up to 10 hours, with up to 14 days of standby time
- Headset battery level indicator displayed on Apple iPhone® screen
- Noise dependent volume control automatic, adaptive volume adjustment for optimized speech intelligibility and sound quality

Sennheiser PC software



The free Sennheiser PC software allows you to add value to your Sennheiser products. The Sennheiser Updater, for example, facilitates easy updating of products with new software. For more information, visit our website at www.sennheiser.com/cco/software.

Package contents



For information on suppliers, contact your local Sennheiser partner: www.sennheiser.com/cco > "SalesPartners"

Product overview

Presence headset



* You can swap the +/- assignment of the Volume buttons (see page 18) If, for example, you want to wear the headset on the left ear instead of the right (see page 14).

Charging accessories



(1) Charging cable

1 Car charger

Overview of pictograms

Meaning of the pictograms for pressing a button

Pictogram	Meaning
	Briefly press this button.
2x	Double-press this button.
E	Keep this button pressed for 5 seconds.

Meaning of the pictograms for the flashing of the LED

Pictogram	Meaning
۲	This pictogram symbolizes a flashing.
<u> </u>	This pictogram symbolizes a time interval.

Examples of some of the pictograms that are used throughout this instruction manual:

Pictogram	Meaning
****	The LED flashes.
3s	The LED flashes once every 3 seconds.
1s	The LED flashes 3 times per second.

The pictogram "i"



Notes marked with the pictogram "i" provide important information on the use of the headset.

Overview of the LED indications

Meaning during operation

LED	Meaning
* * *	Headset switches on
* * *	Headset switches off
* * * *	Headset is in pairing mode
* * *	Pairing was successful
* * *	Pairing has failed or has been cancelled
2s 2s 2s	Connectable state, not connected

Once the headset is successfully connected, the LED goes off.

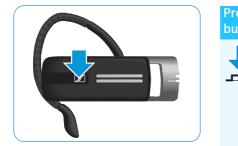
Meaning during calls

LED	Meaning
* * * *	Incoming call
* * * *	Incoming call + rechargeable battery is weak

Meaning during charging

LED	corresponds to a talk time of
1x 🔆	less than 1 hour
1x 🙀	between 1 and 2 hours
2x 🐹	between 2 and 4 hours
Зх 其	between 4 and 10 hours
*	up to 10 hours; battery is fully charged

After 5 minutes, the LED goes off. Press the multi-function button to check the battery charge level. When the battery is fully charged, the LED lights up blue constantly.



Overview	of	buttons
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Multi-function button

Press the		
button	Function	Page
	Accepts a call	19
	Ends a call	19
	Transfers a call from the mobile phone to the headset	19
	Accepts an incoming call and ends the active call (managing two calls)	21
	Ends the active call and makes the call on hold active (managing two calls)	21
	Cancels redialing	20
	Cancels voice dialing	20
	Retrieves information on the remaining talk time	17
B	Rejects a call	19
15	Rejects the incoming call and continues the active call (managing two calls)	21
	Activates voice dialing	20
	Transfers a call from the headset to the mobile phone	20
	Redials the last number	20
	Accepts an incoming call and puts the active call on hold (managing two calls)	21
	Toggles between two calls (managing two calls)	21
45	Changes to pairing mode	12



Volume buttons

Button	Duration	Function	Page	Beep(s)
Press one of the volume buttons		During an active call: Increases/reduces the speaker volume During music reproduction: Increases/reduces the audio volume In idle mode (no active call or music reproduction): Increases/reduces the volume for the ring tone, the beeps and the voice prompts	18	_
Press both volume buttons		During an active call: Mutes/unmutes the headset's microphone	21	-
Press and hold both volume buttons		No active call: Toogles between the first and the second connected Bluetooth device. Voice prompt: "Phone one/ two/dongle primary device"	-	,
Press and hold both volume buttons		In idle mode (no active call or music reproduction): Reverses the function of the Volume +/- buttons	18	.
Press and hold both volume buttons		In idle mode (no active call or music reproduction): Disables/enables the voice prompts – voice prompt: "Voice on" or "Voice off"	-	-1-1-1-

Putting the headset into operation

Charging the headset battery



WARNING Danger of injury!

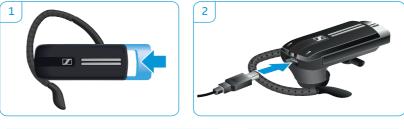
Wearing the headset when charging can cause burns and injuries. Do not wear the headset when charging.

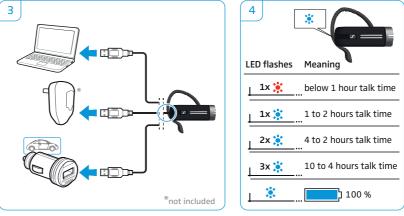


A complete charging cycle takes about 1 hour and 20 minutes. Before using the headset for the first time, charge the rechargeable battery for a complete charging cycle without interruption.

A charging time of	corresponds to a talk time of	LED flashes
approx. 10 min	less than 1 hour	1x 🚺
approx. 20 min	between 1 and 2 hours	1x 其
approx. 40 min	between 2 and 4 hours	2x 其
approx. 80 min	between 4 and 10 hours	3x 其

- 1 Take off the headset and switch it off (see page 17).
- Connect the micro USB plug of the charging cable to the USB socket of 2 the headset.
- Connect the USB plug of the charging cable to the USB socket of your 3 computer, the car charger or a power supply unit (not included).
- The battery is being charged. The LED flashes depending on the battery 4 charge level. After 5 minutes, the LED goes off. Press the multi-function button to check the battery charge level. When the battery is fully charged, the LED lights up blue constantly.







When the battery charge level drops below 15 minutes of talk time, the LED flashes red and the voice prompt "recharge headset" is announced several times. When the battery is flat, the headset switches off automatically.



Battery level indicator displayed on Apple iPhone

When the headset is paired with an iPhone, the iPhone screen shows an additional battery level indicator for the headset.

Pairing the headset with Bluetooth devices

CAUTION

Danger of malfunction!

The transmitted radio waves of mobile phones can impair the operation of sensitive and unprotected devices.

Only make calls with the headset in locations where wireless Bluetooth transmission is permitted.

The headset complies with the **Bluetooth** 4.0 standard. In order that data can be transmitted wirelessly using **Bluetooth** technology, you have to pair your headset with **Bluetooth** devices that support the "hands free profile" (HFP), the "headset profile" (HSP) or the "advanced audio distribution profile" (A2DP).

The headset can save the connection profiles of up to eight **Bluetooth** devices with which it has been paired. After switch-on, the headset automatically tries to connect to the two last connected **Bluetooth** devices. You can only connect a third **Bluetooth** device after having switched off the first or the second **Bluetooth** device.

If you pair the headset with a ninth **Bluetooth** device, the saved connection profile of the least used **Bluetooth** device will be overwritten. If you want to re-establish a connection with this **Bluetooth** device, you have to pair the headset again.



paired +

connected

paired

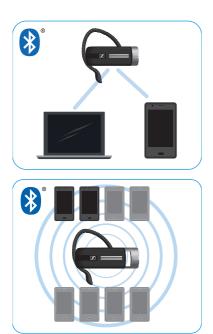
Using the headset with a PC and a Bluetooth USB dongle

To use the headset with a softphone, you either require a PC supporting **Bluetooth** or an additional **Bluetooth** USB dongle (wireless audio transmitter and receiver).

The BTD 800 USB **Bluetooth** USB dongle is supplied together with the Presence UC variants. **Bluetooth** USB dongles for the other Presence variants are available from your Sennheiser partner (e.g. BTD 500 USB).

To use the headset with a **Bluetooth** USB dongle:

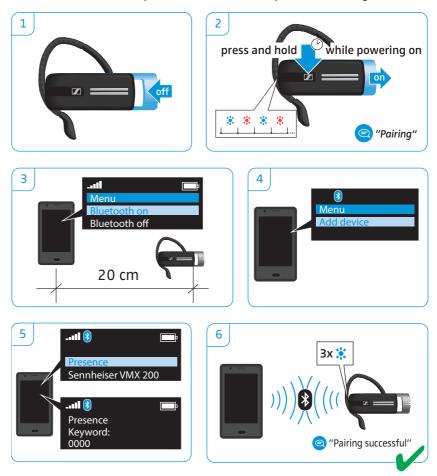
- Plug the Bluetooth USB dongle into the USB port of your PC.
- Follow the instructions in the next chapter, as well as those given in the instruction manual of your Bluetooth USB dongle.



Pairing the headset with a Bluetooth device

By way of example of a mobile phone, the following chapter describes how to pair the headset with a **Bluetooth** device. In case of deviation, proceed as described in the instruction manual of your mobile phone.

- 1 Switch the headset off (see page 17).
- 2 Keep the multi-function button pressed and gently pull the on/off power slide away from the headset. The LED alternately flashes blue and red. The headset is in pairing mode.
- 3 Enable the **Bluetooth** visibility on your mobile phone.
- 4 On the mobile phone, start a search for Bluetooth devices. All available devices in the proximity of the mobile phone are displayed.
- 5 From the found Bluetooth devices, select "Presence" to establish a Bluetooth connection to the headset. If necessary, enter the default PIN code "0000".
- 6 Once the headset is paired with the mobile phone, the LED goes off.

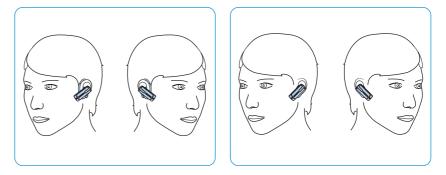


If pairing is not successful within 5 minutes, the headset automatically returns to connectable mode. Repeat the pairing procedure.

Using the headset

Individually adjusting the headset and wearing it

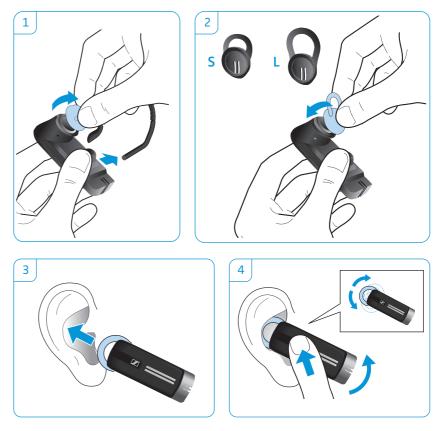
For an optimized and individual wearing comfort, the headset can be worn on your left or right ear in three different ways: with the ear hook or the ear adapter or a combination of both.



Wearing the headset with ear adapter

The ear adapter with loop is supplied in 3 different sizes: S, M, L. Select the size that fits your ear.

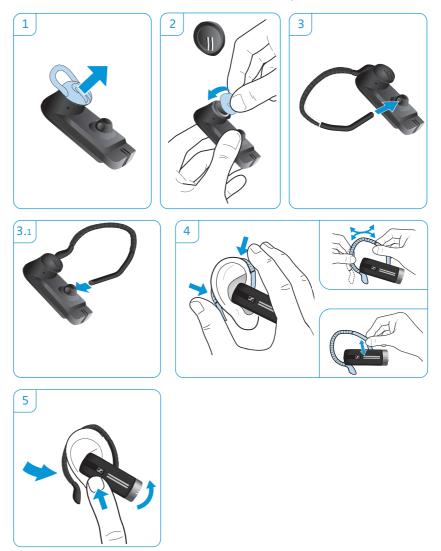
- 1 Remove the ear hook and the ear adapter without loop (premounted) or the ear adapter with loop from the headset.
- 2 Attach the selected ear adapter with loop to the headset.
- 3 Move the headset to your ear and insert the loop of the ear adapter.
- 4 Adjust the angle of the loop so that the headset fits comfortably and securely in your ear.



Wearing the headset using the ear hook

You can combine the ear hook with the ear adapter without loop. If then the headset does not fit properly, use one of the ear adapters with loop.

- 1 Remove the ear adapter with loop.
- 2 Attach the ear adapter without loop to the headset.
- ³ Attach the ear hook to the headset. If you want to change the wearing ear of the headset, attach the ear hook the other way round.
- 4 Move the headset to your ear and guide the ear hook behind your ear. If the headset does not fit optimally, slightly bend the ear hook a bit.
- 5 Position the headset so that it fits comfortably.

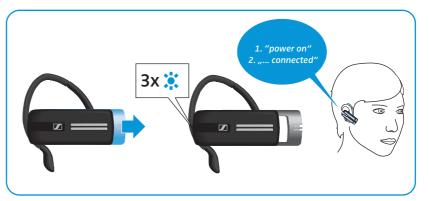


Switching the headset on and connecting it

Gently pull the on/off power slide away from the headset. The LED flashes blue 3 times. The voice prompt "power on" is announced in the headset.

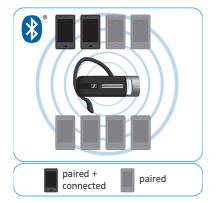
The LED flashes 3 times blue every 2 seconds until the headset finds a paired **Bluetooth** device to connect to. Once the connection is successfully established, one or two of the following voice prompts are announced in the headset:

- "Phone one connected" for the first mobile phone
- "Phone two connected" for the second mobile phone or
- "Dongle connected" for the Sennheiser **Bluetooth** dongle.



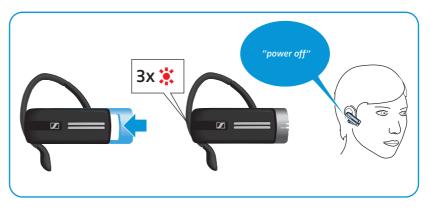
Only two out of the maximum eight paired Bluetooth devices can be simultaneously connected to the headset ("paired + connected").

After switch-on, the headset automatically tries to connect to the two last connected Bluetooth devices.



Switching the headset off

Gently push the on/off power slide towards the headset. The voice prompt "power off" is announced in the headset and the LED flashes red 3 times. The headset ends the call and switches off.



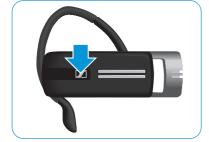
All volume settings are saved automatically when the headset is switched off.

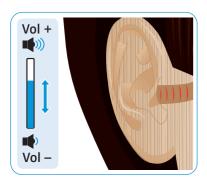
Retrieving information on the remaining talk time

You can retrieve information on the remaining talk time at any time except when you are on a call or listening to music:

Press the multi-function button.

Information announced	LED flashes	Remaining talk time
Between 8 and 10 hours talk time	3x 🙀	8 to 10 hours
Between 4 and 8 hours talk time	Зх 🙀	4 to 8 hours
Between 2 and 4 hours talk time	2x 🙀	2 to 4 hours
Between 1 and 2 hours talk time	1x 🙀	1 to 2 hours
Less than 1 hour talk time	1x 🙀	less than 1 hour
Recharge headset	1x 🔅	less than 15 minutes; automatic voice prompt





Changing the volume

WARNING

 \bigwedge

Hearing damage due to high volumes!

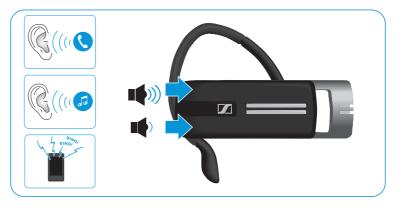
Listening at high volume levels for long periods can lead to permanent hearing defects.

- Set the volume to a low level before putting on the headset.
- > Do not continuously expose yourself to high volumes.

You can adjust three independent volume settings for the headset:

- speaker volume: can be adjusted during an active call,
- audio volume: can be adjusted during music reproduction,
- volume for the ring tone, the beeps and the voice prompts: can be adjusted in idle mode (no active call or music reproduction)
- Press the
 - Volume + button to increase the volume.
 - Volume button to reduce the volume.

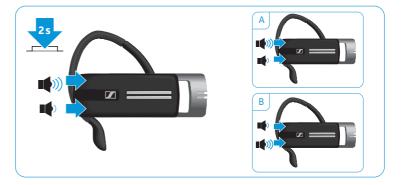
When the minimum or maximum volume is reached, the voice prompt "Volume min" or "Volume max" is announced in the headset. When the voice prompts are disabled, you hear a beep in the headset instead.



Swapping the +/- assignment of the Volume buttons

You can swap the +/- assignment of the Volume buttons If, for example, you want to wear the headset on the other ear (see page 14).

Keep both Volume buttons pressed for 2 seconds to swap the +/assignment of the buttons. The voice prompt "swap volume keys" is announced in the headset.



Making calls using the headset

Making a call

Dial the desired number on your mobile phone. You hear a beep in the headset.

If your mobile phone does not automatically transfer the call to the headset:

Press the multi-function button once to transfer the call from the mobile phone to the headset. Alternatively, press a button on your mobile phone (see the instruction manual of your mobile phone).

Accepting/rejecting/ending a call

When you receive a call, the headset announces which of the connected **Bluetooth** device is ringing:

- connected mobile phones: "Phone one" or "Phone two" or
- Bluetooth dongles connected to the PC: "Dongle"

You then hear a ring tone in the headset and the LED flashes blue. If the headset battery is low, the LED flashes red instead of blue.

When you receive a call and your headset is switched off, simply switch your headset on to accept the call.

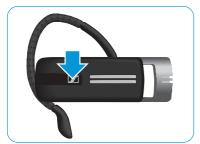
If you listen to music, the music is paused until you end the call. This function is not supported by all mobile phones.

When the voice prompts are disabled, you hear a beep in the headset.



Press the multi-function button:







Once a connection is established, you can transfer the call to/from the headset.

Press the multi-function button:

Duration	Function		Beep(s)
		Transfers a call from the headset to the mobile phone	ð
		Transfers a call from the mobile phone to the headset	ð

Redialing

The redialing function is only supported by **Bluetooth** devices with a "hands free profile" (HFP).

Press the multi-function button:

Duration	Function		Voice prompt
2x	\bigcirc	Redials the last number	"Redialing"
		Cancels redialing	"Redial cancelled"

Voice dialing

The voice dialing function is only supported by **Bluetooth** devices with a "hands free profile" (HFP). The voice commands and functions depend on the **Bluetooth** device or on the app. Besides voice dialing, you can dictate SMS messages or emails (device dependent).

Press the multi-function button:



Duration	Function		Voice prompt
		Activates voice dialing	"Voice dial"
		Cancels voice dialing	-

Say your voice command, e.g. "Call Jane". The Bluetooth device dials Jane's number.



Some voice dial systems require an internet connection.

Muting the headset's microphone

Press the Volume + and – button:



Duration	Function		Voice prompt
	X	Mutes the headset's microphone	"Mute on"
	Q	Unmutes the headset's microphone	"Mute off"

Managing multiple calls

You can use the headset simultaneously with two connected **Bluetooth** devices (see page 16).

Switch the headset on.

The headset automatically tries to establish a connection to the two last connected **Bluetooth** devices.

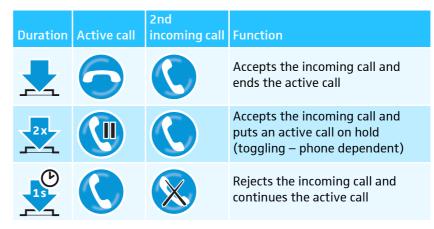
Managing two calls

You can manage two calls:

- from either two different Bluetooth devices or
- from one Bluetooth device.

If you receive a call during an active call:

Press the multi-function button:





If you put an active call on hold (toggling):

Press the multi-function button again:

Duration	Active call	2nd call put on hold	Function
			Ends the active call and makes the call on hold active (phone dependent)



Cleaning and maintaining the headset

CAUTION

Liquids can damage the electronics of the product!

Liquids entering the housing of the device can cause a short circuit and damage the electronics.

- Keep all liquids far away from the product.
- Do not use any cleansing agents or solvents.

Cleaning the headset

Only use a dry cloth to clean the product.

Storing the headset

If you do not use the headset for extended periods of time:

- Charge the built-in rechargeable battery every 3 months for about 1 hour.
- Store the headset in a clean and dry environment.

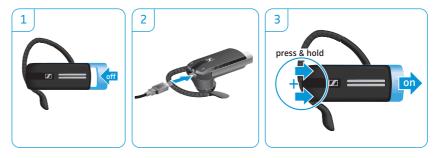
If a problem occurs ...

Problem	Possible cause	Possible solution	Page
Headset cannot be switched on	The rechargeable battery is flat.	Recharge the recharge- able battery.	11
No audio signal	The headset is not paired with the mobile phone.	Check if the headset is paired. If necessary, pair the headset again.	13
	The volume is adjusted too low.	Increase the volume.	18
	The headset is switched off.	Switch the headset on.	16
Headset cannot be paired	The pairing does not work.	Check if your Bluetooth device supports the HF or HS profile.	-
	The mobile phone is switched off.	Switch the mobile phone on.	-
No voice prompts announced (beeps only)	The voice prompts are disabled.	Enable the voice prompts.	10
Headset does not react to any button press	The operation of the headset is faulty.	Reset the headset to the factory default settings.	23
Connection establishment takes a long time	Bluetooth device 1 is not available	Toggle between your two Bluetooth devices.	16

If a problem occurs that is not listed in the above table or if the problem cannot be solved with the proposed solutions, please contact your local Sennheiser partner for assistance. To find a Sennheiser partner in your country, search at www.sennheiser.com.

Restoring factory default settings (Reset)

- 1 Switch the headset off (see page 17).
- 2 Connect the headset to a power supplying device using the charging cable (see page 11).
- ³ Keep both Volume buttons pressed and gently pull the on/off power slide away from the headset. The LED flashes 3 times purple and then alternately blue and red. The headset tries to pair with the **Bluetooth** devices (see page 12).



If you are out of the Bluetooth transmission range

Calling is only possible in the **Bluetooth** transmission range of the mobile phone/**Bluetooth** device. The transmission range largely depends on environmental conditions such as wall thickness, wall composition etc. With a free line of sight, the transmission range of most mobile phones and **Bluetooth** devices is up to 10 meters.

If the headset leaves the transmission range of the connected **Bluetooth** device during a call, one of the following voice prompts is announced in the headset:

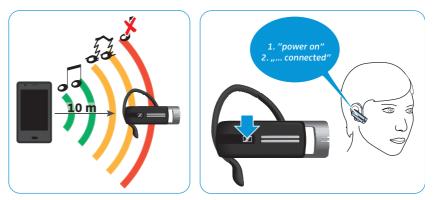
- "Phone one disconnected" for the first mobile phone
- "Phone two disconnected" for the second mobile phone or
- "Dongle disconnected" for the Bluetooth dongle.

If you re-enter the Bluetooth transmission range within these 5 minutes, the connection is re-established and the voice prompt "Phone one connected", "Phone two connected" or "Dongle connected" is announced in the headset.

If you spend more than 5 minutes outside the Bluetooth transmission range, the connection breaks down completely and you have to manually re-establish the connection.

To re-establish a connection to the mobile phone:

- Briefly press the multi-function button. Once the connection is successfully re-established, one or several of the following voice prompts are announced in the headset (for a maximum of 2 devices):
 - "Phone one connected" for the first mobile phone
 - "Phone two connected" for the second mobile phone or
 - "Dongle connected" for the **Bluetooth** dongle.



Specifications

Presence headset

Dimensions (W x H x D) Weight without ear hook Standby time Talk time Charging time Rechargeable battery (built-in) Speaker type Speaker frequency response

Sound pressure Microphone type Microphone frequency response

Car charger

Operating temperature range

Operating relative humidity Storage temperature range Storage relative humidity



Bluetooth

Bluetooth Range Transmission frequency Profiles

Presence output power BTD 800 USB output power Presence typical sensitivity BTD 800 typical sensitivity

approx. 51 x 19 x 23 mm
approx. 13 g
up to 14 days
up to 10 hours
1 h 20 min
Lithium Polymer; 5 V; 150 mA
dynamic, neodymium magnet
150 – 6,800 Hz (wide band)
300 – 3,400 Hz (narrowband)
100 – 15,000 Hz (A2DP/Music)
max. 118 dB SPL (ERP)
3 digital MEMS microphones
150 – 6,800 Hz (wide band)
300 – 3,400 Hz (narrowband)
model number: 504570
Input: 12-24 V DC/0.5 A
Output: 5 V DC/500 mA
+10°C (+50°F) to
+40°C (+104°F)
20 to 85%, non-condensing
–20°C (–4°F) to +60°C (140°F)

10 to 95%, non-condensing

version 4.0/class 1
up to 25 m (device dependent)
2402 MHz to 2480 MHz
HSP (v1.2), HFP (v1.6), A2DP (v1.2)
6.5 dBm/4.47 mW
8 dBm/6.30 mW
86 dBm
87 dBm

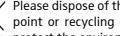
Manufacturer Declarations

Warranty

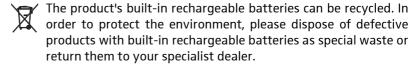
Sennheiser Communications A/S gives a warranty of 24 months on this product. For the current warranty conditions, please visit our website at www.sennheiser.com or contact your Sennheiser partner.

In compliance with the following requirements

• WEEE Directive (2002/96/EC)



- Please dispose of this product by taking it to your local collection point or recycling center for such same point or recycling center for such equipment. This will help to protect the environment in which we all live.
- Battery Directive (2006/66/EC) •



CE Conformity

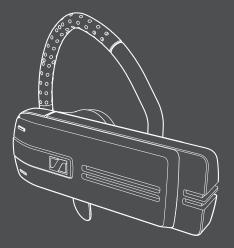
- R&TTE Directive (1999/5/EC)
- EMC Directive (2004/108/EC)
- Low Voltage Directive (2006/95/EC)
- ErP Directive (2009/125/EC)
- RoHS Directive (2011/65/EU)

The CE Declaration of Conformity is available on our website at www.sennheiser.com.

Before putting the product into operation, please observe the respective country specific regulations!

Trademarks

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Sennheiser Communications A/S Industriparken 27, 2750 Ballerup, Denmark www.sennheiser.com

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