Communication

BT HS 112

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● BLAUPUNKT

Contents

Bluetooth Headset BT HS 112

The Bluetooth Headset BT HS 112 allows a wireless connection with Bluetooth-ready cell phones for hands-free telephone calls with excellent sound quality. The headset can be connected with two cell phones at the same time. Individual design variants and a weight of only 6 grams offer optimal user convenience. To obtain the best sound quality, the headset and the cell phone should be used on the same side of the body.

Safety and general information

– Read these operating instructions carefully and completely before using the headset.
– If you are using the headset while driving, observe all local laws.
– Do not use the headset in situations that require special attention, such as road traffic.
– Keep the headset and accessories out of reach of children under 3 years of age.
– Set the volume to low before putting on the headset. Always listen at a moderate volume to protect your hearing.
– To avoid damages and malfunctions, do not drop the headset.
– Ensure that no liquid enters the headset. It can destroy the electronics of the headset and possibly cause a short circuit.
– Do not expose the headset to extreme temperatures. The ideal operating temperature is between 10 °C and 40 °C.
– Do not make any changes to the headset and do not attempt to disassemble it. It will immediately void the warranty.

Disposal notes

Use the return and collection systems available to dispose of the old device.
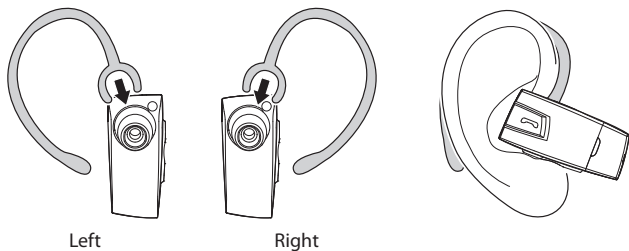
Scope of delivery

The scope of delivery includes:

– Bluetooth Headset BT HS 112
– Ear hook
– Ear plug (seizes S, M, L), size M is attached
– USB charger cable
– Operating instructions

Adjusting and wearing BT HS 112

The headset can be worn on the left or right ear. The ear plug is supplied in three different sizes. Replace the ear plug if it does not fit correctly.

– Position the headset on your ear so that its fit is secure and convenient.

To provide additional support, you can use the ear hook while wearing the headset.

– Attach the ear hook onto the headset as shown in the figure.
– Place the ear hook behind the ear and align the headset so that it fits conveniently.

Left   Right

Note: To obtain an optimal voice quality, the microphone should point to the corner of your mouth.

Battery information

The headset is equipped with an integrated lithium-polymer battery. The battery cannot be replaced. The full performance of a new battery is not achieved until after two or three complete charging-discharging cycles. The battery can be charged and discharged several hundred times, but it looses its capacity over time.

Disconnect the BT HS 112 from the power supply as soon as the battery is fully charged, since overcharging would reduce the service life of the battery. A charged battery looses its capacity if it is not used.
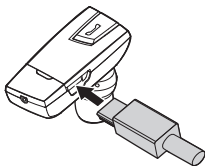
Important: Ensure that the battery is fully charged if you do not use the headset for a longer period of time. To avoid a complete discharge of the battery, the BT HS 112 should be charged at least every 2 months.

Charging the battery

The BT HS 112 is operated with a rechargeable battery. Charge the battery completely before its first use. The charging process of the battery lasts approx. 1 hour. Read the section "Battery information" before starting the charging process.

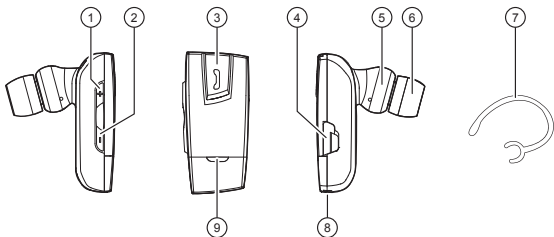**Risk of injuries!** The headset may not be used during the charging process.

– Open the protective cap of the USB socket of the BT HS 112, and fold it to the side.
– Insert the micro USB plug of the charger cable into the USB socket of the BT HS 112.
– Connect the other end of the charger cable with the USB port of a computer or a vehicle adapter (not part of the scope of delivery) or a USB power adapter (not part of the scope of delivery).

The battery is being charged and all connections are disconnected. During the charging process, the LED display lights red. After the battery is fully charged, the LED display lights blue. Disconnect the BT HS 112 from the charger after it has been charged.

A completely charged battery supports a talk time of up to 4 hours and a standby time of up to 100 hours. If the charge state of the battery becomes low, the LED display flashes red every 3 seconds and you hear 5 warning beeps every 20 seconds.

Overview

① Volume button +
② Volume button –
③ MF button (multifunction button)
④ USB charging socket
⑤ Loudspeaker
⑥ Ear plug
⑦ Ear hook
⑧ Microphone
⑨ LED display

Switching BT HS 112 on/off

Switching on
Press the MF button for approx. 3 seconds until you hear a high-pitched signal tone and the LED display lights blue. The headset is switching on.
Note: After switch-on, the BT HS 112 automatically attempts to establish a connection with the two most recently connected cell phones.

Switching off
Press the MF button for approx. 3 seconds until you hear a low-pitched signal tone and the LED display lights red. The headset is switching off.
Note: If no connection exists to a cell phone, the BT HS 112 automatically switches off after one hour.

Registering (pairing) and connecting with the cell phone

Before you can use the BT HS 112, you must register and connect it with a Bluetooth-ready cell phone. Registering is a one-time process and required only for the first connection with the cell phone. The BT HS 112 can be registered with up to eight cell phones and be connected simultaneously with two cell phones.

– Hold the BT HS 112 within range of a Bluetooth-ready cell phone; the distance should not exceed a metre.
– The BT HS 112 must be switched off.
– Press the MF button for approx. 5 seconds until you hear a low-pitched signal tone and the LED display intermittently flashes red and blue. The headset is in registration mode.
– Activate the Bluetooth function of the cell phone and start the search for Bluetooth devices. (For further details, please read the operating instructions of your cell phone.)
– From the list of devices found, select "BT HS 112".
– If required, enter the PIN code "0000" and confirm the entry. If the pairing process was successful, you hear a signal tone and the LED display flashes blue 3 times. (Note: The PIN code is preprogrammed and cannot be changed. If the cell phone supports the Secure Simple Pairing (SSP) function, you do not have to enter a PIN code for the pairing.)
– After registering, the BT HS 112 automatically connects with the cell phone. For some cell phones, you have to manually confirm the connection. Next, the BT HS 112 changes to standby mode and the LED display flashes blue every 3 seconds.

Note: If the registering is not completed within 2 minutes, the BT HS 112 switches off again. In this case, repeat the registering.

Establishing a connection with two cell phones

The BT HS 112 can be connected with two cell phones at the same time.

– **Automatic connection**
  When switching on the BT HS 112, a connection is automatically established with the two most recently connected cell phones.

– **Establishing a connection via the BT HS 112**
  To manually establish a connection between the BT HS 112 and the two most recently connected cell phones, briefly press the MF button. The BT HS 112 first connects itself with the most recently connected cell phone. Then it connects itself with the next most recently connected one.

– **Establishing a connection via the cell phone**
  If the cell phone is not one of the two most recently connected cell phones with the BT HS 112, you have to establish the connection via the Bluetooth menu of the cell phone. After successful connection, you can establish another connection with a second cell phone. This allows you to determine the sequence of connections.

If two cell phones are connected with the BT HS 112, the cell phone connected first is the first device and the other one the second device. Another connection can be established only after first disconnecting one of the two cell phones. The cell phone which is still connected afterwards becomes the first device in the sequence.

Note that voice dialling is available only for the first device and the operation for redialling the last number differs for the first and the second device. The other functions are executed the same way using the BT HS 112 as a connection with only one cell phone.

Operating the BT HS 112

Making a call

– **Voice dialling***

To activate voice dialling, briefly press the MF button. You hear several signal tones. After the signal tone, speak the voice command. After the voice command has been recognized, the cell phone dials the number associated with it.

Note: If two cell phones are connected with the BT HS 112, the voice commands are directed only to the cell phone connected first.

– **Redialling the last number***

Press the MF button twice. You hear a signal tone and the number dialled last is being redialled.

Note: If two cell phones are connected with the BT HS 112, hold the "–" volume button pressed for 2 seconds to dial the last number of the cell phone connected last.

– **Call origination via cell phone**

Select the desired number as usual via the cell phone. The call is automatically transferred to the BT HS 112.

Answering a call

To answer an incoming call, briefly press the MF button.

Ending a call

Briefly press the MF button to end a call.

Rejecting a call*

To reject a call, hold the MF button pressed until you hear a signal tone.

Adjusting the volume

Adjust the call volume with the buttons "+" and "–". You hear a signal tone once the minimum or maximum volume has been reached.

Warning: Always listen at a moderate volume to protect your hearing.

Muting the microphone

To mute the microphone during a call, press the "–" volume button for 3 seconds. The LED display flashes red every 10 seconds and you hear two signal tones. Press the "–" volume button again for 3 seconds to cancel mute.

Transferring a call

To transfer a call from the headset to the cell phone, press the volume buttons "+" and "–" at the same time. Repeat the step to transfer the call back to the headset.

Note: With some cell phones, the connection is disconnected if you transfer the call to the cell phone. To transfer the call back to the headset, you have to press the MF button instead of the volume buttons "+" and "–".

Managing calls*

You can answer and manage two calls on one of the connected cell phones via the BT HS 112.

Note: You do not have the option of managing several calls from two connected cell phones at the same time. When you receive a call on one cell phone while a call is active on the other cell phone, the active call is being ended when you answer the incoming call by briefly pressing the MF button.

You receive a call during an active call	
Hold the active call and answer the incoming call.	Press the MF button for 2 seconds.
End the active call and answer the incoming call.	Briefly press the MF button.
Continue the active call and reject the incoming call.	Press the MF button twice.
You are conducting two calls, an active one and one on hold	
Change between the active call and the one on hold.	Press the MF button for 2 seconds.
End the active call and answer the call on hold.	Briefly press the MF button.
Continue the active call and end the call on hold.	Press the MF button twice.
Continue the active call and answer the call on hold.	Briefly press the "+" button.

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* The cell phone must support this function. You find the pertinent information in the operating instructions of the cell phone.

Resetting the BT HS 112

The BT HS 112 can be registered with up to eight cell phones. You can delete the list of registered phones and reset the headset to the factory settings.

– The BT HS 112 must be switched on and no connection may exist to a cell phone.
– Press and hold down the "+" and "–" volume buttons simultaneously for approx. 10 seconds until the LED display intermittently flashes lights red and blue.
– After the factory settings have been restored, the LED display stops flashing intermittently.
– After the next switch-on, the BT HS 112 is in registration mode.

LED displays and signal tones

Device status	LED displays	Signal tones
Switching on	Lights blue for 3 seconds	1 high-pitched sound
Switching off	Lights red for 3 seconds	1 low-pitched sound
Registration mode	Flashes red and blue alternately	
Standby mode without connection	Flashes blue once every 3 seconds	
Standby mode with connection	Lights blue every 3 seconds	
Incoming call	Flashes blue	
Active call	Flashes blue once every 2 seconds	
Mute	Flashes red once every 10 seconds	2 tones every 10 seconds
Low battery	Flashes red once every 3 seconds	5 tones every 20 seconds
Battery is charging	Lights red. Lights blue after the battery is fully charged.	

Fault removal

If a connection between the BT HS 112 and a cell phone cannot be established, observe the following:

– Ensure that the battery is charged.
– Ensure that the Bluetooth function of the cell phone is activated. You find more detailed information in the operating instructions of the cell phone.
– Check whether the BT HS 112 is connected with the cell phone.
– Ensure that the distance between the BT HS 112 and a connected cell phone is less than 10 metres and that no obstacles are between the two devices. Obstacles can interfere with the transmission or reduce the range.
– If none of these measures is successful, please contact the service department of your distributor.
– The BT HS 112 meets the Bluetooth specification 3.0 + EDR. The flawless function between the BT HS 112 and Bluetooth-ready cell phones from different manufacturers and of different types cannot be guaranteed since it depends on the compatibility.

Declaration of conformity

The Blaupunkt AudioVision GmbH & Co. KG declares that this product complies with the basic requirements and the other relevant regulations of the directive 1999/5/EC. The declaration of conformity can be found on the Internet under www.blaupunkt.com.

Warranty

We provide a manufacturer's warranty for products bought within the European Union. For devices purchased outside the European Union, the warranty terms issued by our respective responsible domestic agency are valid. The warranty terms can be called up from www.blaupunkt.com.

Technical data

Bluetooth specification	Version 3.0 + EDR (Enhanced Data Rate) + SSP (Secure Simple Pairing)*
Supported Bluetooth profiles	Headset and hands-free profiles
Frequency range	2.4 to 2.48 GHz ISM band
Bluetooth range	Up to 10 metres (Class 2)
Dimensions (LxWxH)	36 x 16 x 27 mm
Weight	Approx. 6 g
Battery charging time	Approx. 1 hour
Talk time	Up to 4 hours
Standby time	Up to 100 hours
Battery type	Lithium-polymer, 3.7 V, 50 mAh, rechargeable, non-replaceable
Power supply	5 V DC, 200 mA

* Allows registering headset and cell phone without PIN entry if the telephone supports Bluetooth version 2.1 or a more current version.

Subject to change!

FCC-Statements

All following FCC statements are valid for the Industry Canada Standard (IC) as well.

General

Interference Warning: (according to FCC part 15.19)

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

Caution: (pertaining to FCC part 15.21)

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

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