

SONY®

User guide

Smart Bluetooth® Handset
SBH52

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Smart Bluetooth® Handset User guide



Introduction

Function overview

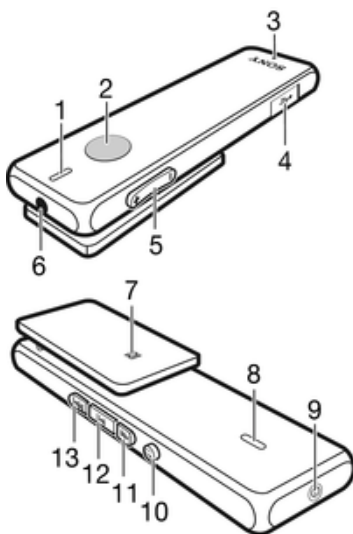
Your Stereo Bluetooth® Handset SBH52 is designed to make life more convenient when you're on the go. You can use it together with an Android™ powered device such as a phone or tablet, or with a non-Android device that supports Bluetooth®, for example, a phone, a computer or a music player. When paired with a compatible device, you can use your Bluetooth® handset to perform some or all of the following actions:

- Handle incoming calls, for example, answer or reject an incoming call.
- Stream music from a music-playing device.
- Make a call directly from the Bluetooth® handset call log*.
- Display event notifications such as text messages, emails, calendar event reminders, and updates from social networking services*.
- Get event notifications read out loud*.
- Perform other basic tasks, for example, indicate the time.

You can also use the Bluetooth® handset as a standalone FM radio when it's connected to a set of wired headphones (which function as an antenna).

* For these functions to work, you must use an Android™ device that supports the relevant functions, for example, call handling and messaging. Also, you must have the Smart Connect and Stereo Bluetooth® Handset SBH52 applications installed on the Android™ device.

Hardware overview

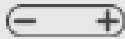







1 Front speaker







2 Action key ●




Press to answer incoming calls.

Press and hold down to reject incoming calls.

3	Microphone	
4	Micro USB port	Insert the cable for charging the battery.
5	Volume key	Press up or down to adjust the volume. 
6	Handset jack	3.5 mm input for wired headphones.
7	NFC detection area	Touch other devices to this area during NFC transactions.
8	Back speaker	
9	Power key 	Press and hold down to turn the handset on or off. When the handset is turned off, press for 15 seconds to reset it.
10	Back key/Menu key 	Press to: <ul style="list-style-type: none"> • Open or close the menu. • Go back one step. • Switch between loudspeaker and ear speaker mode during a call.
11	Next key 	Press to go: <ul style="list-style-type: none"> • To the next menu item. • To the next track. • Up the FM frequency band in increments of 0.1 MHz. Press and hold down to: <ul style="list-style-type: none"> • Move up the frequency band to search for a radio channel.
12	Play key/Select key 	Press to: <ul style="list-style-type: none"> • Play or pause the current media file. • Select menu items. • View new event notifications. Press and hold down to: <ul style="list-style-type: none"> • Mute the microphone during a call.
13	Previous key 	Press to go: <ul style="list-style-type: none"> • To the previous menu item. • To the previous track. • Down the FM frequency band in increments of 0.1 MHz. Press and hold down to: <ul style="list-style-type: none"> • Move down the frequency band to search for a channel.

Status icon overview

	Battery charge level
	Battery is charging
	Incoming call
	Outgoing call
	Ongoing call
	Volume level indicator

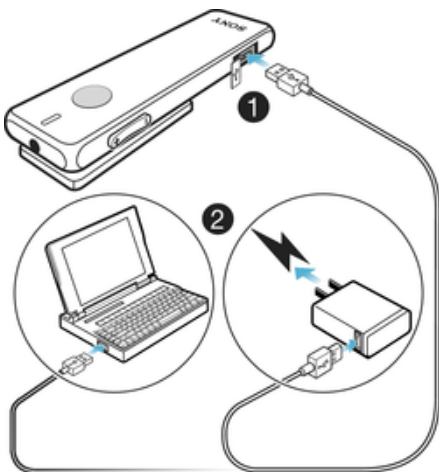
	The microphone is muted
	Ear speaker mode is activated
	Loudspeaker mode is activated

Basics

Charging the handset

Before using the Smart Bluetooth® Handset SBH52 for the first time, you need to charge it for approximately 2.5 hours. Sony chargers are recommended.

To charge the handset



- 1 Plug one end of the USB cable into the charger or into the USB port of a computer.
- 2 Plug the other end of the cable into the Micro USB port of your handset.

Turning the handset on and off

To turn on the handset

- Press and hold down the power key  until the display turns on.

To turn off the handset

- Press and hold down the power key  until the display turns off.

Turning on the display

The display on your Smart Bluetooth® Handset SBH52 turns off after a short period of time if you don't use it. This saves power and protects your personal information.

To activate the display

- Press any key on the handset.

Adjusting the volume

To change the call or music volume

- During a call, or when listening to music, press the Volume key up or down.

Menu options

The following menu options are available on your Bluetooth® handset:

✕	Edit settings
📅	View new events
🎵	Play music from a compatible device
📞	View the call log
📻	Play the FM radio

- ! The new events icon and the call log icon only appear when your handset is paired and connected to an Android™ device on which the Smart Bluetooth® Handset SBH52 application is installed.

To open the menu

- Press any key to turn on the Bluetooth® handset display, then press ⏪.

To navigate the menu

- 1 After you open the handset menu, press ▶▶ or ◀◀ to navigate the different menu options.
- 2 Press ▶▶ to open the selected menu option, or press ⏪ to go back one step.

Resetting the handset

Reset the handset if it behaves unexpectedly. All information about paired devices gets deleted when you reset the handset.

To reset the handset

- 1 Make sure that the handset is turned off.
- 2 Press and hold down the power key ① until 📞 appears on the display.
- 3 Press ▶▶ or ◀◀ to select ✓, then press ▶▶.

- ! You can also access the factory reset option by selecting ✕.

Wearing instruction



To get the best performance from the **SBH52** when using it outdoors, it is recommended that you carry your phone on the same side of your body as the Bluetooth® unit.

Getting started

Preparing to use your handset with an Android™ device

Before you can start using your Bluetooth® handset with an Android™ device, you need to do the following:

- Install the Smart Connect application on the Android™ device.
 - Pair the handset with the Android™ device manually (using Bluetooth®) or automatically (using NFC).
 - Install the Smart Bluetooth® Handset SBH52 application on the Android™ device.
 - Install extra applications from Google Play™ on the Android™ device to optimise the functionality of your Bluetooth® handset.
- 💡 The Smart Connect application is pre-installed on all Android devices from Sony Mobile at purchase.

To install the Smart Connect application on an Android™ device

- 1 From the main application menu of your Android™ device, find and tap **Play Store** to open the **Google Play™** application.
 - 2 Tap the search icon at the top right corner and enter "Smart Connect" in the search field, then tap the search icon again.
 - 3 Tap **Smart Connect**.
 - 4 Tap **Download**, then tap **Accept & Download**.
 - 5 Follow the instructions that appear on the screen of your Android™ device to install the application.
- ! You can only install the Smart Connect application on an Android™ device, for example, a phone or a tablet.

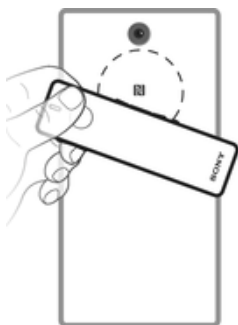
To manually pair your handset with an Android™ device

- 1 **Android™ device:** Make sure the Bluetooth® function is turned on.
 - 2 Turn off your handset.
 - 3 **Handset:** Press and hold down the power key ① until the Bluetooth® icon ⚡ appears.
 - 4 **Android™ device:** Scan for Bluetooth® devices, then select Smart Bluetooth® Handset SBH52 in the list of available devices.
 - 5 **Android™ device:** Follow the pairing instructions that appear on the screen.
- 💡 The handset automatically enters pairing mode when it's powered on for the first time.

To manually pair your handset with a second Android™ device

- 1 Make sure the first Android™ device is paired properly with the handset.
- 2 **Handset:** Press and hold down the power key ① until the Bluetooth® icon ⚡ appears.
- 3 **Android™ device:** Turn on the Bluetooth® function and scan for Bluetooth® devices, then select Smart Bluetooth® Handset SBH52 in the list of available devices.
- 4 **Android™ device:** Follow the pairing instructions that appear on the screen.

To automatically pair your handset with an Android™ device



- 1 **Android™ device:** Make sure that the NFC function is turned on and that the screen is active and unlocked.
 - 2 Place the Android™ device over your Bluetooth® handset so that the NFC detection area of each device touches the other. Your handset doesn't need to be turned on.
 - 3 **Android™ device:** Follow the pairing instructions that appear.
- ! The device used in this illustration is for illustration purposes only and may not accurately depict the actual device used.

To automatically pair your handset with a second Android™ device

- 1 Make sure the first Android™ device is paired properly with the handset.
- 2 **Android™ device:** Make sure that the NFC function is turned on and that the screen is active and unlocked.
- 3 Place the Android™ device over your Bluetooth® handset so that the NFC detection area of each device touches the other. Your handset doesn't need to be turned on.
- 4 **Android™ device:** Follow the pairing instructions that appear.

To install the Smart Bluetooth® Handset SBH52 application

- 1 Make sure you have the Smart Connect application installed on your Android™ device.
- 2 Pair the handset with your Android™ device.
- 3 **Android™ device:** Follow the instructions that appear on the screen to install the Smart Bluetooth® Handset SBH52 application.

To download and install new applications for your handset

- 1 **Android™ device:** From the main application menu, find and tap **Smart Connect > SBH52 > New events**.
- 2 Tap **Search for applications**, or tap an application name under **MY APPLICATIONS**.
- 3 Follow the instructions that appear on the screen to download and install the application that you selected.

Preparing to use your handset with a non-Android™ device

Before you can start using your handset with a non-Android™ device that supports Bluetooth®, you need to do one of the following:

- Pair the handset with the other device manually (using Bluetooth technology).
- Pair the handset with the other device automatically (using NFC technology).

To manually pair your handset with a non-Android device

- Follow the same procedure used to manually pair the handset with a regular Android device.

To automatically pair your handset with a non-Android device

- Follow the same procedure used to automatically pair your handset with a regular Android device.

Using your handset

Using your handset to handle phone calls

Use your Bluetooth® handset to handle incoming calls, for example, to answer or reject a call. The phone number of the caller is shown on the handset display. If you are using the handset with an Android™ device, the name of the caller is also displayed when the caller is saved as a contact on the Android™ device. When the wired headphones are not connected to the handset, you can use the loudspeaker to answer calls. You can also use the handset call log to make calls.



Improving sound quality

The Stereo Bluetooth® Handset SBH52 supports HD Voice, which improves sound quality in voice calls. The function is available in the Smart Bluetooth® Handset SBH52 application on your Android device. For the function to work, the operator network must also support HD voice.





To activate the HD Voice function

- In the Smart Bluetooth® Handset SBH52 application, tap **Call Handling** and mark the **HD Voice** checkbox.

To answer a call with the handset

- When you hear an incoming call signal, press .
- 💡 If you unplug the headphones during a call, you can press  to switch the sound to the loudspeaker. If you plug in the headphones back in, the sound automatically switches back to the headphones.

To make a call from the call log on the handset

- 1 Press any key to turn on the handset display, then press and hold down  to open the call log.
 - 2 Press  or  to select the contact or number that you want to call, then press  to make the call.
- ! To access the call log directly from your handset, you must have the Smart Bluetooth® Handset SBH52 application installed on the connected Android™ device.
 - 💡 If you want to get better sound quality during calls, try using the HD Voice function, which is activated from the Smart Bluetooth® Handset SBH52 application.




To end a call

- During an ongoing call, press .


To reject a call

- When you hear an incoming call signal, press and hold down .


To answer a second call

- When you hear an incoming call signal during an ongoing call, press . The ongoing call is put on hold.
- 💡 You can also press  or  to switch to another call and put the current call on hold.

To reject a second call

- When you hear an incoming call signal during an ongoing call, press and hold down .






To mute the microphone during a call

- Press and hold down .

Using your handset to play music

When your handset is paired with another Bluetooth® compatible device, you can play music from that device via your handset using either a set of headphones or the loudspeaker. Or you can use the handset as a standalone radio when headphones are connected. Before you start listening to music, you must select a music source.



To play music from another device

- 1 Make sure the music player application is open on the other device.
- 2 Turn on your handset.
- 3 Press  to open the menu.
- 4 Press  or  so that  becomes selected.
- 5 To play the current track, press .






To move between tracks

- Press  or .



To fast forward or rewind a music track

- Press and hold down  or  to fast forward or rewind until you reach the desired position.



To listen to the FM radio

- 1 Make sure that headphones are connected to your handset.
- 2 Turn on the handset.
- 3 Press  to open the menu.
- 4 Press  or  so that  becomes selected.
- 5 Press .

To search for a radio channel

- While you are listening to the FM radio, press and hold down  or .

To change the radio frequency manually

- While you are listening to the FM radio, press  or  to move up or down by increments of 100kHz.

Using your handset with two devices simultaneously













Your Bluetooth® handset has two different connection modes: Multipoint mode and Singlepoint mode. Multipoint mode helps you manage two connections at the same time, for example, it lets you handle calls from one device and play music from another. You must switch to Multipoint mode manually after you pair your handset with a second device successfully. If you stop using one of the two devices, you should switch manually to Singlepoint mode.

Your handset remembers both paired devices. You can reconnect previously paired devices easily by switching back to Multipoint mode from Singlepoint mode. A previously paired device can then be detected automatically.













If your handset is paired with two Android™ devices, you must select one of them as the primary device for viewing event notifications and handling calls on the handset.

- ! You can only connect to a maximum of two devices in Multipoint mode. If you pair the handset with a third device, the first paired device gets removed from the memory of the handset.

To switch between Multipoint and Singlepoint modes

- 1 Make sure that your handset is connected to two Bluetooth® compatible devices.
- 2 Press  to open the menu.
- 3 Press  or  to select , then press .
- 4 Press  or  to select , then press .
- 5 Press  or  to select an option, then press .

To select a device as the primary device


- 1 Press  to open the menu.
- 2 Press  or  to select , then press .
- 3 Press  or  to select , then press .
- 4 Press  or  to highlight the icon representing the device that you want to set as the primary device, then press .

Using your handset to view event notifications

You can receive the following kinds of notifications from a paired Android™ device on the display of your handset:

- Text messages.
 - Email.
 - Calendar event reminders.
 - Updates from social networking services, such as Facebook™ and Twitter™.
- ! You must first install the relevant text message, email, calendar and social networking applications for the handset on your Android™ device in order for the functionality described above to work. For more detailed information, see *To download and install new applications for your handset*.

To view event notifications on the handset

- When a notification arrives, press .

Using the Text to speech function

When notifications arrive on your Android™ device, you can choose to have the related event information read out loud to you on the handset. For example, you can listen to email, text messages, or calendar reminders. If the event information contains text, this text is displayed on the handset at the same time as it's read aloud. To use the Text to speech function, you must first turn it on using the Smart Connect application.

- ! The device that you have paired with your handset must support Text to speech functionality. The Text to speech function does not support all languages.

To turn on the Text to speech function

- 1 From the main application menu of your Android™ device, find and tap **Smart Connect > SBH52 > Settings > Text to speech**.
- 2 Mark the **Text to speech** checkbox.

To select a language for the Text to speech function

- 1 From the main application menu of your Android™ device, find and tap **Smart Connect > SBH52 > Settings > Text to speech**.
- 2 Tap **Language**, then select an option.

Legal information

SonySBH52



Prior to use, please read the *Important information* leaflet separately provided.

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Publication number: 1277-5545.2

Interoperability and compatibility among Bluetooth® devices varies. Device generally supports products utilizing Bluetooth spec. 1.2 or higher, and Headset or Handsfree profile.

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Visit www.sonymobile.com for more information.

All illustrations are for illustration only and may not accurately depict the actual accessory.

Declaration of Conformity for SBH52

We, **Sony Mobile Communications AB** of

Nya Vattentorget

SE-221 88 Lund, Sweden

declare under our sole responsibility that our product

Sony type RD-0060

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards **EN 300 328:V1.7.1, EN 301 489-7:V1.3.1, EN 301 489-17:V2.1.1, EN 301 489-3:V1.4.1 and EN 60 950-1:2006+A11:2009+A1:2010+A12:2011** following the provisions of, Radio Equipment and Telecommunication Terminal Equipment directive **1999/5/EC**.

Lund, June 2013

CE 0682



Anders Grynge

Director, Head of Global Type Approval

We fulfil the requirements of the R&TTE Directive (1999/5/EC).

FCC Statement

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.

Any change or modification not expressly approved by Sony may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and 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 installation.

If this equipment does cause harmful interference to radio or television reception, 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 receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Statement

This device complies with RSS-210 of Industry Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Avis d'industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et, and (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux. Le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e. Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas. De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.