

SONY[®]

White paper

May 2017



Bluetooth[®] Headset with speaker
SBH56

About this document

This document contains technical specifications for the Sony SBH56 Stereo Bluetooth® Headset.

Document history

Version

February 2017	First released version	Version 1
May 2017	Second released version	Version 2

Sony Mobile Developer World

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Product details

Introduction

A handy clip-style Bluetooth lapel microphone and speaker for hands-free calls, and remote camera shutter control for perfect selfies.

Wireless convenience

Making calls has never been more convenient. Speak and listen at your leisure using the lapel mic and loudspeaker or a headset. Take a walk or multi-task while your SBH56 sets your hands free.

The perfect selfie

Take blur-free selfies and include everyone in your group photos. With remote camera shutter control, you don't need to stay behind the camera or worry about your hands shaking. And since you can take multiple photos in succession, you can always find the perfect selfie.

Technical specifications

Size (module)	59.2mm(H) x 24.1mm(W) x 15.2mm(D)
Weight	
Core unit	Approx. 17.4 grams
Core unit with the wired headphones attached	24.5 grams
Available colours	Black, Silver
Material	PC/ABS, UV Paint
Keys	Power key (on/off) Volume up/down Multi-function key (Music and Call control) Camera key
Vibrator	No
Ear speaker	No
Microphone	Yes
Loud speaker	Yes
Bluetooth	
Bluetooth specification	Bluetooth 4.2
Profiles	HSP, HFP, A2DP, AVRCP and HID

NFC	NFC one touch
USB	Yes, USB Type-C™ (charging and firmware updates only)
Sound	HD Voice SBC, AAC Speaker talk
Applications	Host application for Android and iOS
Features	Speaker talk and camera remote available.
Key accessories	Headphone, type C cable, ear piece (3 type)
Battery	
Type	Lithium-ion
Capacity	110mAh
Charge time	Approximately 2 hours
Usage time	
Streaming time	Approx. 6 hours
Talk time	Approx. 7 hours.
Talk time with speaker	Approx. 3 hours.
Standby time	Approx. 250 hours
Environmental data	
Operating temperature range	0°C ~ 40°C
Operating humidity range	35% ~ 85% RH
Charging temperature range	5°C to 35°C
Water and dust classification	N/A

Mobile device hardware requirements

Host application compatibility	Android version 4.4 or later iOS 9 and newer only (not compatible with iPads)
Bluetooth	Version 4.0

Technologies in detail

The information presented in this section is a general overview of the technology incorporated into the product. However, hardware and software levels of compliance to standards and specifications vary between products and markets. For more information, contact Sony Mobile Developer World or your Sony representative.

Device-to-device communications (local)

Bluetooth® wireless technology

Bluetooth® profiles supported	Headset Profile v1.2 Hands-Free Profile v1.7 Advanced Audio Distribution Profile v1.3 Audio/Video Remote Control Profile v1.6 Human Interface Device Profile v1.0
Core version and supported core features	Version 4.2 + EDR
Supported devices	Products which support at least one of the Bluetooth® profiles listed above.

More information:

www.sonymobile.com/developer

www.bluetooth.com

Trademarks and acknowledgements

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