

SONY®

White paper

July 2014



Mono Bluetooth® Headset
MBH20

About this document

This document contains technical specifications for the Sony MBH20 Mono Bluetooth® Headset.

Document history

Version		
July 2014	First released version	Version A

Sony Mobile Developer World

For the latest technical news, tutorials and development tools, go to www.sonymobile.com/developer.

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Product overview

Mono Bluetooth® Headset MBH20

The Mono Bluetooth® Headset MBH20 is a multi compatible wireless headset with impressive talk time. You can use it to listen to turn-by-turn navigation directions from your Xperia™ device. You can also use it to listen to media such as web radio, a music player application, or audio from video clips.

Facts – dimensions, weight, performance

Size (module)	45.5 × 17 × 8.5 mm
Weight	8 grams
Available colours	Black, White
Keys	Multi-function key (Power on/off, Call key)
Vibrator	No
LED	R&G LED
Bluetooth	
Bluetooth specification	3.0
Profiles	HSP, HFP, A2DP
NFC	No
USB	Yes, standard micro USB for charging only
Battery	
Type	Lithium-ion
Capacity	90 mAh
Charge time	2.5 hours
Usage time	
Talk time	Up to 7 hours (when connected with the Sony Xperia™ Z1)
Standby time	Up to 200 hours
Environmental data	
Operating temperature range	-20°C to +60°C
Operating humidity range	5% to 99% RH
Storage temperature range	-20°C to +85°C

Storage humidity range	25% to 70% RH
Charging temperature range	0°C to 45°C
Water and dust classification	IP42

Requirements on tablets and smartphones

Operating system compatibility	Android v4.1 or later
Bluetooth	v3.0

Technologies in detail

NOTE: The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Mobile Developer World or your Sony contact person where applicable.

Device-to-device communications (local)

Bluetooth® wireless technology

Bluetooth® profiles supported	Handsfree Profile v1.6 Advanced Audio Distribution Profile v1.3 Headset Profile v1.2
Core version and supported core features	Version 3.0
Connectable 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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