



beyerdynamic USB Wireless Dongle for SPACE Bluetooth Speakerphone Instruction Manual

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beyerdynamic USB Wireless Dongle for SPACE Bluetooth Speakerphone



Product Information

The USB WL Adapter is a device manufactured by beyerdynamic GmbH & Co. KG. It is designed to provide wireless connectivity for audio transmission. This adapter is compatible with various operating systems and supports the SBC audio codec.

Supplied Accessories

- Sync button
- Status LED display

Safety Instructions

Please read and follow these safety instructions before using the USB WL Adapter:

- Read the user manual carefully and completely.
- Observe all instructions, especially those related to safe product use.
- Do not use the product if it is defective.
- Keep small parts, packaging, and accessories away from children and pets to avoid choking hazards.
- Avoid exposing the product to rain, snow, liquids, or moisture.

About This Manual

This manual provides information on the important functions of the beyerdynamic USB WL Adapter. It refers to the default settings of the specified software version. For updated information, refer to the Firmware update section on

Supported Audio Codecs

The USB WL Adapter supports the SBC audio codec. Please note that only the codecs available in the playback device can be used for audio transmission.

Product Usage Instructions:

To start using the USB WL Adapter:

1. Remove the adapter from its packaging to prevent damage.

Firmware Update

To update the firmware of the USB WL Adapter:

1. Connect the adapter to a PC or laptop via USB-HID.
2. Visit the beyerdynamic Update Hub at <https://byr.li/firmwareupdate> for firmware updates.

Operation

To insert or remove the USB WL Adapter:

1. Plugging in: Plug the adapter into the USB port of the desired PC or laptop. The adapter will be displayed as "USB WL Adapter" on the computer.
2. Removal: Pull the adapter out of the USB connection on the PC or laptop.

Note: Before pairing the beyerdynamic USB WL Adapter with a device, refer to the specific instructions provided by the device manufacturer.

This manual describes the most important functions of the beyerdynamic USB WL Adapter.

SAFETY INSTRUCTIONS

- Please read these instructions carefully and completely before using the product.
- Please observe all instructions given, especially those concerning the safe use of the product.
- Do not use the product if it is defective.
- The company beyerdynamic GmbH & Co. KG accepts no liability for damage to the product or injury to persons caused by careless, improper or incorrect use of the product, or by use for purposes not specified by the manufacturer.

Intended use

- Only use the product as described in this product manual. beyerdynamic accepts no liability for damage to the product or injury to persons caused by careless, improper or incorrect use of the product, or by use for purposes not specified by the manufacturer.

- beyerdynamic is not liable for damage to USB devices that do not comply with the USB specifications.
- beyerdynamic is not liable for damage resulting from connection interruptions due to batteries being empty or too old, or due to exceeding the Bluetooth® transmission range.
- Please also observe the relevant country-specific regulations before using the product.

Risk of swallowing

Keep small parts, such as product, packaging and accessories, away from children and pets. They constitute a choking hazard if swallowed.

Environmental conditions

Do not expose the product to rain, snow, liquids or moisture.

ABOUT THIS MANUAL

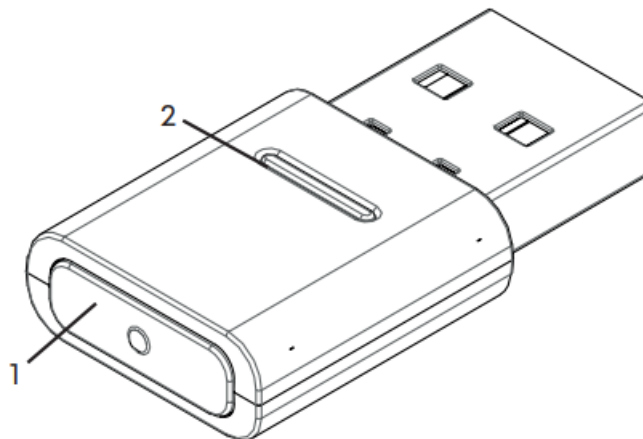
- This manual describes the most important functions of the beyerdynamic USB WL Adapter.
- The information in this manual refers to the default settings of the specified software version. A newer version may be available.

You can find information about software updates under “Firmware update” on page 7.

SUPPLIED ACCESSORIES

- USB WL Adapter
- Quick Start Guide

PRODUCT OVERVIEW



1. Sync button
2. Status LED display

PRODUCT DESCRIPTION

- The Bluetooth® modules built into PCs and notebooks are general devices that do not map all the functions needed to operate a hands-free system or a headset in conjunction with a Unified Communications software solution. A USB WL Adapter is therefore required.
- The USB WL Adapter gives you:

- High quality audio playback (A2DP)
- Volume level synchronised with the operating system (macOS / Windows)
- Detection of microphone use and switching to HFP
- Fully synchronised buttons on the beyerdynamic device
- The following Bluetooth® profiles are supported:
 - HFP (wideband voice / HD Audio (16kHz); AT commands from the hands-free channel are understood and converted into commands for the USB HID device.)
 - A2DP (high quality audio playback; AVRCP for volume synchronisation; profile commands are converted into commands for the USB HID device.)

FIRST STEPS

Removing from packaging and storing

Remove the USB WL Adapter from the packaging. This provides the best protection and prevents damage.

FIRMWARE UPDATE

Firmware updates are carried out via USB-HID using the beyerdynamic Update Hub: <https://byr.li/firmwareupdate>

SUPPORTED AUDIO CODECS

- The USB WL Adapter supports the SBC audio codec.
Please note that only the codecs available in the play-back device can be used for audio transmission.
- Playback device and the beyerdynamic Bluetooth® device automatically select the best mutually available codec: In this case SBC.

OPERATION

Inserting / removing the USB WL Adapter

The following platforms/operating systems are supported:

- Windows 10 (32bit/ 64bit) and future Windows releases
- macOS 10.14.6 (Mojave) and 10.15.7 (Catalina) and future operating systems

Plugging in:

Plug the USB WL Adapter into the USB port on the desired PC/laptop.

Once plugged in, the USB WL Adapter is displayed as “USB WL Adapter” on the computer.

Removal:

Pull the USB WL Adapter out of the USB connection on the PC/laptop.

Connecting compatible Bluetooth® products from beyerdynamic and laptop/PC with USB WL Adapter via Bluetooth® (pairing)

- Before you can use compatible Bluetooth® products from beyerdynamic, you must connect them with your mobile phone or another Bluetooth®-enabled device. The connection process may differ depending on the device.

- With the USB WL Adapter, a laptop/PC can be connected with up to three Bluetooth®-enabled devices from beyerdynamic.
- Pairing with a USB WL Adapter on a PC/laptop is described here.
Please refer to the relevant operating instructions of the device you wish to pair the beyerdynamic USB WL Adapter with.

Connect the USB WL Adapter to a suitable beyerdynamic Bluetooth® device:

- The output device (PC/laptop) is switched on.
 - The beyerdynamic Bluetooth® device is switched on.
1. Plug the USB WL Adapter into the USB port on the PC/ laptop.
 2. Press the Sync button (1) on the USB WL Adapter for 3 seconds.. The LED display flashes alternately blue and red.
 3. Carry out pairing as described in the operating instructions of your beyerdynamic Bluetooth® product.
After successful pairing, the LED display of your USB WL Adapter flashes alternately blue and white three times. Briefly pressing the Sync button (1) causes the USB WL adapter to start searching for a device in the pairing list and establish a connection with it.

Deleting the list of already connected devices:

- Press the Sync button (1) on the USB WL Adapter for 10 seconds.
- The LED display flashes yellow.
- The list of already connected Bluetooth® devices (maximum 3) is deleted.
- Overview of the LED displays

Overview of the LED displays

- **Lights up steady white** No connection, not in pairing mode
- **Flashes rapidly red and blue** Pairing mode
- **Flashes three times blue and white** Pairing successful
- **Flashes rapidly yellow** Pairing list cleared
- **Lights up steady blue** Device connected
- **Lights up steady green** Call in progress
- **Lights up steady red** Mute

USB WL Adapter-supported functions

When paired with PC or laptop devices, the USB WL Adapter enables the use of functions such as mute and call functions (hang up) that are often not supported by the playback devices.
Please refer to the operating instructions of your beyerdynamic Bluetooth® product.

HELP WITH PROBLEMS / FAQ

The volume of the Bluetooth® device cannot be adjusted from the PC.

The audio signal transmitted by the USB WL Adapter is not processed by the receiving device.

- ▶ Adjust the volume directly in the sound reproduction app.

No audio output.

There is no Bluetooth® connection.

- ▶ Make sure that the hands-free system has been successfully paired with the USB WL Adapter.

Bluetooth device is connected to another/the wrong device.

There is already a Bluetooth® connection to another playback device.

- ▶ Switch off the incorrectly connected device.
- ▶ Reset the USB WL Adapter to factory settings and disconnect it from the USB port. Activate pairing mode, plug in the USB WL Adapter again (minimise the distance between the USB WL Adapter and the Bluetooth® device) and carry out pairing again.

Microphone does not work.

USB WL Adapter is not recognised on the input device.

- ▶ Make sure that the audio settings in the operating system are correct.
 - ▶ Make sure that the input device is set to the USB WL Adapter.
 - ▶ If necessary, adjust the settings in the communication app used.
-

Bluetooth® device fails or has no range, or noise is heard.

- | | |
|---|--|
| There is interference with other devices. | ► Keep your distance from WLAN routers and microwave ovens. |
| | ► Do not stand between the playback device and the beyerdynamic Bluetooth® device. |

- | | |
|---------------------|---------------------------------|
| Batteries are empty | ► Charge the Bluetooth® device. |
|---------------------|---------------------------------|

- | | |
|---------------------------|--|
| Other devices are paired. | ► Set unwanted paired devices to Bluetooth® OFF. |
|---------------------------|--|

- | | |
|-----------------------------------|---|
| Signal transmission is disturbed. | ► Unplug the USB WL Adapter and plug it back in. Wait for the connection process. |
| | ► Reset the USB WL Adapter to factory settings and pair again. |

- | | |
|--|---|
| The Bluetooth® signal may be impaired by obstacles between the hands-free device and the USB WL Adapter. | ► Reduce the distance between the USB WL Adapter and the Bluetooth® device and avoid obstacles. |
|--|---|

- | | |
|-------------------------|---|
| USB transmission faulty | ► Connect the USB WL Adapter to another USB port on the input device. |
|-------------------------|---|

No audio output.

- | | |
|------------------------------------|--|
| There is no Bluetooth® connection. | ► Make sure that the Bluetooth® device has been successfully paired with the USB WL Adapter. |
|------------------------------------|--|

Please also observe the troubleshooting information in the operating instructions of the Bluetooth® device used.

CLEANING AND MAINTENANCE

- Use a soft cloth moistened with alcohol cleaner to clean the USB WL Adapter. Make sure that no liquid enters the USB connector.
- Do not use cleaners containing solvents, as these can damage the surface.

DISPOSAL

This symbol on the product, in the user manual or on the packaging means that your electrical and electronic devices must be disposed of separately from household waste at the end of their life cycle. There are separate collection systems for recycling in the EU.

For further information, please contact your local authorities or the dealer where you purchased the product.

Returning batteries is free of charge.

EU/UK DECLARATION OF CONFORMITY

beyerdynamic hereby declares that this radio transmission device complies with the EU Directive 2014/53/EU and the UK Directive "The Radio Equipment Regulations 2017".

The full text of the EU/UK declaration of conformity can be found on the Internet at:

www.beyerdynamic.com/cod

TECHNICAL DATA

- **ISM band frequency range** 2.400 to 2.4835 GHz
- **Transmitting power** 2.5 mW (Class 2)
- **Length x width x height (mm)** 31 x 17 x 6
- **Weight** 3 g

You can find more detailed information about the technical data online at: www.beyerdynamic.com/usb-adapter.html#product-downloads

WARRANTY CONDITIONS

beyerdynamic provides a limited warranty for the original beyerdynamic product you have purchased.

You can find detailed information about beyerdynamic's warranty conditions on the Internet at:

www.beyerdynamic.de/service/garantie

THIRD PARTY LICENSES

For more information on 3rd party licenses, please go to: https://www.beyerdynamic.com/media/downloads/headphones/manual/Licenses_USB_WL_Adapter.md

REGISTERED TRADEMARKS

- Windows is a registered trademark or trademark of Microsoft Corporation in the United States of America or other countries.
- iPhone, iPod touch, iPad, macOS and Mac are trademarks of Apple Inc. registered in the United States and other countries.
- Android is a trademark of Google LLC.
- The Bluetooth® word mark and logos are registered trademarks of Bluetooth® SIG, Inc. and any use of such marks by beyerdynamic under licence. Other trademarks and trade names belong to their respective owners.
- USB type A, USB type B and USB type C are trademarks of USB Implementers.

FCC / IC REGULATION

- **NOTE:** 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.

• **NOTICE:**

This device complies with Part 15 of the FCC Rules [and with Industry Canada licenceexempt RSS standard(s)].

- Operation is subject to the following two conditions:
 - this device may not cause harmful interference, and
 - this device must accept any interference received, including interference that may cause undesired operation.

• **NOTICE:**

Changes or modifications made to this equipment not expressly approved by beyerdynamic GmbH & Co. KG may void the FCC authorization to operate this equipment.

• **NOTICE:**

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

Radio frequency radiation exposure information:

For body worn operation, this radio frequency device has been tested and meets the FCC RF exposure guidelines when used within a minimum distance to the human body.

CONSUMER ALERT

- Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: the system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from interference received from any other device.
- Purchasers should also be aware that FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change.
- For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at www.fcc.gov/cgb/wirelessmicrophones.
- This device operates on a no-protection, no-inteference basis. Should the user seek to obtain protection from other radio services operating in the same TV bands, a radio licence is required. For further details, consult
- Innovation, Science and Economic Development Canada's document Client Procedures Circular CPC-2-1- 28, Voluntary Licensing of Licence-Exempt Low-Power Radio Apparatus in the TV Bands.

ABOUT COMPANY








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Documents / Resources

 USB WL Adapter	beyerdynamic USB Wireless Dongle for SPACE Bluetooth Speakerphone [pdf] Instruction Manual USB Wireless Dongle for SPACE Bluetooth Speakerphone, USB, Wireless Dongle for SPACE Bluetooth Speakerphone, SPACE Bluetooth Speakerphone, Bluetooth Speakerphone
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References

-  [Downloads](#)
-  [Garantie](#)
-  [Headphones & Microphones |beyerdynamic](#)
-  [Headphones & Microphones |beyerdynamic](#)
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-  beyerdynamic.com/media/downloads/headphones/manual/Licenses_USB_WL_Adapter.md

Manuals+.