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beyedynamic USB Bluetooth Adapter Instruction Manual

**USB Bluetooth Adapter
Instruction Manual**

This manual describes the most important functions of the Beyerdynamic USB Bluetooth® 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 products, 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

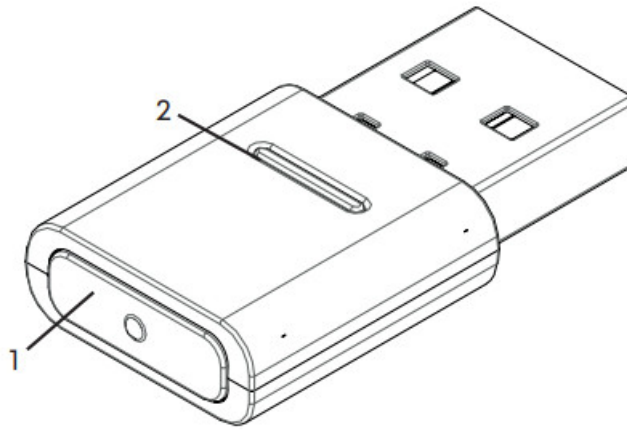This Manual describes the most important functions of the USB Bluetooth® adapter.
The information in this manual refers to the default settings of the specified software version. A newer version may be available.

- You can find information about software updates under „Firmware-Update" auf Seite 7.

SUPPLIED ACCESSORIES

- USB Bluetooth® 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 Bluetooth® adapter is therefore required.
The USB Bluetooth® adapter gives you::

- High-quality audio playback (A2DP)
- Volume level synchronized with the operating system (macOS / Windows)
- Detection of microphone use and switching to HFP
- Fully synchronized buttons on the Beyerdynamic device The following Bluetooth® profiles are supported:
- HFP (wideband voice / HD Audio (l6kHz); 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 synchronization; profile commands are converted into commands for the USB HID device.)

FIRST STEPS

Removing from packaging and storing

- Remove the USB Bluetooth® 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 Bluetooth® adapter supports the SBC audio codec.

Please note that only the codecs available in the playback 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 Bluetooth® 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 Bluetooth® adapter into the USB port on the desired PC/laptop.

  Once plugged in, the USB Bluetooth® adapter is displayed as "Beyerdynamic USB Bluetooth® Adapter" on the

  computer.

Removal:

- Pull the USB Bluetooth® adapter out of the USB connection on the PC/laptop.

Connecting compatible Bluetooth® products from Beyerdynamic and laptop/PC with USB Bluetooth® 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 Bluetooth® adapter, a laptop/PC can be connected with up to three Bluetooth®-enabled devices from Beyerdynamic.
Pairing with a USB Bluetooth® 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

  Bluetooth® Adapter with.

Connect the USB Bluetooth® 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 Bluetooth® adapter into the USB port on the PC/laptop.
2. Press the Sync button (1) on the USB Bluetooth® 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 Bluetooth® adapter flashes alternately blue and white

   three times.

Deleting the list of already connected devices:

- Press the Sync button (1) on the USB Bluetooth® 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

LED display	Function
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
Flashes of green and red	Incoming call
Lights up steady green	Call in progress
Lights up steady red	Mute

USB Bluetooth® adapter-supported functions

When paired with PC or laptop devices, the USB Bluetooth® 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 Bluetooth® adapter is not processed by the receiving device.	► Adjust the volume directl

No audio output.

There is no Bluetooth® connection.	► Make sure that the hands Bluetooth® 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 Bluetooth® adapter to factory settings and disconnect it from the USB port. Activate pairing mode, plug in the USB Bluetooth® adapter again (minimize the distance between the USB Bluetooth® adapter and the Bluetooth® device) and carry out pairing again.

The microphone does not work.

USB Bluetooth® adapter is not recognized 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 Bluetooth® 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 Bluetooth® adapter and plug it back in. Wait for the connection process. ► Reset the USB Bluetooth® adapter to factory settings and pair again.
The Bluetooth® signal may be impaired by obstacles between the hands-free device and the USB Bluetooth® adapter.	► Reduce the distance between the USB Bluetooth® adapter and the Bluetooth® device and avoid obstacles.
USB transmission faulty	► Connect the USB Bluetooth® 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 Bluetooth® 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 Bluetooth® 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 DECLARATION OF CONFORMITY

Beyerdynamic hereby declares that this radio transmission device complies with the EU Directive 2014/53/EU.

► The full text of the EU 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-bluetooth-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**

REGISTERED TRADEMARKS

Windows is a registered trademark or trademark of Microsoft Corporation in the United States of America or other countries.

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Android is a trademark of Google LLC

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FCC / IC REGULATION
FCC ID: OSDUSBBTADAPT
Canada IC: 3628C-USBBTADAPT
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 license-exempt RSS standard(s)]. 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.

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 radiofrequency 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 the 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 license is required. For further details, consult Innovation, Science and Economic Development Canada's document Client Procedures Circular CPC-2-128, Voluntary Licensing of Licence-Exempt Low-Power Radio Apparatus in the TV Bands.

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For further distributors worldwide, please go to **www.beyerdynamic.com**
Non-contractual illustrations. Subject to change without notice.

Documents / Resources

beyedynamic USB Bluetooth Adapter [pdf] Instruction Manual
USBBTADAPT, OSDUSBBTADAPT, USB Bluetooth Adapter

References

- ✉ **Garantie**
- ✉ **Headphones & Microphones |beyerdynamic**
- ✉ **Headphones & Microphones |beyerdynamic**
- ✉ **Downloads**
- **Wireless Microphones | Federal Communications Commission**