



beyerdynamic MMX 200 Wireless Low Latency Adapter User Guide

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beyerdynamic MMX 200 Wireless Low Latency Adapter



Product Information

The MMX 200 wireless Low Latency Wireless Adapter is a product manufactured by beyerdynamic. It is a wireless adapter designed to provide low latency audio transmission for an enhanced listening experience. The adapter is compatible with USB devices and can be used with various audio devices such as headsets.

Safety Instructions

- Read the safety instructions carefully before using the product.
- Observe all instructions given, especially those concerning the safe use of the product.
- Do not use the product if it is defective.
- Only use the product as described in the product manual.
- Observe the relevant country-specific regulations before using the product.

Volume Adjustment

High volumes and long listening can permanently damage your hearing. Before putting on the headset, set the volume to minimum. Do not use the headset at high volume for a long time. When listening and speaking normally with a headset, your voice should still be perceptible. In case of tinnitus, decrease the volume. If necessary, consult a doctor. It is advisable to keep listening times at high volumes as short as possible.

Damage from Liquids

Liquid penetration can damage the headset. Make sure that no liquids penetrate the headset (e.g. when cleaning). Do not use solvent-based or aggressive cleaning agents as they can damage the surfaces of the headset or the cable.

Swallowing Hazard

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

Battery Usage

- Do not expose the battery to excessive heat, fire, or extremely low air pressure as it may cause explosion, fire,

smoke, or gas.

- Do not subject the battery to mechanical stress (e.g. crushing) as it may cause irreversible damage or explosion.
- Do not open the housing or remove the battery.
- Only use a USB 2.0/3.0 standard-compliant 5V power supply to charge the battery via the integrated USB Type-C port.

Battery Storage

When the device is fully charged, disconnect the USB connecting cable from the charging unit.

SAFETY INSTRUCTIONS

- Please read these safety instructions carefully and completely before using the product.
- Please observe all instructions given, especially those concerning the safe use of the product.
- Please also observe the detailed operating instructions for this product. The instructions can be downloaded from the beyerdynamic website at www.beyerdynamic.de.
- Do not use the product if it is defective.

Intended use

- Only use the product as described in the 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.

Adjusting the volume

High volumes and long listening can permanently damage your hearing.

- Before putting on the headset, set the volume to minimum.
- Do not use the headset at high volume for a long time. When listening and speaking normally with a headset, your voice should still be perceptible.
- In case of tinnitus, decrease the volume. If necessary, consult a doctor.
- We would like to point out that excessively high volumes and long listening times may cause hearing damage.
- Hearing impairments are irreversible, so always ensure an adequate volume level.
- It is advisable to keep listening times at high volumes as short as possible.

Damage from liquids

Liquid penetration can damage the headset.

- Make sure that no liquids penetrate the headset (e.g. when cleaning).
- Solvent-based or aggressive cleaning agents can damage the surfaces of the headset or the cable.

- Do not use solvent-based or aggressive cleaning agents.

Risk of swallowing

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

Using the batteries

Danger from heat, water and mechanical stress

Excessive heat, water and mechanical stress may cause explosion, heat, fire, smoke or fumes. Injuries and irreversible damage to the battery may result.

- Do not expose the battery to excessive heat, fire or extremely low air pressure. There is a risk of explosion, fire, smoke or gas.
- Do not subject the battery to mechanical stress (e.g. crushing). This may cause irreversible damage to the battery, or explosion or injury.
- Do not open the housing or remove the battery.
- Only use a USB 2.0/3.0 standardcompliant 5 V power supply to charge the battery via the integrated USB Type-C port.

Storing the battery

If the battery is not going to be used for an extended period, set the charge level to approximately 50 % of the maximum capacity and store it at temperatures up to max. 30 °C.

Charging

Disconnect the USB connecting cable from the charging unit once the device is fully charged.

Environmental conditions

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

Disposal

This symbol on the product, in the operating instructions or on the packaging means that the electrical and electronic devices must be disposed of separately from household waste at the end of their life-cycle.

- Always dispose of used equipment in accordance with applicable regulations.
- For the return of old equipment, batteries and rechargeable batteries, there are free collection points or a free return to beyerdynamic, as well as other acceptance points for reuse. The addresses are available at the local city or municipal administration.
- Dealers for electronic equipment are generally obliged to take back waste electrical/electronic equipment free of charge. This obligation also applies to sales via remote communication.
- For further information, please contact the local authorities or the dealer from whom the product was purchased.

Disposal of batteries

- Dispose of batteries separately after use from the product in accordance with applicable regulations. They must not be disposed of in household waste. The return is free of charge for consumers/end users.

- Before disposal, discharge and remove the batteries.

CAUTION: For this product a non-destructive removal of the battery by the end user is not possible. Please contact beyerdynamic or consult independent professional staff.

- On the internet at www.beyerdynamic.com/mmx-200-wireless you will find instructions for battery removal (for professional staff only).

CONFORMITY AND GUARANTEE

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.

Warranty conditions

beyerdynamic provides a limited guarantee 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.

PRODUCT REGISTRATION

You can register your MMX 200 wireless online at www.beyerdynamic.com/mmx-200-wireless by entering the serial number.

TECHNICAL SPECIFICATIONS

MMX 200 wireless

- **Bluetooth® frequency range** 2,400 – 2,483.5 MHz
- **Transmitting power** 10 dBm
- **Operating temperature range** -10 to +60 °C
- **Charging temperature range** +10 to +45 °C
- **Battery type: lithium-ion battery** 3.7 V, 900 mAh

Low Latency Wireless Adapter

- **Bluetooth®- frequency range** 2,400 – 2,483.5 MHz
- **Transmitting power** 10 dBm
- **Operating temperature range** -10 to +60 °C

You can find more detailed information about the technical specifications online at:

www.beyerdynamic.com/mmx-200-wireless

REGISTERED TRADEMARKS

The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc. and all use of these trademarks by beyerdynamic is under licence. Other trademarks and trade names are the property of the respective owners.

FCC / IC REGULATION

- **Model/HVIN: MMX 200 wireless**
 - **FCC ID:** OSDMMX200
 - **Canada IC:** 3628C-MMX200
- **Model/HVIN: Low Latency Wireless Adapter**
 - **FCC ID:** OSDLLWA
 - **Canada IC:** 3628C-LLWA

Responsible Party — U.S. Contact Information

- Beyer Dynamic Inc.
- 56 Central Ave.
- NY 11735 Farmingdale
- USA
- 631-293-3200
- info@beyerdynamic-usa.com

NOTICE:

- This device complies with Part 15 of the FCC Rules [and with Industry Canada licence- 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.

Radiofrequency radiation exposure information:

This equipment has been tested and complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment.

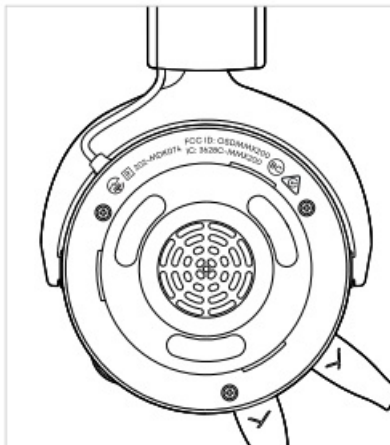
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

- 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

- **CAUTION:** Changes or modifications made to this equipment not expressly approved by beyerdynamic may void the FCC and user authorization to operate this equipment.

Approval IDs

- Due to its dimensions, the Low Latency Wireless Adapter is not labelled with the approval IDs for the USA, Canada, Japan and Australia.
- For the headset you will find the approval IDs for the USA, Canada, Japan and Australia on the left ear cup under the ear pad.



- You can remove the ear pad by turning it anti-clockwise.



THIRD PARTY LICENSES

For more information on 3rd party licenses, please go to:

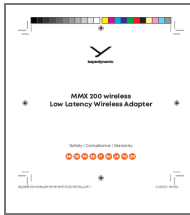
- https://www.beyerdynamic.de/media/downloads/headphones/manual/Licenses_MMX_200_wireless.md
- https://www.beyerdynamic.de/media/downloads/headphones/manual/Licenses_Low_Latency_Wireless_A

ABOUT COMPANY

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 - **Phone** +49 7131 617-300
 - **E-Mail** info@beyerdynamic.com
 - www.beyerdynamic.com

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

Documents / Resources



[beyerdynamic MMX 200 Wireless Low Latency Adapter](#) [pdf] User Guide
LLWA, OSDLLWA, OSDLLWA Ilwa, MMX 200, MMX 200 Wireless Low Latency Adapter, Wireless Low Latency Adapter, Low Latency Adapter, Adapter

References

- [🌐 USA Location information - USA.com](#)
- [🇩🇪 Headphones & Microphones |beyerdynamic](#)
- [🇩🇪 Headphones & Microphones |beyerdynamic](#)
- [🇩🇪 Downloads](#)
- [🇩🇪 MMX 200 wireless | beyerdynamic](#)
- [🇩🇪 Kopfhörer & Mikrofone direkt vom Hersteller | beyerdynamic](#)
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- [🇩🇪 Kundenservice – Hilfe und Kontakt | beyerdynamic](#)
- [🇩🇪 Garantie](#)
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