



## FlowBuds 6.0™

Wireless headphones

### User manual

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### 3mk FlowBuds 6.0™ Wireless Headphones

#### 1. Product Overview:

The TWS wireless headphones are designed for wireless audio playback and making phone calls using Bluetooth technology in conjunction with compatible devices. This product is intended for consumer use only. It is not a personal protective device and does not provide hearing protection. The product should be used as described in this manual.

#### 2. Package Contents:

- 3mk FlowBuds 6.0™
- charging case,
- user manual,
- interchangeable tips.

#### 3. Technical Specifications:

- **Name:** 3mk FlowBuds 6.0
- **Model:** TWS-FLOW-02B/TWS-FLOW-02W/TWS-FLOW-02P/TWS-FLOW-02G/TWS-FLOW-02L/TWS-FLOW-02S
- **Bluetooth Version:** 6.0
- **Audio Codecs:** SBC, AAC
- **Radio Frequency Range:** 2402 MHz-2480 MHz

- **Speaker Size:** 6 mm
- **Impedance:** 16 Ω
- **Charging Port:** USB-C
- **Frequency Range:** 20-20,000 Hz
- **Charging Time for Headphones:** 1h
- **Charging Time for Charging Case:** 2h
- **Playback Time:** approx. 4h (20h with charging case)
- **Standby Time:** up to 100 hours
- **Battery Capacity of Headphones:** 25 mAh
- **Battery Capacity of Charging Case:** 230 mAh
- **Bluetooth Signal Distance:** 10 m
- **Charging Current for Headphone:** 0.025A
- **Charging Current for Charging Case:** 0.2A
- **Maximum Transmit Power:** 5mW
- **Nominal Battery Voltage:** DC 5V
- **Sound Pressure Level (SPL):** 99 dB
- **Nominal Input Voltage and Current:** DC 5V, 0.2A

- **Ingress Protection Class:** IPX4 (according to EN 60529).
- **Battery Category and Model:** General-purpose portable battery 701230/400909
- **Battery Manufacturer:** 3mk Protection Sp. z o.o. Krotoszyńska 35, B-02/4a 63-400 Ostrów Wielkopolski
- **Place of Manufacture:** Suizhou City, Hubei Province, China
- **Date of Manufacture:** 062026

- **Battery Weight:** 4.9 g (for cell 701230) / 0.9g (for cell 400909)
- **Battery Capacity:** 230 mAh (case) / 25 mAh (headphones)
- **Chemical Composition of Battery:** Lithium-ion Polymer
- **Hazardous Substances in the Battery:** none, except for the standard Cd, Hg, Pb
- **Fire Extinguishing Agent:** ABC powder, CO2
- **Critical Raw Materials (concentration >0.1%):** Lithium, natural graphite

- **Short Press (1 click):** pause/resume playback
- **Short Press (2 clicks):** decrease volume
- **Short Press (3 clicks):** go to the previous track
- **Long Press (2 seconds):** activate voice assistant

#### Functions of the Right Earbud:

- **Short Press (1 click):** pause/resume playback
- **Short Press (2 clicks):** increase volume
- **Short Press (3 clicks):** go to the next track
- **Long Press (2 seconds):** activate voice assistant

#### Calling Functions:

- **Short Press (1 click):** answer/end a phone call.
- **Long Press (2 seconds):** reject a voice call.

#### Turning On Headphones:

1. Open the lid of the case, remove the headphones, they will turn on automatically.
2. To turn on the headphones in idle state, press both earbuds for 2 seconds.

#### Turning Off Headphones:

1. Put the headphones in the case, then close it, the headphones will turn off.
2. Press both earbuds for 6 seconds to turn off the headphones.

#### Bluetooth Pairing:

After removing the headphones from the case, they will turn on automatically and the LED will start to blink, then click the Bluetooth name "3mk FlowBuds 6.0" on your phone or other device to connect.

#### Pairing Bluetooth with Another Device:

1. If a previously paired device is nearby, go to the Bluetooth settings and disconnect the current connection from the headphones, then they will switch to pairing mode and can be searched and paired with another device.

#### Switching Between Paired Devices:

Go to the Bluetooth settings and disconnect the current connection from the headphones, then go to the Bluetooth settings of the device you wish to use, and select "Connect".

#### Forgetting Bluetooth Pairing:

When the headphones are on and not connected to any device, a quick five clicks of the button on either earbud will clear the saved Bluetooth pairing list.

#### 5. Safety Information:

Before using the headphones, read the following tips to make the most out of their capabilities and avoid hazardous or illegal situations.

#### Hearing Loss:

Listening to loud sounds can permanently damage hearing. When using headphones for listening to music or making calls, it is recommended to use the minimum volume required for music or conversations to avoid hearing damage. Exposure to loud sounds while driving can distract the driver's attention and may lead to an accident.

#### Operating Environment:

Do not use the device in dusty, heavily soiled places, in small spaces, or near magnetic fields to avoid internal circuit failure of the device.

#### When installing the device, avoid strong magnetic fields or electrical devices with strong magnetic fields, such as ovens and refrigerators.

Do not use the device during a storm. A thunderstorm can cause equipment failure or electrical shock hazards.

Use the device within a temperature range of -15°C to +35°C, and store the device and its accessories between -20°C to +60°C. Excessively high or low ambient temperatures can cause device failure.

At temperatures below 5°C, battery performance is limited.

Do not place the device in direct sunlight, such as on a car dashboard.

Do not place the device near heat sources or open flames, such as electric heaters, stoves, water heaters, cookers, candles, or other places that may have high temperatures.

Do not place sharp metal objects, such as pins near the earbud or speaker, as they can stick to them and cause injury.

**Children's Health:** The device and its accessories may contain small parts. The device and its accessories should be stored out of reach of children. Children may

inadvertently damage the device and its accessories or swallow small parts, which can cause choking or other hazards. The device is not a toy, and children should use it under adult supervision.

#### Battery Safety:

- Do not disassemble or modify the battery, nor immerse it in water or other liquids to avoid battery leakage, explosion, or fire.
- Do not throw, crush, or pierce the battery. This may cause internal short circuits and overheating.
- The device is equipped with a non-replaceable, built-in battery. Do not replace the battery on your own to avoid damaging the battery or the device.
- When charging the earbud while it is wet from sweat etc., the charging contacts will corrode. Wipe moisture off with a dry soft cloth and let it dry naturally before recharging.
- Do not leave the headphones in your pocket while washing clothes.
- Battery Replacement: Due to the necessity of ensuring protection against water ingress (IPX4) and safe usage, the built-in battery is non-replaceable by the end user. Replacement can only be done by qualified independent professionals.

#### Charging Safety:

During the charging of the device, the power socket should be installed near the device and should be easily accessible. After charging is complete or

when charging is not taking place, disconnect the charger from the device and remove the plug from the socket.

#### 6. Precautions:

1. Headphones should be stored in a dry/ventilated place and avoid contact with oil, steam, moisture, and dust to not impair the product's function.
2. To clean the headphones, avoid using sharp organic solvents or items containing these ingredients.
3. Headphones should be used correctly according to the requirements and attention should be paid to the impact of the environment on the product. Ensure that the connection runs without interference, and the distance between devices should not exceed 10 meters.
4. If the headphones do not connect or connect incorrectly, do not disassemble them or remove the accessories. Otherwise, the warranty will be voided.
5. During the charging of the headphones, use the standard charger or the charger specified by our company.
6. To ensure proper use of the headphones, ensure they are fully charged. Improper use or incorrect placement of this product by users may result in shortened lifespan or damage, and any resulting damage is not covered by warranty or liability of the manufacturer. The warranty covers factory defects and material defects. The manufacturer's warranty is 24 months.

#### 7. Disposal and Recycling Information:

The presence of the WEEE symbol means that at the end of its use, the product cannot be treated as municipal waste. It must be handed over to a designated collection point for electrical and electronic waste for recycling. This ensures that WEEE waste is recycled and processed in a manner that protects valuable materials, human health, and the environment.

#### 8. Declaration of Conformity:

Hereby, 3mk Protection declares that the product complies with the relevant community harmonization legislation: 2014/53/EU; 2023/1542; RoHS 2011/65/EU (2015/863). The full text of the declaration of conformity is available at the following URL ([3mk.global/manual](https://3mk.global/manual)).

#### Designed in Poland by:

3mk Protection Sp. z o.o.

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#### Manufactured in China.