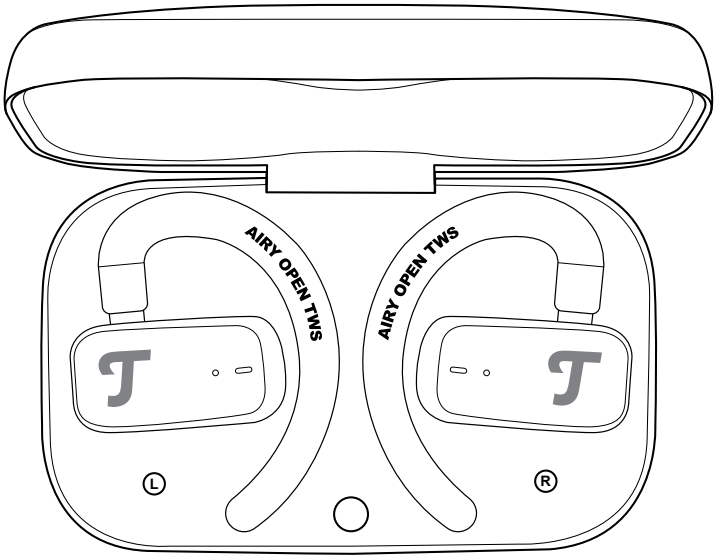
Technical description and user manual



AIRY®

AIRY OPEN TWS

In-ear Bluetooth earphones

Teufel

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General information

Notice

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Version 1.2

May 2025

Validity of the user manual

The user manual applies exclusively to the **AIRY OPEN TWS** earphones, hereinafter also referred to as "earphones".

Trademarks

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The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Lautsprecher Teufel is under license.

Privacy and advertising policy

Lautsprecher Teufel GmbH is not affiliated with any of the services on the Google Assistant system. We do not store any personal data and are not involved in any advertising mailings.

Right of return

If you wish to exercise your right of return, please keep the original packaging. We can only accept the return of earphones IN THE ORIGINAL PACKAGING. Earphones that are returned without their original packaging will not be accepted.

Complaints

Thank you very much for your assistance.

In the event of a complaint, the invoice number is required for your complaint to be processed. You will find the invoice number on the sales receipt (enclosed with the product) or the order confirmation PDF document.

Contact

Please contact our customer service department with any questions, suggestions, or complaints:

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Online support:
teufelaudio.com/support
teufel.de/support

Contact:
teufelaudio.com/contact
teufel.de/contact

Proper use

The Teufel AIRY OPEN TWS earphones have been designed for playback of audio signals that can be transmitted wirelessly via Bluetooth® from an external player. The earphones are also suitable for connecting to Bluetooth-compatible (mobile) phones.

Only use the earphones as described in this user manual. Any other use will be deemed as not in accordance with the instructions and may lead to damage of property or injury to persons.

The manufacturer does not accept any liability for damage caused by improper use.

The earphones are intended for personal use only.

Before using the earphones, please read the safety booklet and the user manual carefully. This is the only way to use all the functions and features safely and reliably. Store the user manual in a safe place and pass it on to any subsequent owner.

Introduction

Thank you for choosing the Teufel AIRY OPEN TWS earphones. These Bluetooth earphones offer an exceptional sound experience for your entertainment.

Package contents

① AIRY OPEN TWS earphones

② Charging case

③ USB-C charging cable

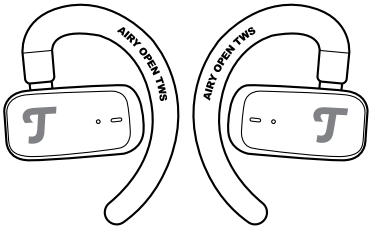
Quick Start Guide

Safety booklet

What's in the box

Unpack the box carefully and make sure that the following parts are included. If any part is damaged or missing, do not use it and contact your retailer or a customer service representative.

①



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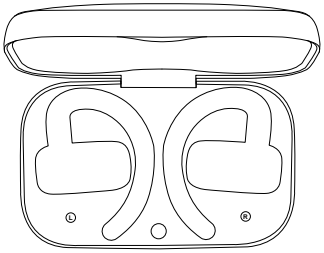

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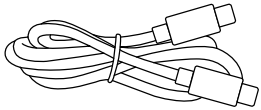
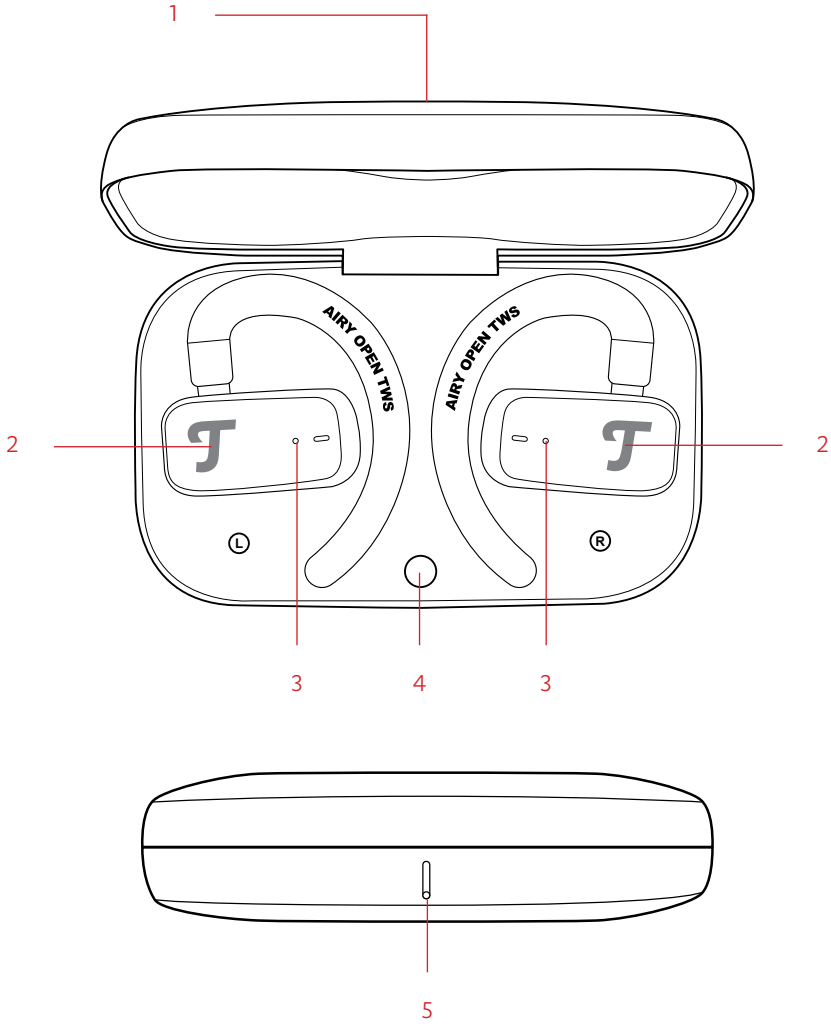


Product overview



The Teufel AIRY OPEN TWS earphones have the following controls:

	Name	Description
1	USB-C port	Port for USB-C charging cable
2	Touch button	The earphones are operated using the two touch buttons.
3	Status LED	Displays information about the status.
4	Button	Used for pairing with Bluetooth.
5	Charging case status LED	Displays information about the Bluetooth connection and the battery charge level.

Powering on & off

1. The earphones switch on automatically when you open the charging case.
2. Place the earphones in the charging case and close it. The earphones are switched off and charged.

NOTICE

The earphones automatically switch to sleep mode after 10 minutes if there is no audio playback or user interaction.

Connecting the earphones using Bluetooth

1. Open the charging case and make sure that both earphones are inside.
2. Press the push button **(4)** for 2 seconds.

☑ **The charging case status LED (5) flashes in blue and Bluetooth pairing begins.**

3. You can optionally remove the earphones from the charging case now. The status LEDs **(3)** flash in blue.
4. Enable Bluetooth on your device and pair it with the Bluetooth device "AIRY OPEN TWS".

☑ **After successful pairing, the status LEDs (3) will light up in blue for 3 seconds and you will hear a signal sound.**

NOTICE

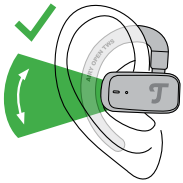
If the device list of the earphones is not empty (devices have been previously connected), an attempt is made to connect to one of these devices. The device will only automatically enter pairing mode when the device list is empty.

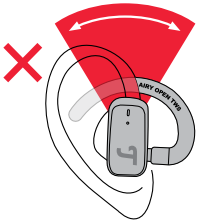
Information on the wireless Bluetooth connection

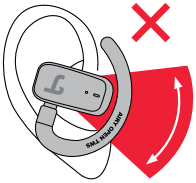
- The earphones are compatible with Bluetooth 5.0.
- If your audio source supports the high resolution audio encoding method SBC, the music will automatically be played in high audio quality.
- The paired devices immediately establish the Bluetooth wireless connection after switching on and are ready for use.
- When the headphones are switched on, they automatically attempt to connect to the last connected Bluetooth device.

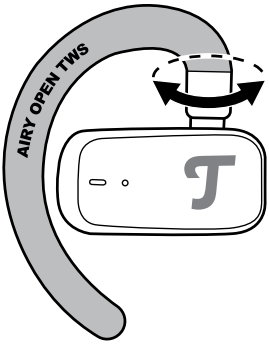
Optimal fit

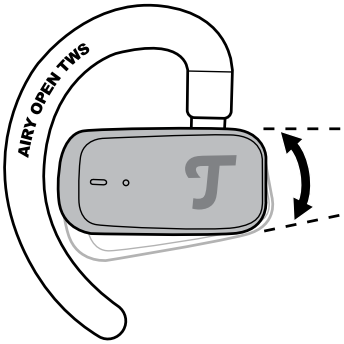
- Position the right earphone on your right ear and the left earphone on your left ear.
- Use the two joints on the earphones to position them in the ideal position for you.
- Position the earphones on your ears at a slight angle and adjust the earphones so that the speakers point towards your ear canals for a comfortable and secure fit.











Using the playback functions

- During music playback, various playback functions can be used with the touch buttons **(2)**.

The following functions and features are available:

Function/ feature	Operation
Resume/pause playback	Short press the touch button **(2)** on the left or right earphone
Skip to the next track	Press the touch button **(2)** on the right earphone twice
Skip to the previous track	Press the touch button **(2)** on the left earphone twice
Increase volume	Press and hold the touch button **(2)** on the right earphone until the desired volume is reached
Reduce volume	Press and hold the touch button **(2)** on the left earphone until the desired volume is reached

Using the earphones to make calls

- The earphones have built-in microphones. If the earphones are connected to your smartphone via Bluetooth, you can use them as a headset for phone calls.
- Music playback will be interrupted when there is an incoming call and it will resume when the call ends.

The following functions and features are available:

Function/ feature	Operation
Answer incoming call	Press the touch button **(2)** on the left or right earphone twice
End call	Press the touch button **(2)** on the left or right earphone twice
Reject incoming call	Press and hold the touch button **(2)** on the left or right earphone for 2 seconds
Switch between calls	Press the touch button **(2)** on the left or right earphone three times

Using the voice assistant

- The earphones have built-in microphones. If the earphones are connected to your smartphone via Bluetooth, press the touch button **(2)** on the left or right earphone three times to enable the voice assistant (when not making a call).

Push-button charging case

- The push button **(4)** in the charging case can be used for various purposes.

The following functions and features are available:

Function/ feature	Operation
Display charge status	Short press the push-button **(4)**
Enable Bluetooth pairing	Press and hold the push-button **(4)** for 2 seconds. The two earphones must be in the charging case when triggering pairing. Once it is activated they can be taken out of the case.
Delete Bluetooth device list	Press and hold the push-button **(4)** for 4 seconds. The two earphones must be in the charging case.
Establish connection with the earphones / reset to factory settings	Short press the push-button **(4)** twice and then hold it down for 4 seconds. The two earphones must be in the charging case.

Display charge status

- ▶ To display the charging status of the charging case and the earphones, open the charging case.
- ☑ **The charging case status LED (5) and the respective status LEDs (3) on the two earphones light up for 3 seconds depending on the charging status and then go out again.**
- ▶ Alternatively, you can also short press the push button **(4)** to display the charging status.

Charge level	Status LED display
0–20 %	Red
21–45 %	Orange
46–70 %	Yellow
71–100 %	Green

Wake the earphones from sleep mode

- ▶ If the earphones are in sleep mode outside the charging case, press the touch button **(2)** on the left or right earbud for 4 seconds.
- ☑ **The respective earphones switch on and the status LED (3) indicates the charging status for 3 seconds.**
- ▶ Repeat this process for the second earphone if necessary.

Delete device list

- ▶ If you want to delete the Bluetooth device list, make sure that the earphones are in the charging case.
- ▶ Press and hold the push button **(4)**in the charging case for 4 seconds.
- ☑ **The charging case status LED (5) and the status LEDs (3) on the earphones flash in the sequence red, blue, red. The earphones then go into Bluetooth pairing mode.**

Pair with multiple devices

- The earphones can connect to multiple devices and switch between them.
- ▶ If one device is already connected to the earphones, pair the second device as described in the chapter 'Connecting the earphones using Bluetooth'. Any playback from the first device will be interrupted.
- ☑ **The earphones are now paired with both devices.**

NOTICE

If the earphones are already paired with two devices, pairing another device will maintain the connection of the last device used, whereas the pairing with the device not last used will be cancelled.

- ▶ To switch manually between playback on the two devices, pause playback on the device currently playing and then start playback on the second device.
- ▶ If the first device is playing and then playback is also started on the second device, playback of the first device pauses automatically and the earphones switch to playback of the second device.

Reset

- ▶ If you want to reset your earphones to the factory settings, make sure that the earphones are in the charging case.
- ▶ Press the push button **(4)** in the charging case twice and then hold it down for 4 seconds.
- ☑ **The charging case status LED (5) and the status LEDs (3) on the earphones light up in purple three times. The earphones then go into Bluetooth pairing mode.**

Charging

Charging the earphones

- The earphones charge while they are in the charging case.
- The charging time for a full charge of the earphones can take up to 1 hour.

☑ **When the charging process is started, the status LEDs (3) on both earphones indicate the charging status for 3 seconds when the charging case is open, then they flash depending on the charging status.**

☑ **As soon as you close the charging case, the status LEDs (3) stop flashing.**

NOTICE

When the battery level of the earphones falls below 20%, the earphones emit a corresponding signal sound that repeats every 15 minutes as long as the charge level is this low; a full charge of the earphones allows up to 6 hours of operation.

Charging the charging case

1. Connect the supplied USB-C charging cable to the USB-C port **(1)** on the charging case.
2. Connect the other end of the USB-C charging cable to a USB port on the PC or a USB charger.
3. The charging case starts to charge and the charging case status LED **(5)** indicates the current charging status for 3 seconds.
4. During the charging process, the charging case status LED **(5)** flashes depending on the charging status.
5. When fully charged, the charging case status LED **(5)** lights up in green for 1 minute and then switches off.
6. Disconnect the charging case from the power supply.

NOTICE

When the charging case is fully charged, you can charge the earphones up to 3 times.

NOTICE

To charge the earphones, we recommend the Lautsprecher Teufel Power Adapter 30 W USB-C E030-1P200150VE. With this power adapter, the power consumption in off mode is below the limit of 0.5 W required by the Ecodesign Directive.

Maintenance and care

Cleaning

- Clean the earphones and charging case regularly with a soft, dry cloth, cotton bud or similar. Never use aggressive cleaning agents, as these can damage the sensitive surfaces.

Storage

- Store the earphones in the charging case to prevent damage to the earphones during transport. The earphones are automatically charged in the charging case to optimise the battery life.

Troubleshooting

▶ If you experience problems with your earphones or the charging case, you will find common issues and possible solutions in the following table. If you still cannot solve your problem, please contact Teufel customer service.

Issue	Possible solution
Earphones cannot be switched on	**1.** Place the earphones in the charging case to start the charging process. **2.** Make sure that the earphones are not in standby mode and wake them up if necessary by pressing the touch button **(2)** on the left or right earphone for 4 seconds.
Earphones cannot be connected to the mobile device	**1.** Make sure that your mobile device supports Bluetooth technology. **2.** On the mobile device: Toggle the Bluetooth feature on and off. **3.** Delete the Teufel AIRY OPEN TWS earphones from the Bluetooth list on your mobile device. Connect again. **4.** Move your mobile device closer to the earphones and away from interference or obstacles. **5.** Connect another mobile device. **6.** Delete the device list of the earphones and reconnect them.
Earphones cannot be charged	**1.** Make sure that the earphones are correctly inserted in the charging case. **2.** Make sure that the battery of the charging case is not depleted. **3.** Make sure that there is no dirt or debris covering the charging coductors in the charging case or on the earphones. **4.** If your earphones have been exposed to high or low temperatures, allow the earphones to cool down to room temperature and then try charging them again.

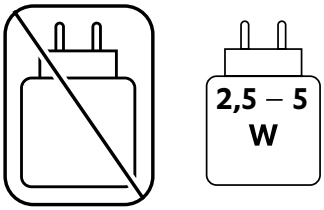
Issue	Possible solution
The charging case cannot be charged	**1.** Check the battery level of the charging case and charge it with the supplied USB-C charging cable if necessary. **2.** Check that both ends of the USB charging cable are plugged in correctly and securely. **3.** If your charger has been exposed to high or low temperatures, allow it to cool down to room temperature and then try charging it again.
No sound	**1.** Tap Play on your mobile device to ensure that an audio track is played. **2.** Place the earphones in the charging case to check the charging status of the earphones. Charge the earphones if necessary. **3.** Increase the volume on the mobile device. **4.** Move your mobile device closer to the earphones (10 m) and away from interference or obstacles. **5.** Use a different music source. **6.** Connect another mobile device.
No sound from one earphone	Make sure that both earphones are charged and that they are paired and connected to your Bluetooth device. Also make sure that the earphones are fitted correctly.
Poor sound quality	**1.** Make sure that both earphones are correctly positioned. **2.** Use a different music source. **3.** Try connecting another mobile device. **4.** Move your mobile device closer to the headphones (10 m) and away from interference or obstacles. **5.** Remove any debris or earwax build-up from the earphones.
Unexpected LED flashes (e.g., when opening the case)	No need to worry. These LED flashes are a normal part of the chip booting process of the earphones. Everything works as expected. No action is required.

Technical data

Driver size:	14.2 mm full-range driver
Battery:	Earphones (x2): Lithium-ion battery, 3.85 V, 70 mAh
	Charging case (x1): Lithium-ion battery, 3.7 V, 650 mAh
Frequency range:	10 Hz–20 kHz
Radio network:	Bluetooth®
Frequency bands in MHz:	2400–2483.5
Transmission power in mW/dBm:	< 10 mW / 10 dBm
USB charging power	5 V 1 A

For more technical data, please refer to our website.

Technical changes reserved.



The power delivered by the charger must be between min 2.5 Watts required by the radio equipment, and max 5.0 Watts in order to achieve the maximum charging speed.

Declaration of conformity

CE

Lautsprecher Teufel GmbH declares that this product complies with Directive 2014/53/EU. The full text of the EU Declaration of conformity is available on these websites:

www.teufel.de/konformitaetserklaerungen
www.teufelaudio.com/declaration-of-conformity

Teufel

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