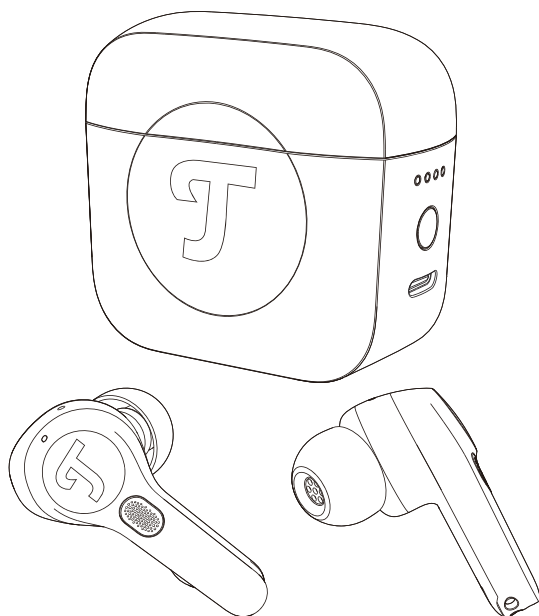


# Technical Description And User Manual



**AIRY®**

**AIRY TWS PRO**

**Bluetooth In-Ear Earphone**

**Teufel**

# Table of contents

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Introduction .....	3	4. Using the Earphones.....	15
General Information .....	4	5. Charging .....	16
Notice .....	4	5.1 Charging the earphones.....	16
Right of Return .....	4	5.1.1 Charging time .....	16
Complaints .....	4	5.1.2 Check the earphone battery level .....	16
For Your Safety .....	5	5.2 USB-C Charging.....	17
Proper Use.....	5	5.2.1 Charging time .....	17
Trademarks.....	6	5.2.2 Check the case battery level .....	17
1. What's in the box.....	7	5.3 Charging wirelessly .....	17
2. Product overview.....	8	6. Care and maintenance .....	18
2.1 Earphones.....	8	6.1 Cleaning the earphones and charging case .....	18
2.2 Charging Case .....	9	6.2 Storing the earphones in the charging case .....	18
2.3 Earphone LED indications....	10	7. Teufel Headphone App .....	19
2.4 Charging case LED indications.....	11	8. Troubleshooting .....	20
3. Getting started .....	13	9. Technical Data.....	23
3.1 Powering on & off .....	13	10. Declaration Of Conformity.....	24
3.2 Choosing the correct eartips .....	13		
3.3 Connecting with the earphones .....	14		
3.4 Information on the Bluetooth wireless connection.....	14		

# Introduction

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Thank you for purchasing the Teufel AIRY TWS PRO Bluetooth earphones which are designed to bring an extraordinary sound experience for your entertainment. Please read this user manual before using the earphones for the first time, it will provide you with useful information and help you get started.

# General Information

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## Notice

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Version 1.1

March 2024

## Right of Return

If you wish to exercise your right of return, we ask that you make sure that you hold onto the original packaging. We can only accept the return of earphones with the original packaging. Earphones returned without the original packaging will not be accepted.

## Complaints

In the event of a complaint, the invoice number is required in order for your complaint to be processed. The invoice number can be found on the sales slip (enclosed with the product) or on the order confirmation PDF document.

Thank you for your support!

# For Your Safety

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## Proper Use

The “Teufel AIRY TWS PRO” Earphone are designed for the playback of audio signals that can be wirelessly transmitted via Bluetooth® from the external player. The earphones are also suitable as a earphone 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 to property or even persons. The manufacturer accepts no liability for damage caused by improper use. The earphones are intended for private use only.



Before operating the earphones, please first read the safety notes and user manual carefully. This is the only way to use all functions safely and reliably. Store the user manual in a safe place and also be sure to pass it on to any subsequent owner.

# Trademarks

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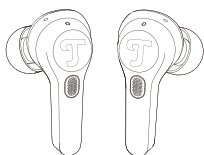


The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Lautsprecher Teufel is under license.

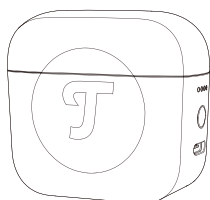
# 1. What's in the box

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



1x pair of Earphones with eartips



1x Case



4x pairs of ear tips



1x Type C to Type A cable

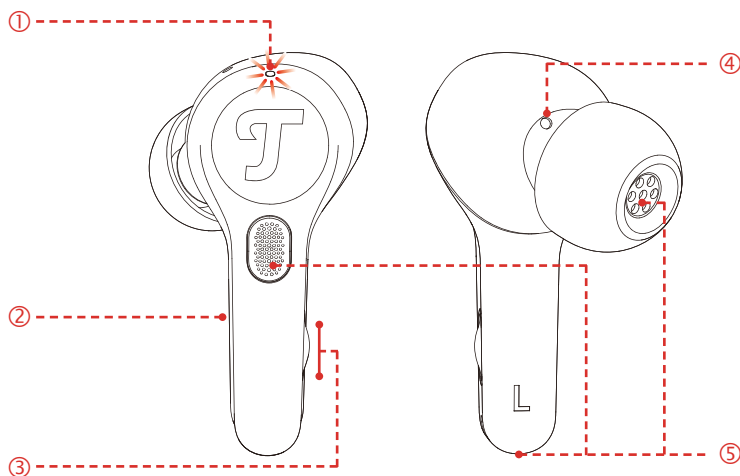


1x Multi-language Quick Start Guide

1x Safety Booklet

## 2. Product overview

### 2.1 Earphones

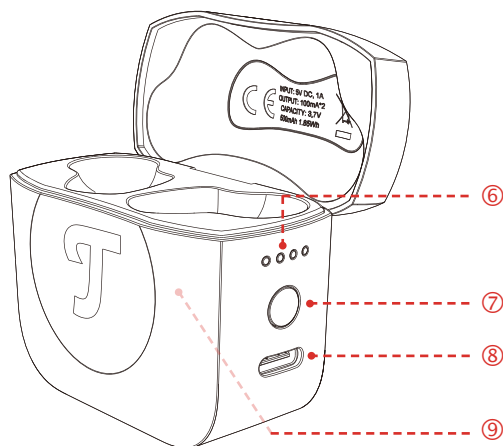


The User Interface of “AIRY TWS PRO” has the following elements:

1. Status LED
2. Touch Slider
3. Force Button
4. Wear Detection Sensor
5. Microphones



## 2.2 Charging Case



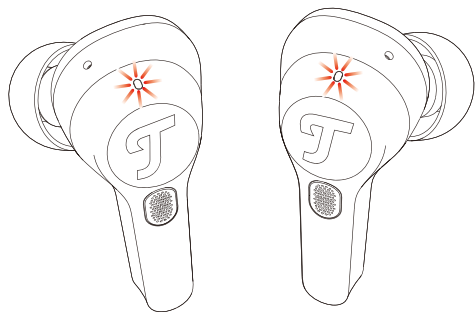
6. Status LED (white) (x4)

7. Push Button

8. USB-C

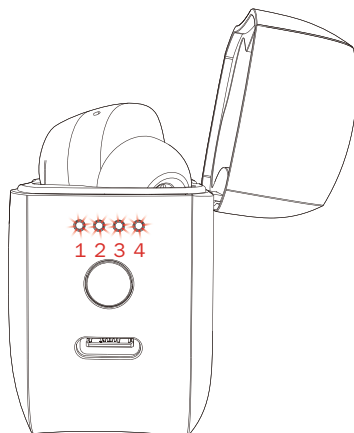
9. Wireless Charging (back side of case)

## 2.3 Earphone LED indications



Earphone State	LED indicator
Power On	<p>The LED shows battery level of earpiece in different colors.</p> <p>When the battery level is higher than 71%, the LED show green, fade in, solid on for 3 seconds, then fade out.</p> <p>When the battery level is between 46%-70%, the LED yellow, fade in, solid on for 3 seconds, then fade out.</p> <p>When the battery level is between 21%-45%, the LED orange, fade in, solid on for 3 seconds, then fade out.</p> <p>When the battery level is between 11%-20%, the LED red, fade in repeats slow flashing while the device is on.</p> <p>When the battery level is between 1%-10%, the LED red, fade in, solid on for 3 seconds, then fade out.</p> <p>When the battery level is empty, the LED red solid on for 3 seconds, then off.</p>
Power Off	Off
BT Pairing Mode	Fast flash blue until device is paired or time-out passed (1 minute)
BT Connected	Solid blue for 3 seconds
Standby	Breathing blue until a device is connected or time-out elapsed
Clear device list	Fast Flash blue, red, blue, then off.

## 2.4 Charging case LED indications



Overview of the LED indications of the charging case.

Charging Case State	Charging Case LED Behavior
Status LEDs flash according to charging progress:	<p><b>0% - 20% power:</b> LED 1 fades in and stays solid on for a while. After the rest three repeat, they four all go off. Finally, they four repeat above processes until the battery level is higher than 20%.</p> <p><b>21% - 45% power:</b> LED 1 solids on. LED 2 fades in and stays solid on for a while. After the rest two repeat, the three go off. Finally, they three repeat the above processes until the battery level is higher than 45%.</p> <p><b>46%-70% power:</b> LED 1 and LED 2 stay solid on. LED 3 fades in and stays solid on for a while. After LED 4 repeats, the two go off. Finally, the two repeat the above processes until the battery level is higher than 70%.</p> <p><b>71%- 99% power:</b> LED 1, LED 2 and LED 3 stay solid on. LED 4 fades in and stays solid on for a while and then go off. It will repeat the process until the battery is fully charged.</p>
Charging Complete	<b>100% power:</b> All 4 LEDs stay solid on for 1 minute, then off.
On connecting charging cable	LEDs display current battery level for one second and then repeat charging pattern according to charging progress.

Charging Case State	Charging Case LED Behavior
On disconnecting charging cable	LEDs display current battery level for 3s. Then off.

## 3. Getting started

### 3.1 Powering on & off

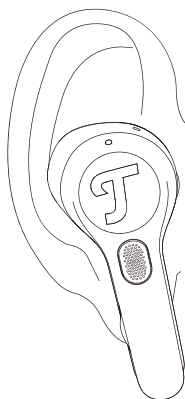
1. Open the charging case, the earphones will automatically turn on.
2. Place the earphones into the charging case, then close the charging case, the earphones will power off and continue charging.

### 3.2 Choosing the correct eartips

For optimal audio performance, it is important to choose the correct eartip size. Select the size that gives you the best comfort and fit in each ear. To determine the best fit, you may need to try all four sizes. You may need a different size for each ear.

#### NOTICE

***To test the fit, try speaking aloud. Your voice should sound muffled in both ears; if not, select another tip size. This should be done under ANC OFF mode.***

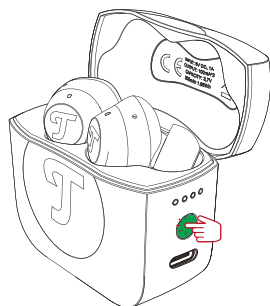


Insert the right earphone into your right ear and the left earphone into your left ear.

Insert the earphones at a slight angle into the ears and twist them slightly into the ear canal, so that they fit comfortably and snugly.

### 3.3 Connecting with the earphones

1. Opening the charging case for the first time will automatically start pairing on the earphones. The LED's on the earphones will flash blue.
2. Enable Bluetooth on your device and search for the "Teufel AIRY TWS PRO". LED will stay solid on for 3 seconds blue when it is connected.
3. If the earphones have been paired with another device before, put the earphones in the charging case and open the case lid, and press and hold the button on the charging case for 1.5 seconds. The earphones will enter pairing mode and the new device can find and connect to it.
4. If the earphones have already been paired to a device, they will automatically reconnect to that device. If none of these devices are available within 60 seconds, the earphones will enter connectable mode.



### 3.4 Information on the Bluetooth wireless connection

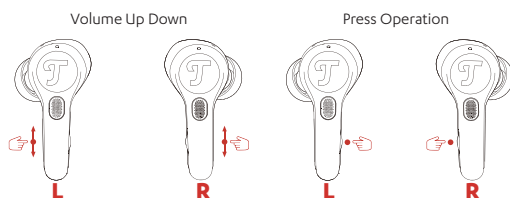
The earphones are compatible with Bluetooth 5.2. Two devices can be connected at the same time.

If your audio source supports high-resolution audio encoding methods SBC, AAC, it will automatically play high audio quality music.

The paired devices immediately establish the Bluetooth wireless connection after switching on and are ready for use.

When you switch the earphones on, they automatically try to connect to the last connected Bluetooth device.

## 4. Using the Earphones



### Playback Controls

- ►|| Short press the L/R force button to play/pause music.
- ● ►► Double press the L/R force button to skip to the next track.
- ● ● ◀◀ Triple press the L/R force button to go back to previous track.
- ▲ ◀) Swipe touch slider up to increase volume.
- ▼ ◀ Swipe touch slider down to decrease volume.

### Calls

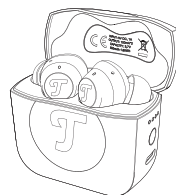
- ☎ Short press L/R force button to answer/end a call.
- ● Double press L/R force button to hold current call and answer incoming call.
- ● Double press L/R force button to switch between calls.
- 1.5 sec ☎ Middle press L/R force button to reject a call.
- 1.5 sec Middle press L/R force button to retrieve call from hold after ending current call.

### Noise Canceling and Aware Mode

- 1.5 sec 🎧 Middle press L/R force button to cycle between “Noise Canceling On”, Aware Mode and “Noise Canceling Off” via App.

### Charging Case Button

- Short press the case button to show battery status.
- 1.5 sec Middle press the case button for Bluetooth Pairing.
- 4 sec Long press the case button to clear device list.
- 8 sec Very long press the case button for TWS pairing.



## 5. Charging

### 5.1 Charging the earphones

The earphones charge while they are in the charging case.

#### 5.1.1 Charging time

Allow up to two hours to fully charge the earphones.

#### NOTICE

*A full charge of the earphones allows up to 7.5 hours of use.*

#### 5.1.2 Check the earphone battery level

##### While using the earphones

If connected to an Apple or Android device, the device displays the approximate battery level near the upper right corner of the screen and in the notification bar.

This displayed battery level is not accurate. To get the real-time battery level, use a Battery Widget for Android or iOS or the companion app.

##### While charging the earphones

When an earphone is inserted, its corresponding charging indicator glows according to charging status.

### Battery status

The LED shows battery level of earpiece in different colors.

When the battery level is higher than 71%, the LED show green, fade in, solid on for 3 seconds, then fade out.

When the battery level is between 46%-70%, the LED yellow, fade in, solid on for 3 seconds, then fade out.

When the battery level is between 21%-45%, the LED orange, fade in, solid on for 3 seconds, then fade out.

When the battery level is between 11%-20%, the LED red, fade in repeats slow flashing while the device is on.

When the battery level is between 1%-10%, the LED red, fade in, solid on for 3 seconds, then fade out.

When the battery level is empty, the LED red solid on for 3 seconds, then off.

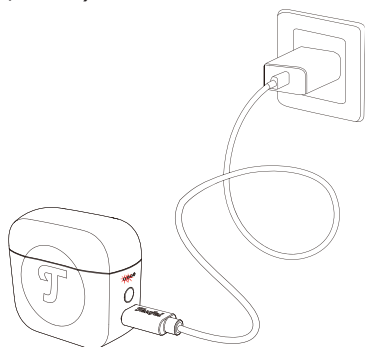


## 5.2 USB-C Charging

The charging case stores and charges the earphones when not in use.

### CAUTION

*Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., CE, CCC).*



1. Connect the small end of the supplied USB cable into the USB-C port.
2. Connect the other end into a USB wall charger (not provided).

### NOTICE

*Before charging, be sure that the earphones are at the correct operating temperature of between 0°C and 45°C.*

### 5.2.1 Charging time

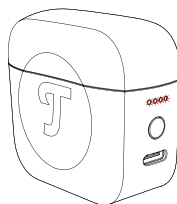
Allow up to two hours to fully charge the case. When the earphones are inside of the case, charging time varies.

### NOTICE

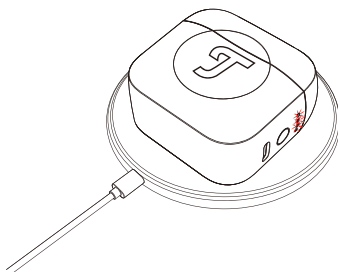
*When the case is fully charged, you can charge the earphones up to 4 times.*

### 5.2.2 Check the case battery level

The LED power indicators are on the front of the case, they glow according to the battery level as follows:



## 5.3 Charging wirelessly



## 6. Care and maintenance

### 6.1 Cleaning the earphones and charging case

The earphones and charging case may require periodic cleaning.

Component	Cleaning procedure
Eartips	Remove the tips from the earphones and wash them with a mild detergent and water. <b>Note:</b> Make sure you thoroughly rinse and dry the tips before re-attaching them to the earphones.
Earphone nozzles	Clean only with a dry, soft cotton swab or equivalent. <b>Note:</b> Never insert any cleaning tool into the nozzle.
Charging pins (on earphones and case)	To prevent rusting, regularly clean with a dry, soft cotton swab or equivalent.
Charging Case	Clean only with a dry, soft cotton swab or equivalent.

### 6.2 Storing the earphones in the charging case

Store the earphones in the charging case to prevent damage to the earphones when you are transporting them. The earphones are automatically charged when in the charging case so that you always have the longest possible battery life.

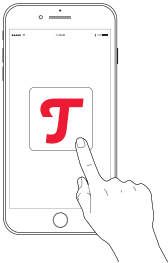
- Open the charging case, lift the top cover, and insert the left earphone into the left charging compartment and the right earphone into the right charging compartment.

The earphones are magnetically pulled into the charging compartments.

- Close the charging case.

# 7. Teufel Headphone App

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## 8. Troubleshooting

If you experience problems with your earphones or charging case, see the table below to identify symptoms and solutions to common problems. If you

are still unable to resolve your issue, contact Teufel customer service.

Symptom	Solution
Earphones don't power on	<ol style="list-style-type: none"><li>1. Place the earphones in the charging case to initiate charging.</li><li>2. Make sure the earphones is not in standby mode and wake it up by pressing the force button.</li></ol>
Earphones don't connect with mobile device	<ol style="list-style-type: none"><li>1. Make sure your mobile device supports Bluetooth technology.</li><li>2. On your mobile device: Turn the Bluetooth feature off and then on.</li><li>3. Delete your Teufel AIRY TWS PRO earphones from the Bluetooth list on your mobile device. Connect again.</li><li>4. Move your mobile device closer to the earphones and away from any interference or obstructions.</li><li>5. Connect a different mobile device.</li><li>6. Clear the earphones pairing list and connect again. To clear the BT device list, put the earphones in the charging case and press and hold the Case button for 4 seconds.</li></ol>
Earphones don't charge	<ol style="list-style-type: none"><li>1. Make sure the earphones are properly placed in the charging case.</li><li>2. Make sure the charging case battery is not depleted.</li><li>3. Make sure there is no dirt or debris covering the charging conductors within the case or on the earphones.</li><li>4. If your earphones have been exposed to high or low temperatures, let the earphones return to room temperature and then try charging again.</li></ol>

Symptom	Solution
Charging case doesn't charge	<ol style="list-style-type: none"> <li>1. Check the case battery level by opening the case. If needed, charge the case with the supplied USB-C cable.</li> <li>2. Make sure, both ends of the USB cable are plugged in correctly and securely.</li> <li>3. If your charging case has been exposed to high or low temperatures, let the case return to room temperature and then try charging again.</li> </ol>
No sound	<ol style="list-style-type: none"> <li>1. Tap Play on your mobile device to make sure the audio track is playing.</li> <li>2. Place the earphones in the charging case to check the earphones charging status. If needed, charge the earphones.</li> <li>3. Increase the volume on the mobile device.</li> <li>4. Move your mobile device closer to the earphones (10 m) and away from any interference or obstructions.</li> <li>5. Use a different music source.</li> <li>6. Connect a different mobile device.</li> </ol>
No sound from one earphone	Make sure that both earphones are charged and that the earphones are paired with your Bluetooth device and connected to it. Also make sure that the earphones are inserted into your ears correctly.
Poor sound quality	<ol style="list-style-type: none"> <li>1. Make sure that both earphones fit securely in your ear.</li> <li>2. Use a different music source.</li> <li>3. Try connecting another mobile device.</li> <li>4. Move your mobile device closer to the earphones (10 m) and away from any interference or obstructions.</li> <li>5. Clear any debris or wax buildup from the earphones and earphones nozzles.</li> </ol>
Eartips falling off	Securely attach the tips to the earphones.

Symptom	Solution
TWS Pairing (for Lost and purchase a new earbud)	<ol style="list-style-type: none"> <li>1. Make sure, there is no Bluetooth connection enabled in your playback device.</li> <li>2. Put the two earphones in the charging case.</li> <li>3. The pairing will be done with 3 short presses on both earphones respectively.</li> </ol>

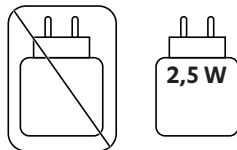
## 9. Technical Data

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Driver Size:	Ø10 mm full range
Max Level during BT playback:	100 dB SPL (A) (According to EN-50332)
Battery:	Earbuds (x2): Lithium-Ion, 3.7 V, 50 mAh Charging Case (x1): Lithium-Ion, 3.7 V, 500 mAh
Radio network:	Bluetooth®
Frequency bands in MHz:	2400 – 2483.5
Transmission power in mW/dBm:	< 10 mW/< 10 dBm
USB Charging Power:	5V 0.5A

You can find further technical data on 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 2,5 Watts in order to achieve the maximum charging speed.

To charge the loudspeaker, 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.

## 10. Declaration Of Conformity

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**CE** Lautsprecher Teufel GmbH declares that this product complies with Directive 2014/53/EU. The full text of the EU declaration of conformity can be found at these Internet addresses:

[www.teufel.de/konformitaetserklaerungen](http://www.teufel.de/konformitaetserklaerungen)

[www.teufelaudio.com/declaration-of-conformity](http://www.teufelaudio.com/declaration-of-conformity)





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

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