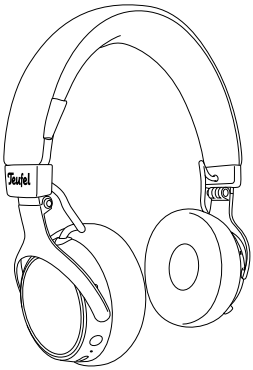
Technical Description and User Manual



Teufel SUPREME ON

Bluetooth® On-Ear Headphones

General notes and information

Notice

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Version 3.0, June 2024

Contact

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

Lautsprecher Teufel GmbH
BIKINI Berlin
Budapester Straße 44
10787 Berlin (Germany)

Telephone:
00800 200 300 40 (toll-free)

Fax: +49 (0) 30 / 300 930 930

Online support:
www.teufelaudio.com/service

Contact form:
www.teufelaudio.com/contact

Original packaging

If you wish to exercise your right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept product returns with the ORIGINAL PACKAGING.

Empty boxes are not available!

Complaints

In case of a complaint we will need the following information to process your enquiry:

1. Invoice number

Can be found on the sales slip (enclosed with the product) or on the order confirmation received as a PDF document, e.g. 4322543

2. Serial number or batch number

Located on the back of the device, e.g. serial no.: UL 04007480121A

Thank you for your support!

Trademark

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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.

Qualcomm® aptX™ is a product of Qualcomm Technologies International, Ltd.

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Package contents

1× “Teufel SUPREME ON” headphone
1× USB cable, 1 m long
1× Connector cable with two 3.5 mm jack plugs, 1.2 m long
1× Storage bag

For your safety

Please read

Before you use the headphones, please first carefully read through the safety notes and the user manual. 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.

Proper use

The “Teufel SUPREME ON” headphones are designed for the playback of audio signals transmitted by an audio system via the enclosed cable or via Bluetooth.

Only use the headphones 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 even injury to persons.

The manufacturer accepts no liability for damage caused by improper use.

The headphones are suitable for use at home, by DJs and professionals.

Safety notes

Danger of suffocation for children!

Make sure that children do not play with the packaging foil, and that they do not pull small parts off of the headphones and put them in their mouth. There is a danger of suffocation.

Extended listening at high volumes may lead to hearing loss.

To avoid damage to health, avoid extended listening at high volumes.

Only connect headphones to the headphone outputs! Do not connect them to the speaker output of an amplifier.

Set the volume control of your audio source to a low level before you put on the headphones.

Risk in road traffic!

Your headphones significantly dampen external noise. Therefore, for reasons of road safety, do not wear your headphones whilst driving vehicles or cycling.

If you are a pedestrian, pay attention to your surroundings while wearing the headphones, especially when crossing the street.

Risk of injury!

Do not use your headphones in environments where there is a risk of explosion.

Risk of explosion/fire!

Lithium rechargeable batteries can explode if handled improperly.

Only replace the rechargeable battery with the same or an equivalent type.

Do not heat or burn the rechargeable battery. Only charge the rechargeable battery at an ambient temperature of 10–45 °C. Do not use the headphones in environments where there is a risk of explosion. Do not expose batteries and rechargeable batteries to direct sunlight.

Interference caused by radio waves!

Radio waves could affect the function of other sensitive devices that are not protected.

Only use the headphones in environments where the use of Bluetooth is permitted.

Risk of damage!

Ensure that the headphones do not become wet, protect them from moisture, heat (e.g. during the summer in cars) and mechanical influences (e.g. severe shocks, pressure and falling).

Always take hold of the plug when pulling out the connector cable. Do not pull on the cable.

Cleaning

Clean the ear cushions and the headband with a soft dry cloth. Never use aggressive cleaning agents as they may damage the sensitive surface.

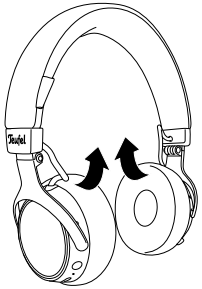
Handling

Put your headphones on so that both ears are firmly covered.

If necessary, adjust the headband length to your head size.

Storage

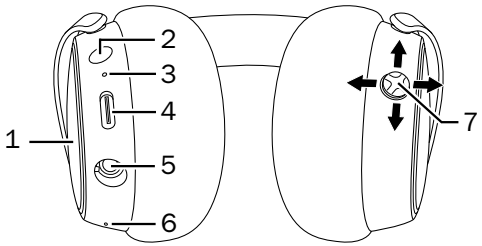
Fold the headphones up for space-saving storage.



Use the enclosed storage bag to store and transport the headphones and the accessories.

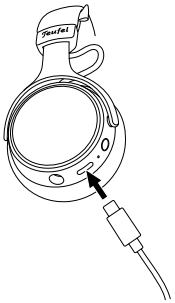
Store the headphones in a clean and dry location.

Controls and connections



	Name	Description
1	NFC connection interface	Place your NFC-compatible device here for quick Bluetooth connection.
2	Power button	Press and hold for 2 seconds to switch the headphones on/off. Double press to enter Bluetooth pairing mode.
3	LED	Shows battery charging level or operation status.
4	USB-C port	Connector jack for USB cable
5	3.5 mm jack	Connector jack for connector cable
6	Built-in microphone	Receives voice input when talking on the phone or using voice assistant.
7	Control knob	Push upwards, downwards, sideways or press at the centre for playback controls, handling phone calls or voice assistant.

Charging the rechargeable battery



1. Use the enclosed USB cable to connect the USB-C port **4** of the headphones with a USB port on a PC or a USB power adapter.
   Depending on the current charging level, the LED **3** will pulse red (0–20 %), yellow (21–44 %) or green (45–99 %) during the charging process.
   The LED will illuminate in green for about 1 minute and then turn off as soon as the rechargeable battery has been fully charged.
   Depending on the output of the USB connection used, a full charge can take up to 2 hours.
2. Unplug the USB cable from the USB-C port of the headphones. The LED will turn off.

Notice:

On iOS and compatible Android devices, the charging level of the rechargeable battery for the headphones will also be shown. On some devices, you will need a battery widget to see the actual charging level.

Switching on or off

Press and hold the power button **2** for 2 seconds to switch on or off the headphones.

The LED **3** will show briefly the charging level of the rechargeable battery right after or before switching on or off, respectively.

LED	Charging level
Solid white for 3 seconds	45–100 % (high)
Solid yellow for 3 seconds	21–44 % (medium)
Pulsing red	11–20 % (low)
Flashing red quickly	1–10 % (very low)
Solid red for 3 seconds and then the headphones automatically power off	0 % (empty)

The rechargeable battery in your Teufel SUPREME ON has a running time of approx. 20 hours if the headphones are operated in Bluetooth mode.

During use, the LED does not illuminate unless there is a change in operation status.

The headphones will automatically switch off after 15 minutes without audio signals or user operation.

Establishing a Bluetooth connection

1. Press and hold the power button **2** for 2 seconds to switch on the headphones.
2. If the device list (memory) of the headphones is empty (there are no previously connected devices), the LED **3** will flash blue quickly.
   The headphones are now in the Bluetooth pairing mode and will emit a repeating acoustic signal.
   Notice:
   If the device list of the headphones is not empty (there are previously connected devices), the LED will pulse blue. The headphones are now in the connectable mode for automatic connection with previously connected devices if they are within the Bluetooth range (10 m). If you want to pair with a new device, double press the power button to activate the Bluetooth pairing mode.
3. Activate the Bluetooth feature on your device and select “Teufel SUPREME ON” from the list of available devices. The LED will illuminate in blue for about 3 seconds when pairing is successful. The headphones will also emit an acoustic signal.

Notice:

Bluetooth mode only works if no connector cable is connected to the 3.5 mm jack. As soon as the connector cable is connected, Bluetooth mode will be deactivated.

The headphones remember your last 7 paired devices and automatically connect with them when they are within the Bluetooth range (10 m).

If you want to permanently remove a paired device from the device list (memory) of the headphones, remove the Bluetooth pairing on your device while your device is being connected to the headphones.

To clear the device list, press and hold the power button for 8 seconds while the headphones are switched off until you see the LED flashes blue twice.

One-touch pairing

Bluetooth connection can also be easily established with a NFC-compatible smartphone through one-touch pairing.

1. Unlock the screen of your NFC-compatible smartphone.
2. Switch on the NFC function of the smartphone.
3. Place the smartphone near the NFC connection interface **1**.
4. Follow the on-screen instructions on the smartphone to complete pairing.

Simultaneous pairing of two devices (party mode)

The headphones allow simultaneous pairing of two devices. To do so:

1. Pair the headphones with the first device.
2. On the first device, disconnect the Bluetooth connection from the list of paired devices.
3. Pair the headphones with the second device.
4. On the first device, select “Teufel SUPREME ON” again from the list of paired devices.
   The headphones are now simultaneously paired with the two devices.

To switch between the two devices for playback, pause the playback on the first device and then start playback on the second one.

Using the headphones to make phone calls

The Teufel SUPREME ON features a built-in microphone **6**.

If the headphones are connected to your smartphone via Bluetooth, they can be used as a headset for making phone calls.

Music playback will be interrupted in the event of an incoming call and continued once the call is over.

The following functions are available:

Function	Operation
Accept incoming call/end the call	Press the control knob **7** once
Rejecting incoming call	Press the control knob twice

Using the headphones to use voice assistant

The Teufel SUPREME ON features a built-in microphone **6**.

If the headphones are connected to your smartphone via Bluetooth, press the control button **7** twice to use voice assistant (when not making a phone call).

Listening to music wirelessly

If your Teufel SUPREME ON is connected to a compatible smartphone or music player, you can control the music playback via the headphones.

The following functions are available:

Function	Operation
Pause or resume playback	Press the control knob **7** once
Increase the volume	Push the control knob upwards
Decrease the volume	Push the control knob downwards
Skip to the next track	Push the control knob to the right
Skip to the previous track	Push the control knob to the left
Fast forward within a track	Push and hold the control knob to the right
Rewind within a track	Push and hold the control knob to the left

Smart pause

The headphones are equipped with proximity sensors for automatic pause and playback.

When the headphones are taken off, playback will be automatically paused. Playback will be resumed when the headphones are put on again.

Notice:

To disable this feature: Press and hold the control knob **7** for 8 seconds until you see the LED **3** illuminates in red for 2 seconds.

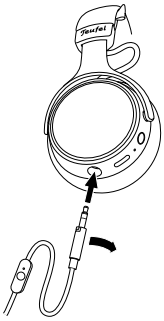
To enable this feature again: Press and hold the control knob for 8 seconds until you see the LED illuminates in white for 2 seconds.

Sharing music between two sets of headphones

The Teufel SUPREME ON is equipped with ShareMe™ feature and can share music between two sets of Teufel SUPREME ON headphones wirelessly and simultaneously.

1. Establish a Bluetooth connection on the first set of headphones.
2. Start music playback on the first set of headphones.
3. Press the power button **2** and the control knob **7** at the same time for 2 seconds on the first set of headphones.
   The LED **3** flashes purple quickly and the headphones will also emit an acoustic signal.
   The first set of headphones is now ready to connect to the second set of headphones.
4. Switch on the second set of headphones and then press the power button and the control knob at the same time for 2 seconds.
   The LED flashes purple quickly and the headphones will also emit an acoustic signal.
   Notice:
   Make sure that the music is paused on the second headphone if it is already connected to a smart device.
5. When connection of the two sets of headphones is successful, both sets of headphones will emit an acoustic signal and the LED will illuminate in purple for 2 seconds. The music on the first set of headphones will then be shared with the second set. Playback controls can be done on either set of headphones.
6. To end music sharing, press the power button and the control knob at the same time for 2 seconds on either set of headphones.
   Both sets of headphones will emit an acoustic signal when music sharing is ended.

Using the connector cable



Connecting the cable

1. The enclosed connector cable has two 3.5 mm jack plugs. Insert the notched 3.5 mm jack plug into the 3.5 mm jack **5** of the headphones. Make sure the cable remote control is closer to the headphones than to your audio system or smartphone.
2. Turn the jack plug clockwise to securely lock the jack plug to the headphones.

3. Connect the other jack plug of the connector cable to the 3.5 mm jack of your audio system or smartphone.
4. To disconnect the connector cable from the headphones, turn the jack plug counterclockwise to unlock the jack plug from the connection. Then gently pull the jack plug away from the 3.5 mm jack.

Notice:

The Bluetooth function will automatically end once the headphones are connected via the 3.5 mm jack plug.

Using the remote control

The remote control on the connector cable features a built-in microphone and a control button for making phone calls, using voice assistant and controlling music playback.

The following functions are available:

Function	Operation
Accept incoming call/end the call	Press the control button once
Rejecting incoming call	Press the control button for 2 seconds
Activate voice assistant (e.g. Siri)	Press and hold the control button
Pause or resume playback	Press the control button once
Skip to the next track	Press the control button twice
Skip to the previous track	Press the control button three times

The Teufel Headphones App

You can use the Teufel Headphones App to conveniently control many functions of your Teufel SUPREME ON headphones via smartphone or tablet.

Load the app here:

Teufel Headphones App

in the Apple App Store

Available on the App Store

Teufel Headphones App

in the Google Play Store

ANDROID APP ON Google play

LED indications

During use, the LED **3** does not illuminate unless there is a change in operation status. Refer to the table below for the most frequent LED indications.

LED	Status
Solid green for 1 minute	Battery is fully charged.
Flashing red quickly	Charging level is low.
Flashing blue quickly	Ready for Bluetooth pairing

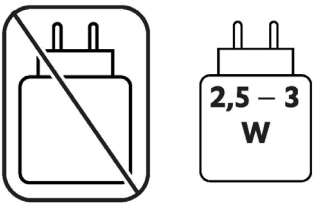
LED	Status
Pulsing blue	Ready for connection with previously connected devices (connectable mode)
Solid blue for 3 seconds	Bluetooth connection is successful.
Flashing blue twice	The device list (memory) is cleared.
Flashing white once	A call has been answered, rejected or ended. Voice assistant has been activated/ deactivated. Playback has started. Track has been skipped. Volume has been changed.
Pulsing white	Playback is paused or sound output is muted.
Solid red for 2 seconds	Smart pause is deactivated.
Solid white for 2 seconds	Smart pause is activated.
Flashing purple quickly	Ready for ShareMe™ connection
Solid purple for 2 seconds	Successful ShareMe™ connection

Technical data

Driver unit:	ø 40 mm
Power supply:	rechargeable lithium ion battery, 3.7 V, 500 mAh
Max. power:	11 mW
Impedance:	26 Ω
Sensitivity at 1 kHz 1 mW:	98 ± 3 dB
Frequency response:	20–20000 Hz

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 3 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.

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 can be found at this web address:

www.teufel.de/konformitaetserklaerungen

www.teufelaudio.com/declaration-of-conformity

The following radio frequency bands and radio transmitting powers are used in this product:

Radio network: Bluetooth
Frequency band: 2402–2480 MHz
Transmission power: 5 mW/7 dBM

Radio network: NFC
Frequency band: 13.56 MHz

Troubleshooting

The following advice should help you to solve problems.

If this does not help, you will find useful information in the detailed FAQs on our website. Otherwise, please contact our hotline (see page 1).

Problem	Possible cause	Solution
No audio playback.	The connector cable is not properly connected.	Properly connect the connector cable with the headphones.
	There is no Bluetooth connection.	Establish a Bluetooth connection.
		Go within the Bluetooth range (10 m).
	Volume has been set too low.	Increase the volume on the external player and/or headphones.

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

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