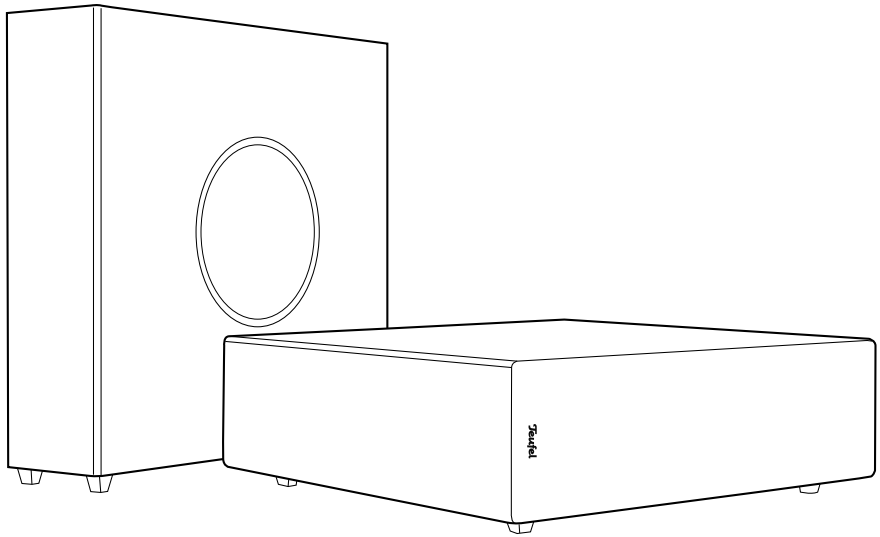


# Technical Description And User Manual



**Universal Subwoofer T6**

**Teufel**

# Content

---

General Notes And Information.....	3	Troubleshooting.....	13
Unpacking.....	8	Technical Data.....	13
Setup And Connection .....	10	Declaration Of Conformity .....	14
Operation.....	11	Disposal.....	14

# General Notes And Information

---

## Notice

The information in this document may change without prior notice and in no way constitutes any liability on the part of Lautsprecher Teufel GmbH.

No part of this user manual may be reproduced in any form or be broadcasted in any way electronically, mechanically, by photocopy or recording without the written permission of Lautsprecher Teufel GmbH.

© Lautsprecher Teufel GmbH

Version 2.0

January 2022

## 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 the return of the speakers 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 side of the device,  
e.g. serial no.: KB20240129A-123.

Thank you for your support!

## 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: +44 3308080489

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

Online support:

<http://teufelaudio.com/service>

Contact form:

<http://teufelaudio.com/contact>

## Proper use

The active subwoofer is designed for the playback of low audio signals from an external player.

Only use the subwoofer 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 persons.

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

The subwoofer is intended for private use.



Before operating the product for the first time, please read the safety notes and user manual carefully. Only in this way, can you ensure that all functions are used in a safe and reliable manner. Keep the enclosed documents in a safe place and also be sure to pass it on to any subsequent owner.

## Explanation of terms

You can find the following signal terms in this user manual:

### **WARNING**

*This signal term indicates a moderate risk, which, if not avoided, may result in death or severe injury.*

### **CAUTION**

*This signal term indicates a low risk, which, if not avoided, may result in minor or moderate injury.*

### **NOTICE**

*This signal term warns you of potential damage.*

## Safety notes

This chapter contains general safety notes which you should always observe to protect yourself and third parties. Also observe the warning notes in each chapter of this user manual.

### WARNING

#### **Touching live parts can result in severe injury or death.**

- When connecting the device, make sure that the correct voltage is present. You can find more information about this on the rating plate.
- Check the device regularly for damage. Immediately disconnect the mains plug and do not operate the device if its housing or mains cord is defective or exhibits other visible damages.
- If the mains cord of the device is damaged, immediately replace it with an equivalent one.
- This device can only be completely disconnected from the grid by pulling the mains plug. Thus, make sure that the mains plug is always easily accessible.
- If the device emits smoke, smells burnt or produces unusual sounds, immediately disconnect it from the mains and do not operate it further.
- Never open the device housing. Repairs may only be carried out by

an authorised specialist workshop. Only parts that match the original specifications may be used.

- Only use the accessory products specified by the manufacturer.
- Only use the device indoors.
- Do not operate the device in wet rooms and protect it from dripping and splashing water. Make sure that no vases or other liquid-filled objects are located on or near the device in order to prevent liquid from penetrating the housing. If water or any foreign objects have entered the housing, immediately disconnect the mains plug and send the device to our service address.
- Never modify the device. Unauthorised modifications may affect the safety and functionality.
- Never touch the mains plug with wet hands.

### WARNING

#### **An unsuitable setup location may result in injury and damage.**

- If the subwoofer is not securely mounted, do not use it in vehicles, in unstable locations, on wobbly tripods or furniture, on underdimensioned brackets etc. The subwoofer may tip or fall over and cause injury to persons or be damaged itself.
- Place the subwoofer in such a way that it cannot be knocked over inadvertently and make sure that the cables do not pose a tripping hazard.

- Do not place the subwoofer near heat sources (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).
- Do not use the subwoofer in environments where there is a risk of explosion.
- Only use the wireless function in locations where wireless radio transmission is allowed.

**⚠ WARNING**

**An unstable base may cause the unit to tip and injure or even kill persons, children are particularly at risk. You can prevent a large number of accidents by taking the following precautions:**

- Only place the subwoofer on the floor.
- If you want to use underframes or speaker stands, only use those recommended by the manufacturer.
- When stowing the subwoofer, also ensure a safe stance and make sure that it can not be pulled down or knocked over.

**⚠ WARNING**

**Children can become trapped in the plastic wrapping when playing and suffocate.**

- Do not allow children to play with the device or the plastic wrapping. There is a danger of suffocation.
- Ensure that children do not remove small parts from the device or take them off of the device (e.g. control knobs or plug adapters). They could swallow the parts and choke.
- Never allow children to operate electrical equipment unsupervised.

**⚠ WARNING**

**This product contains magnetic material.**

- If necessary, consult your physician and ask for effects on implants such as pacemakers or defibrillators.

 **CAUTION**

**Extended listening at high volumes may lead to hearing loss.** To avoid damage to health, avoid extended listening at high volumes.



- When the volume is set high, always keep a certain distance from the device and never place your ears directly on the speaker.
- If a speaker is set to full volume, this may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source device volume control to a low setting before turning on the power.

**NOTICE**

**The isolation pads can produce discolouration on sensitive surfaces.**

- On parquet, varnished wood and similar surfaces, you should stick felt gliders to the rubber feet of the subwoofer or put blankets or small carpets under them. This will prevent discolouration of the floor over the long term.

## Explanation of symbols

	Protection class II Dual insulation
	Risk of electrical shock – do not open the housing. Disconnect the mains cord before changing a fuse.

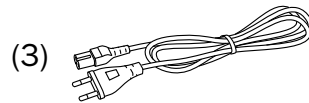
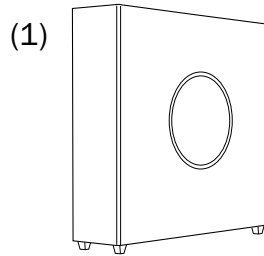
# Unpacking

---

## Package contents

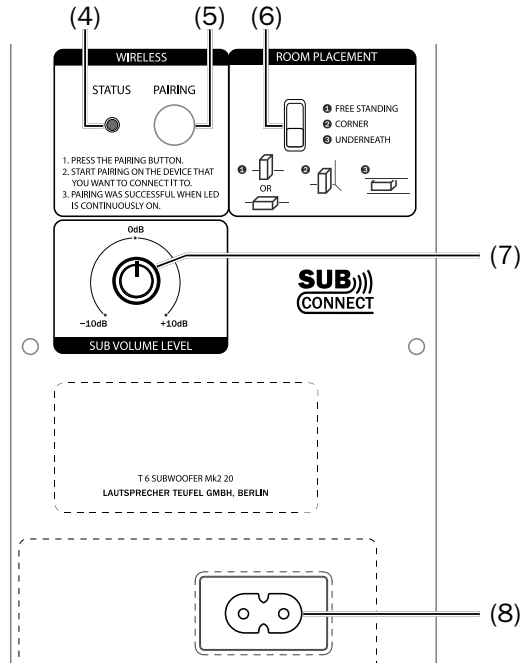
- (1) Subwoofer
- (2) 4× isolation pads
- (3) 1× mains cord

- Check that all items have been delivered and that nothing is damaged. If you find any damage, do not operate the device; instead contact our customer service department (see back side).
- Please keep the packaging for the duration of the warranty period.





# Connections, operational controls and indicators



- (4) STATUS LED: Indicates the current operational mode.
- (5) PAIRING button: Establish a wireless connection to the external player (see section “Establish a wireless connection” on page 11).
- (6) ROOM PLACEMENT switch: Select the ideal equalizer setting depending on the setup location (see section “Setup” on page 10).
- (7) SUB VOLUME LEVEL control: Adjust the volume of the subwoofer.
- (8) POWER: Input jack for the mains cord

# Setup And Connection

## Setup

There are three different ways to place the subwoofer. Set the ROOM PLACEMENT switch (6) to the correct position according to the selected location.

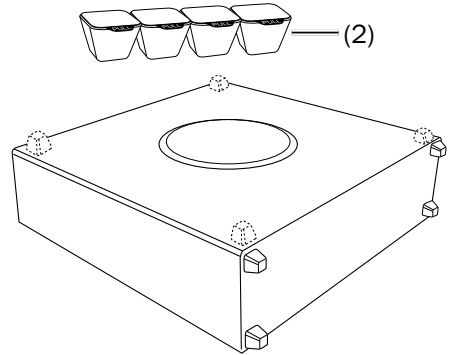
- Free-standing with the diaphragm facing sideways or lying with the diaphragm facing downwards (downfire): pos. 1.
- Upright in a corner; the angle between the diaphragm and the wall should amount to approx. 45°: pos. 2.
- Lying under a piece of furniture with the diaphragm facing downwards (downfire): pos. 3.

In the downfire position, the subwoofer projects the sound waves directly towards the ground. The sound waves are directly reflected and thus produce a uniform signal in the entire room.

If the subwoofer is in a free-standing position in the room, the bass reaches your ear via the shortest path so it is particularly precise and crisp.

If you set up the subwoofer in the corner of a room, make sure to set the ROOM PLACEMENT switch (6) to position 2. Otherwise, uncontrollable frequency rises may occur.

You can find more information in the Teufel blog at <https://blog.teufel.de/downfire-subwoofer-wenn-der-bass-den-boden-nutzt/>



- Depending on the type of setup, stick the isolation pads (2) to the bottom of the subwoofer or to the side with the diaphragm.

## Connecting

- Insert the small plug of the mains cord (3) in the input jack (8) and the big plug in a mains socket (220 – 240V~ / 50Hz). The STATUS LED (4) pulses in white. If the subwoofer was already connected to a device, the connection will be re-established. Otherwise, the subwoofer will automatically switch to pairing mode.

# Operation

## Establish a wireless connection

Switch your subwoofer and your wireless-compatible soundbar or also the subconnect transmitter on. The STATUS LED (4) will blink and the devices will now automatically connect. An existing connection is indicated by the continuously illuminated STATUS LED (4).

- If the connection is not established automatically or the connection is interrupted, push the PAIRING button (5).  
The STATUS LED (4) blinks.
- Perform the corresponding steps for your soundbar to establish the connection.

## STATUS LED

The STATUS-LED (4) indicates the current operational mode.

STATUS LED	Operating mode
Continuously illuminated in red.	Standby
Continuously illuminated in white.	Connected
Pulses in white every 3 seconds.	Connected but not receiving any audio signal. (Only with CB11 NG or newer soundbars.)
Flashes in white twice every 3 seconds.	Subwoofer is on but not connected. The subwoofer switches to standby after 10 minutes.
Flashes in white quickly.	Pairing mode. Device is searching for a compatible soundbar. After successful pairing, the STATUS LED is continuously illuminated in white.
Flashes alternating between red and white.	Subwoofer is reset to the factory default.

## Reaction to the actuation of the operational controls

Button/switch	Status LED	Meaning
Briefly push the PAIRING button (5).	Flashes in white.	Pairing mode. Device is searching for a compatible soundbar.
Push and hold the PAIRING button (5).	Flashes alternating between red and white.	Subwoofer is reset to the factory default and switches to pairing mode afterwards.
Change the setting of the ROOM PLACEMENT switch (6).	Pulses in white once.	This indicates the switching process.
Change the volume with the SUB VOLUME LEVEL control (7).	+10 dB: 100 % brightness 0 dB: 60 % brightness -10 dB: 20 % brightness	This indicates the set volume. The subwoofer should be „easily heard“. However, it should not drone.

## Other functions

### Standby

The subwoofer automatically switches to standby in the following cases:

- The connected soundbar is switched off or to standby.
- As soon as a corresponding radio signal is received by a soundbar, the subwoofer and the soundbar will switch to standby.
- The subwoofer was switched on (e.g. manually by the user, after a reset to the factory default or after first activation), but it is not connected to a soundbar. The switch to standby takes place 10 minutes after activation if there's no interaction with the device or no connection to a soundbar.

### Automatic activation

Switching on the connected soundbar also activates the subwoofer.

When a soundbar receives a corresponding radio signal, the subwoofer activates.

Actuating any operational control activates the subwoofer.

# Troubleshooting

The following advice should help you to solve problems. If this does not work, our online manual will provide help:

<https://manual.teufelaudio.com>

Problem	Possible cause/solution
The STATUS LED (4) is not illuminated.	Make sure that power is supplied. Check to make sure that the mains cord is securely seated.
The transmission is disrupted.	Other wireless signal sources (cordless telephones, Wi-Fi stations or microwaves) affect the connection. Move the devices causing the disturbance.

## Technical Data

Operating voltage:	220–240 V~ / 50 Hz
Max. power consumption:	120 W
Dimensions (W × H × D):	124.5 × 420 × 435 mm
Weight:	7.58 kg

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

Radio network	Frequency bands in MHz	Max. transmission power in mW/dBm
Avnera	2405.35-2477.35	1/0

You can find further technical data about the product on our website.

# Declaration Of Conformity

---



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

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

## Disposal

---

### **Important information in accordance with the Electrical and Electronic Equipment Act (Germany: ElektroG)**

We advise owners of electrical and electronic appliances that old electrical and electronic devices must be handed in separately from municipal waste, in accordance with the applicable regulations. Batteries and rechargeable batteries that are not firmly enclosed in old electrical devices and lamps, and that can be removed from the old device without destroying them, must be separated from them in a non-destructive manner before they are handed to the collection point for their intended disposal. Please take note of our information on the Batteries Act [Germany: BattG] below for disposing of batteries.

You make an important contribution to returning, recycling and further processing of old devices if you separate your old devices into the correct collection groups for recycling.

The symbol below of a crossed-out dustbin, applied to electrical and electronic appliances, also advises of the duty to separate collections:



Consumer electronics stores and supermarkets are obliged, under certain conditions, to take back old electrical and electronic devices, in accordance with section 17 of the Electrical and Electronic Equipment Act. Stationary retailers must take back an old electrical device of the same type when a new electrical device is bought (1:1 return). This also applies to home deliveries. These retailers must also take back up to three small old electrical

devices ( $\leq 25\text{cm}$ ) without this being linked to a new purchase (0:1 return).

In accordance with the Electrical and Electronic Equipment Act, as online retailers of electrical devices and due to our product range, our obligation is limited to 1:1 return of large devices of  $> 50\text{ cm}$  when selling a new electrical or electronic device of the same type. We comply with the obligation of return of devices other than large devices through our service provider. You can find the exact contact data and collection points on our website [www.Teufel.de/entsorgung](http://www.Teufel.de/entsorgung). It is also possible to return old electrical and electronic appliances free of charge at an official delivery point run by the public waste disposal authorities.

**Important:** For safety reasons we ask that you refrain from sending lighting fixtures (some lamps). For return of lighting fixtures please use the public waste disposal collection points or contact us directly at [www.Teufel.de/entsorgung](http://www.Teufel.de/entsorgung).

As an end-user, you are responsible for deleting any personal data on old electrical appliances before handing it in.

**Important:** Our appliances can contain batteries/rechargeable batteries. If this is the case, please refer to its attached product documentation for additional information on the type and chemical make-up of the battery. For products with battery compartments you can directly remove the batteries or rechargeable batteries and dispose of them properly. If the batteries are built in to the

product, do not in any case attempt to remove the batteries yourself, instead contact one of our employees or appropriate specialist staff.

# Teufel

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

Lautsprecher Teufel GmbH  
BIKINI Berlin, Budapester Straße 44  
10787 Berlin (Germany)  
[www.teufelaudio.com](http://www.teufelaudio.com)

Phone: 00800 200 300 40 (toll-free)  
Fax: +49 (0)30 - 300 930 930  
Online-support:  
[www.teufelaudio.com/service](http://www.teufelaudio.com/service)  
Contact:  
[www.teufelaudio.com/contact](http://www.teufelaudio.com/contact)

No responsibility is assumed for the correctness of this information.  
Technical changes, typographical errors and other errors reserved.