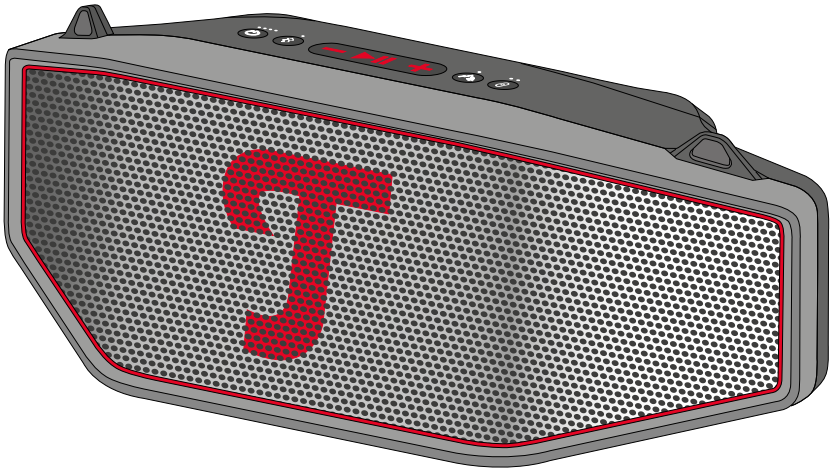
Technical description and user manual



ROCKSTER®

ROCKSTER® CROSS 2

Water-Protected Active Bluetooth® Loudspeaker

Download on the App Store

GET IT ON Google Play

Teufel

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Basic notes and information

For your information

The information in this document is subject to change without notice and does not constitute any obligation on the part of Lautsprecher Teufel GmbH.

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Teufel ROCKSTER® CROSS 2 UM EN V1.3 PD

Applicability of the user manual

This user manual applies exclusively to the **ROCKSTER® CROSS 2** loudspeaker, hereinafter also referred to as the "loudspeaker".

Trademark

© All trademarks are the property of their respective owners and any use by Lautsprecher Teufel is under licence.

Bluetooth®

The Bluetooth® trademark and the Bluetooth logo are registered brands of Bluetooth SIG, Inc., and any use of these brands by Lautsprecher Teufel is under licence.

Data protection and advertising declaration

Lautsprecher Teufel GmbH has no connection with the services of the Google Assistant system. We do not store any personal data and are not involved in any promotional mailings.

Original packaging

If you wish to make use of your right of return, we must ask you to keep the packaging.

We can only take back loudspeakers in their original packaging.

Empty cardboard boxes are not available.

Complaint

In the event of a complaint, we absolutely require the following information for processing:

1. Invoice number

- Please refer to the proof of purchase (enclosed with the loudspeaker), or the order confirmation that you received as a PDF document.

2. Serial number

- Refer to the rear of the loudspeaker.

Contact

If you have any questions, suggestions or criticisms, please contact us at:

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

Tel.:

Germany: +49 (0) 30 217 84 217
Austria: +43 12 05 22 3
Switzerland: +41 43 50 84 08 3
International: 00800 200 300 40 (toll-free)

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

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

Intended use

The loudspeaker is designed to play music and speech via Bluetooth® or a cable from an external player. Only use the loudspeakers as described in this user manual.

Any other use is deemed to be improper and may result in material damage or even personal injury.

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

The loudspeaker is intended for use in the private sphere.

Before starting up the loudspeaker:

- ▶ Read the user manual and safety booklet carefully.
- ▶ Keep the instructions in a safe place so that they can be passed on to third parties.
  - ▶ When passing on the loudspeaker, also pass on the instructions.

Explanation of warnings

Handling-related warnings precede handling steps that may result in a hazard.

The warnings are grouped into different risk categories depending on the seriousness of the respective hazard.

The hazard levels with the corresponding signal words are explained below.

⚠ WARNING

Possible danger to life or serious injury.

ATTENTION

Possible material damage.

NOTE

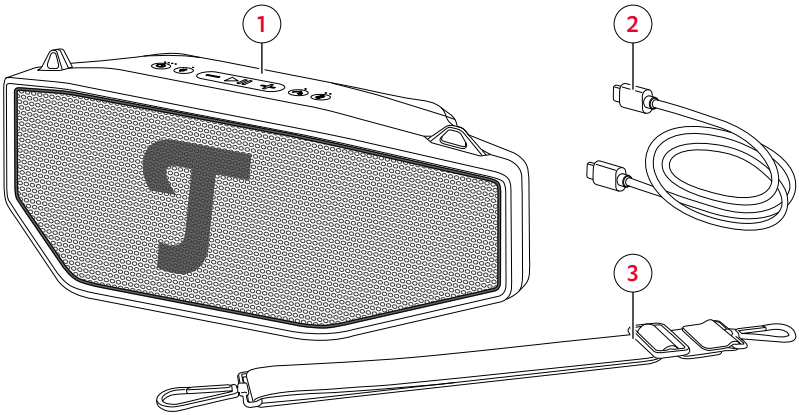
Additional information and tips.

Scope of supply

Unpacking the loudspeakers

- Open the box carefully, remove the packaging and carefully lift the loudspeaker out of the box.

Checking the scope of supply



Scope of supply

(1) ROCKSTER® CROSS 2

(2) USB-C cable

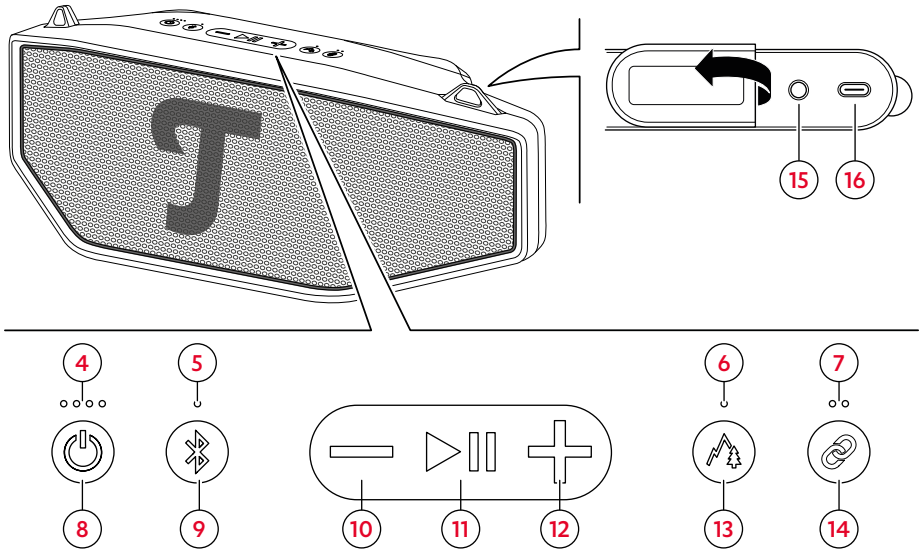
(3) Carrying strap

NOTE

A charging adapter is not included in the delivery scope.

- Check the scope of supply for completeness.
- Check the scope of supply for damage.
- Keep the original packaging during the warranty period.

Operating and display elements



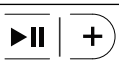
Operating and display elements on the loudspeaker

No.	Screen	
(4)	Battery status LEDs	→ *Displaying charging progress – p. 20*
		→ *Displaying charge level – p. 20*
(5)	Source status LED	→ *Source indicator – p. 16*
(6)	Sound mode LED	→ *Outdoor sound mode – p. 18*
		→ *Power saving mode (Eco mode) – p. 22*
(7)	Party Link LEDs	→ *Party Link – p. 23*

Legend (actuation):

- ● = press 1×
- ●● = press 2×
- 1.5 s = press and hold (1.5 s)
- 4 s = press and hold (4 s)
- 8 s = press and hold (8 s)
- HOLD = press and hold

No.	Button / connection	Function	Actuation
(8)		→ *Switching on and off – p. 15*	1.5 s
		→ *Displaying charge level – p. 20*	●
(9)		→ *Setting the playback source – p. 15*	●
		→ *Pairing Bluetooth® devices – p. 11*	1.5 s
		→ *Deleting the Bluetooth® list – p. 12*	8 s
(10)		Decrease the volume → *Adjusting the volume – p. 18*	● | HOLD
(11)		→ *Pausing and restarting/muting playback – p. 17*	●
(12)		Increase the volume → *Adjusting the volume – p. 18*	● | HOLD
(13)		Activate/deactivate Outdoor sound mode → *Outdoor sound mode – p. 18*	●
		Activate/deactivate Eco mode → *Power saving mode (Eco mode) – p. 22*	4 s | ●
(14)		Activate Party Link → *Party Link – p. 23*	1.5 s
		Activate Party Link Stereo → *Party Link Stereo – p. 24*	● ●
(15)	AUX	→ *AUX (analogue) – p. 13*	Plug-in
(16)	USB	→ *PC sound card function (USB) – p. 12*	Plug-in
		→ *Using a power bank – p. 21*	Plug-in
		→ *Charging the battery – p. 19*	Plug-in

No.	Button combination*	Function	Actuation
(10) | (11)		→ *Playing the previous track – p. 17*	●
(11) | (12)		→ *Playing the next track – p. 17*	●
(14) | (10)		Deactivate Party Link → *Party Link – p. 23*	1.5 s
		Deactivate Party Link Stereo → *Party Link Stereo – p. 24*	
(8) | (14)		→ *Resetting to factory settings – p. 27*	8 s

* With button combinations, both buttons must be pressed simultaneously.

NOTE

The loudspeaker can also be tilted backwards so that the sound is aimed diagonally upwards.

► Make sure that no plugs are connected to the loudspeaker.

1. Carry the loudspeaker carefully to the place of installation.
→ *Notes on the place of installation – p. 10*
2. Place the loudspeaker on a stable, level surface.
   ► Make sure that the loudspeaker is resting firmly in a stable position to prevent vibrations.

☑ **The loudspeaker is set up.**

Notes on the place of installation

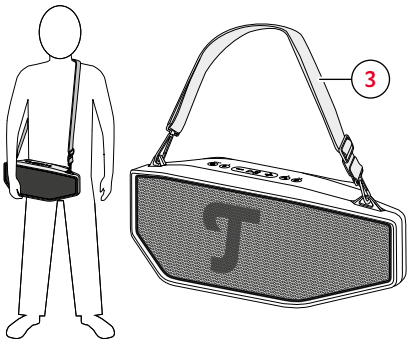
- Dry, dust-free environment.
- Avoid proximity to heat sources and direct sunlight.
- Connected cables (e.g. charging cables) must not present a tripping hazard.

Carrying strap

With the carrying strap **(3)**, the loudspeaker can be carried like a bag.

NOTE

Only use the carrying strap if no plugs are connected to the loudspeaker.



Attaching the carrying strap

1. Turn the screw caps on both snap hooks in the anti-clockwise direction until the snap hooks open.
2. Attach the snap hooks to the two eyes on the loudspeaker.
3. Turn the screw caps on both snap hooks in the clockwise direction.

☑ **The carrying strap (3) is attached.**

Connecting external players

Depending on the respective playback source, a cable connection or wireless connection to the loudspeaker must be established so that the loudspeaker can emit the audio signal from the playback source.

Bluetooth®

A compatible external player is connected wirelessly to the loudspeaker via Bluetooth®.

NOTE

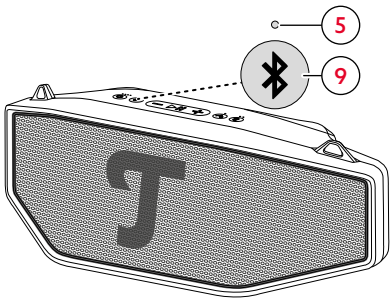
Only use the Bluetooth® function in places where wireless radio transmission is permitted.

Pairing Bluetooth® devices

Coupling (pairing) connects the external player with the loudspeaker.

NOTE

Up to 7 external players can be stored and automatically connected without pairing again.



Changing the playback source

1. Activate the Bluetooth® function on the external player.
2. Press and hold button ✱ **(9)** for 1.5 seconds.

   The source status LED **(5)** flashes blue.

☑ **Bluetooth® pairing mode is activated.**

3. Search for Bluetooth® devices on the external player.
   - ▶ Follow the user manual of the external player.
4. Select the "ROCKSTER CROSS 2" loudspeaker in the list of Bluetooth® devices.

   The source status LED **(5)** lights up continuously blue.

☑ **The pairing procedure is complete. The Bluetooth® device is connected to the loudspeaker.**

- ▶ Use the loudspeaker as the output device.

Disconnecting the Bluetooth® connection

- ► Deactivate the Bluetooth® function on the external player.

☑ **The Bluetooth® connection has been disconnected.**

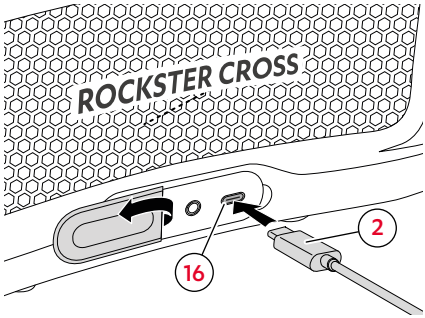
Deleting the Bluetooth® list

- ► Press and hold button ᛒ **(9)** for 8 seconds.

  A signal tone sounds and the source status LED **(5)** flashes blue once.

☑ **The Bluetooth® list has been deleted.**

PC sound card function (USB)



USB connection

The loudspeaker has an integral USB sound card for audio output. You can connect a compatible external player to the loudspeaker via the USB port **(16)** using the USB-C cable supplied **(2)**.

- ► Connect the external device to the loudspeaker using the USB-C cable supplied **(2)**.

  The source status LED **(5)** lights up continuously white.

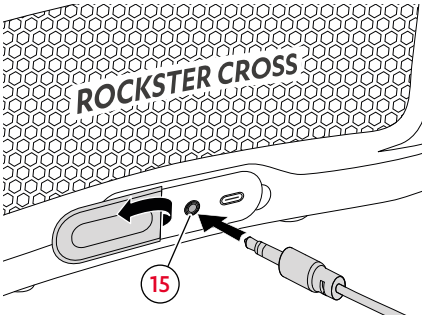
☑ **The external USB player is connected to the loudspeaker.**

- ► Use the loudspeaker as the output device.

NOTE

Bluetooth® playback is not possible during playback via the USB port.

AUX (analogue)



Stereo cable connection with 3.5 mm jack plug

A compatible external player is in analogue connection with the loudspeaker via AUX.

AUX playback

1. Open the dust protection cap at the rear of the loudspeaker.
2. Connect the external player to the AUX socket **(15)** using a stereo cable with a 3.5 mm jack plug.

☑ **If a signal is present, the loudspeaker switches to AUX playback automatically.**
The source status LED (5) lights up continuously orange.

3. Control the playback via the external player.

☑ **The loudspeaker plays the track from the external player.**

NOTE

Any external player that has an AUX connection can be connected.

NOTE

You can find a suitable cable for this in our web store.

Mute (AUX playback)

- ▶ Press button ▶II **(11)**.

☑ **Playback is muted.**

- ▶ Press button ▶II **(11)** again.

☑ **Playback is unmuted.**

Teufel Go app

The loudspeaker can be set up in the Teufel Go app. The loudspeaker can also be operated via the app.

1. Download the Teufel Go app.

2. Switch on the loudspeakers.
→ *Switching on and off – p. 15*
3. Follow the instructions in the app.

☑ **The loudspeaker is set up in the app.**

NOTE

The loudspeaker can also be used independently of the Teufel Go app.

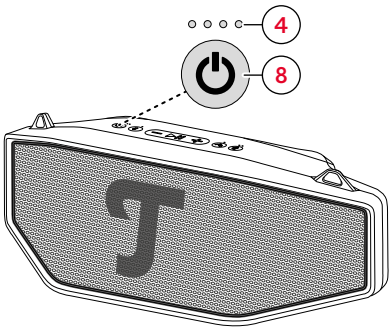
Functions of the Teufel Go app

The Teufel Go app can be used for the following functions:

- Party Link: Connect the loudspeaker to up to 100 compatible loudspeakers via Bluetooth® to form a loudspeaker chain.
- Party Link Stereo: Use two loudspeakers of the same model via Bluetooth® in stereo L / R mode.
- Setting/changing the playback source.
- Setting the volume.
- Setting the equaliser and sound mode.
- Charging status and charging process indicator.
- Activating the automatic shutdown function (Auto Off).
- Switching system sounds on/off.
- Adjusting the LED brightness.
- Switching the multipoint connection on/off.
- Updating the firmware

Operation

Switching on and off



Switching on and off

- ▶ Press and hold button ⏻ **(8)** for 1.5 seconds.

  The loudspeaker turns on with a beep. The battery status LEDs **(4)** indicate the current charge level
  → *Displaying charge level – p. 20*.

- ☑ **The loudspeaker is switched on.**

- ▶ Press and hold the button ⏻ **(8)** again for 1.5 seconds.

  The loudspeaker turns off with a beep. The battery status LEDs **(4)** go out.

- ☑ **The loudspeaker is switched off.**

NOTE

If the loudspeaker does not switch on or switches off again shortly after switching on.
→ *Troubleshooting – p. 26*

Auto-Off

After 10 minutes without an input signal, the loudspeaker will switch off automatically.

NOTE

The automatic switch-off time (Auto Off) can be adjusted via the Teufel Go app.

Setting the playback source

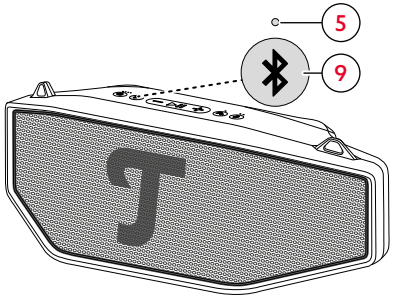
NOTE

The playback source can also be set/changed via the Teufel Go app.
→ *Teufel Go app – p. 14*

NOTE

The loudspeaker detects the active source automatically, provided that it was set up earlier and that there is a signal.

Source indicator



Changing the playback source

When a playback source is connected, the source status LED **(5)** lights up permanently in the corresponding colour.

Playback source		
Bluetooth®	USB	AUX
●	○	●
Source status LED (5)		

Changing the playback source

- ► Press button ✱ **(9)** to toggle between the connected playback sources (> Bluetooth® > USB > AUX >).

  The source status LED **(5)** lights up in the respective colour.

☑ **The playback source has been set.**

Setting Bluetooth® as the playback source

- ► Press button ✱ **(9)**.

  The source status LED **(5)** lights up continuously blue.

☑ **Bluetooth® has been set as the playback source. The loudspeaker automatically searches for devices that have already been paired (Bluetooth® list). If the loudspeaker registers such as device in its vicinity, it automatically tries to make the connection with this device.**

Setting AUX as the playback source

An external AUX player is automatically set as the playback source as soon as it is connected. → *AUX (analogue) – p. 13*

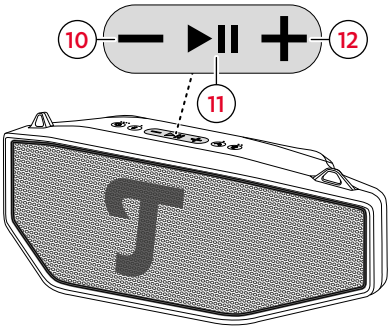
The source status LED **(5)** lights up continuously orange.

Setting USB as the playback source

An external USB player is automatically set as the playback source as soon as it is connected.
→ *PC sound card function (USB) – p. 12*

The source status LED **(5)** lights up continuously white.

Controlling playback



Controlling playback

Starting playback

- Start playback via the connected player (Bluetooth® device or USB device).

Pausing and restarting/muting playback

- Press button ▶II (11).
- ☑ **Playback is paused/muted (depending on the source).**
- Press button ▶II (11) again.
- ☑ **Playback continues/muting is cancelled (depending on the source).**

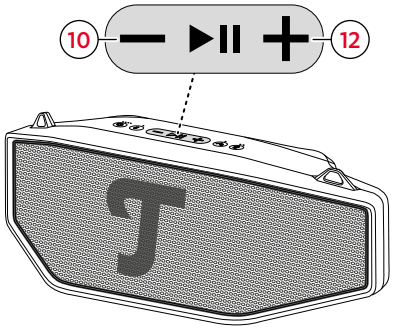
Playing the previous track

- Press button combination — (10) | ▶II (11).
- ☑ **The current track is started from the beginning. (If the track has been played for more than 3 seconds.)**
- ☑ **The previous track is started. (If the track has been played for less than 3 seconds.)**

Playing the next track

- Press button combination ▶II (11) | + (12).
- ☑ **The next track is started.**

Adjusting the volume



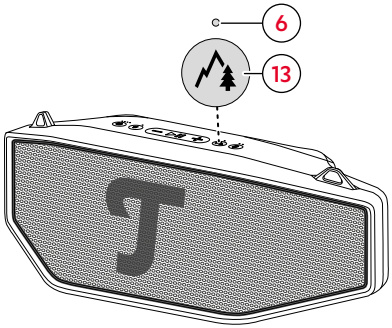
Adjusting the volume

NOTE

The volume setting on the external player also affects the loudspeaker's volume.

- ▶ Press button — **(10)**.
  - ▶ To gradually change the volume (faster), press and hold button — **(10)**.
- ☑ **The volume is lowered.**
- ▶ Press button + **(12)**.
  - ▶ To gradually change the volume (faster), press and hold button + **(12)**.
- ☑ **The volume is increased.**

Outdoor sound mode



Activate/deactivate Outdoor sound mode

Activating Outdoor sound mode

- ▶ Press button ⛰ **(13)**.

  The sound mode LED **(6)** lights up continuously white.
- ☑ **Outdoor sound mode is activated.**

Deactivating Outdoor sound mode

- ▶ Press button ⛰ **(13)** again.

  The sound mode LED **(6)** goes out.
- ☑ **Outdoor sound mode is deactivated.**

Power supply (battery)

Charging the battery

⚠ WARNING

Risk of injury from exploding batteries!

Batteries (especially lithium batteries) can explode if handled improperly.

- Do not heat, short-circuit or burn batteries.
- Protect batteries from direct sunlight.

ATTENTION

Risk of damage due to improper charging!

Improper charging may damage the loudspeaker or battery.

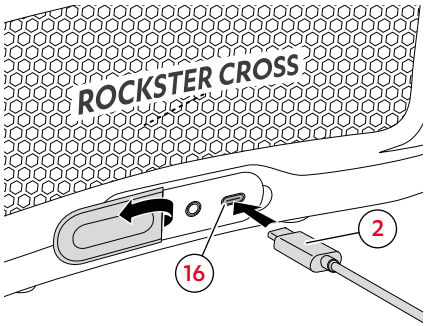
- Always use the supplied USB-C cable (2).

NOTE

When the battery is almost discharged, the loudspeaker emits two short warning tones several times and the first battery status LED indicator (5) flashes. If this happens, charge the loudspeaker immediately.

NOTE

To protect the battery, the loudspeaker has a deep discharge protection feature that switches off the device when the threshold is reached.



Charging cable connection

1. Open the dust protection cap at the rear of the loudspeaker.
2. Insert the USB-C plug on the supplied USB-C cable (2) into the USB port (16) on the loudspeaker.
3. Connect the power supply as follows:
   - Connect the USB-C cable (2) to the power supply using a suitable power adapter.

   or

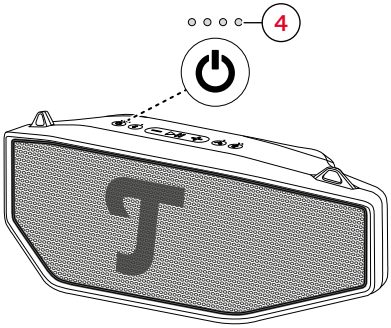
   - Connect the USB-C cable (2) to a suitable power supply device.

☑ **The battery is charging.**

NOTE

To charge the loudspeaker, we recommend the Lautsprecher Teufel Power Adapter 60 W USB-C/A PD060E-D1C1AVE. With this power adapter, the power consumption in off mode is below the limit of 0.5 W required by the Ecodesign Directive.

Displaying charging progress



Charge progress indicator

The battery status LEDs **(4)** display the current charging progress during the charging process.

Key:

○ = LED off

◉ = LED flashing

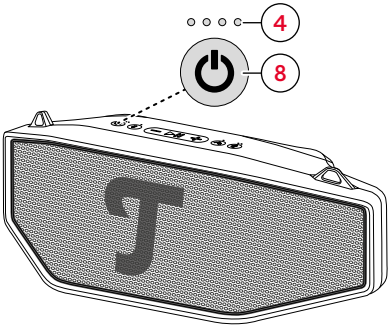
● = LED illuminated

Battery status LEDs	Charge level in %
◉ ○ ○ ○	0-25%
● ◉ ○ ○	26-50%
● ● ◉ ○	51-75%
● ● ● ◉	76-99%
● ● ● ●	100 %

NOTE

The fully charged battery allows an operating time of approx. 11 hours at medium volume.

Displaying charge level



Charge level indicator

The current battery charge level can be displayed by the battery status LEDs **(4)**.

- Press button ⏻ **(8)** while the loudspeaker is switched on.

☑ **The charge level is displayed.**

The number of illuminated LEDs indicates the current charge level.

Key:

○ = LED off

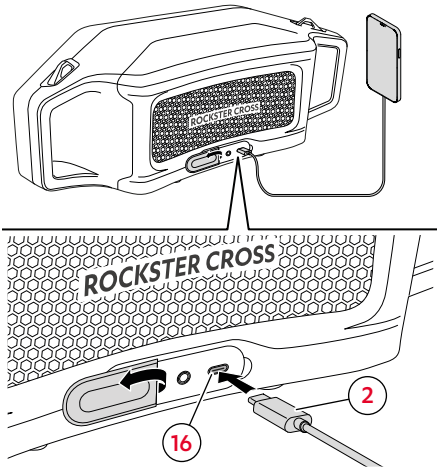
◉ = LED flashing

● = LED illuminated

Battery status LEDs	Charge level in %
◉ ○ ○ ○	0-10%
● ○ ○ ○	11-25%
● ● ○ ○	26-50%
● ● ● ○	51-75%
● ● ● ●	76-100%

Using a power bank

The USB-C port also serves as a power bank connection and can charge connected external players (e.g. smartphones).



Using a power bank

1. Open the dust protection cap at the rear of the loudspeaker.
2. Connect the USB-C cable **(2)** to the USB port **(10)** .
3. Connect the USB-C cable **(2)** to an external player, e.g. smartphone.

☑ **The external player is charged.**

NOTE

Using the power bank function shortens the operating time of the loudspeaker.

The power bank function continues even when the loudspeaker is in standby mode.

The maximum charging current is 1.5 A.

Requirements

- The loudspeaker is switched on and the battery charge level is at least 30%.
- The loudspeaker is in standby mode and the battery charge level is at least 30%.

NOTE

The requirements are met, but the external player does not charge.

→ Troubleshooting – p. 26

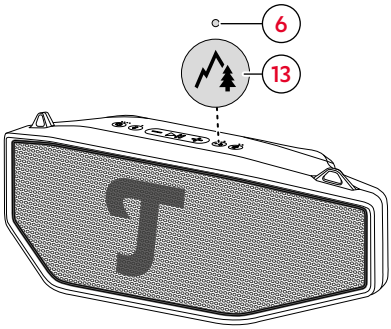
Power saving mode (Eco mode)

Activating Eco mode extends the battery life of the loudspeaker and increases the operating time by up to 80%.

- LEDs are dimmed.
- Maximum achievable volume is reduced.
- Playback of low bass is reduced.
- Equaliser function in the Teufel Go app is deactivated.

NOTE

Eco mode can be activated and deactivated via the Teufel Go app.



Activating/deactivating Eco mode

Activating Eco mode

► Press and hold button (13) for 4 seconds.

☑ **Power saving mode is activated. A signal tone sounds and the sound mode LED (6) lights up continuously green.**

Deactivating Eco mode

► Press button (13) again.

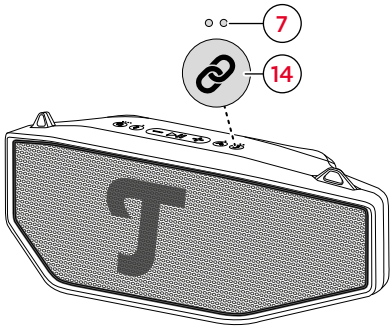
☑ **Power saving mode is deactivated. The sound mode LED (6) goes out.**

Other functions

Party Link

The loudspeaker can be connected to a chain of up to 100 compatible loudspeakers via Bluetooth®, e.g. to provide sound for a larger room.

The first loudspeaker acts as the broadcaster when the Party Link function is used. You can control playback for the entire loudspeaker chain from the broadcaster or make specific adjustments on each connected loudspeaker (e.g. volume settings).



Activating/deactivating Party Link

Activating the Party Link function

1. Connect an external player to the first loudspeaker via Bluetooth® or the USB port.
→ Connecting external players – p. 11
2. Press and hold button 🔗 **(14)** on the first loudspeaker for 1.5 seconds.
   The Party Link LEDs **(7)** flash purple.

☑ **Pairing mode is activated and the loudspeaker becomes the broadcaster in Party Link mode.**

3. Switch on another loudspeaker (receiver).
→ Switching on and off – p. 15
4. Press and hold button 🔗 **(14)** on the loudspeaker which has not yet been connected for 1.5 seconds.
   The Party Link LEDs **(7)** on the receiver flash white.

☑ **The loudspeaker (receiver) is connected to the broadcaster. All paired loudspeakers play back the same content.**

5. To connect additional loudspeakers, repeat steps 3 and 4 for each new loudspeaker (optional).

Deactivating the Party Link function

▶ Press and hold button combination 🔗 **(14)** | — **(10)** for 1.5 seconds.

☑ **Pairing is cancelled and Party Link mode is deactivated on the loudspeaker.**

Party Link Stereo

Two loudspeakers of the same model can be operated using the Party Link Stereo function in Stereo L/R mode. When this function is activated, the loudspeakers are paired via Bluetooth® and each loudspeaker is assigned a position L (left) or R (right).

- Loudspeaker L is positioned to the left of the listener.
- Loudspeaker R is positioned to the right of the listener.

Activating the Party Link Stereo function

1. Connect an external player to the first loudspeaker via Bluetooth® or the USB port.
   → *Connecting external players – p. 11*
2. Press button 🔗 **(14)** on the first loudspeaker 2x.

   The Party Link LEDs **(7)** flash yellow.

☑ **Pairing mode is activated.**

3. Switch on the second loudspeaker.
   → *Switching on and off – p. 15*
4. Press button 🔗 **(14)** on the second loudspeaker 2x.

   The first Party Link LED **(7)** of the first loudspeaker lights up yellow.
   The loudspeaker becomes channel L.

   The second Party Link LED **(7)** of the second loudspeaker lights up yellow.
   The loudspeaker becomes channel R.

☑ **The loudspeakers are operating in stereo L / R mode and media playback is in stereo sound.**

NOTE

Exit the active mode before switching between the Party Link and Party Link Stereo functions.

Deactivating the Party Link Stereo function

▶ Press and hold button combination 🔗 **(14)** | — **(10)** on the first loudspeaker (channel L) for 1.5 seconds.

☑ **The loudspeakers are unpaired and stereo playback stops.**

Cleaning and care

ATTENTION

Material damage due to improper cleaning!

The use of unsuitable cleaning agents can lead to the discolouration and destruction of the surface.

- ► Do not allow moisture to get inside.
- ► Only clean loudspeakers with a soft, dry cloth.

1. Remove dust and light contamination with a dry leather cloth.
2. Remove stubborn stains with a cloth slightly moistened with mild soapy water.
3. Then rub damp surfaces dry with a dry, soft cloth without applying pressure.

☑ **The loudspeaker has been cleaned**

Troubleshooting

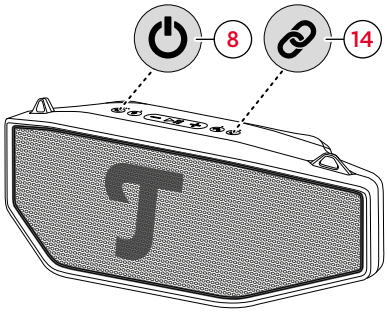
▶ Follow the instructions below to eliminate possible faults:

Malfunction	Possible cause	Remedy
No sound.	The volume is too low.	▶ Increase the volume. → *Adjusting the volume – p. 18*
	The volume on the external player is too low.	▶ Increase the volume on the external player (e.g. smartphone).
	The loudspeaker is not connected to the external player.	▶ Connect the loudspeaker to the external player. → *Connecting external players – p. 11*
	The external player has not been selected.	▶ Set the external player as the output device. → *Controlling playback – p. 17*
	Another radio system is interfering with the Bluetooth® connection.	▶ Move the loudspeaker to another location. → *Setup – p. 10*
Loudspeaker does not switch on.	The battery is discharged.	▶ Connect the loudspeaker. → *Charging the battery – p. 19*
Loudspeaker switches on briefly before switching off again. Or: Loudspeaker does not charge. Or: External player does not charge.	Outside and/or battery temperature too low.	▶ Move the loudspeaker to a warmer location. → *Setup – p. 10*
	Outside and/or battery temperature too high.	▶ Move the loudspeaker to a colder location. → *Setup – p. 10*
Loudspeaker does not charge. Or: External player does not charge.	Moisture on the USB-C port or connector.	▶ Allow the USB-C connection and plug to dry completely.

Resetting to factory settings

NOTE

All user settings and data are deleted and reset to the factory settings.



Factory setting

- ► Press and hold button combination ⏻ **(8)** | 🔗 **(14)** for 8 seconds.

☑ **The loudspeaker has been reset to the factory settings. All personal settings have been deleted.**

Technical data

General technical data	
Dimensions (W × H × D)	384 mm × 149 mm × 127 mm
Weight	2.4 kg
Charging voltage	5 / 9 / 12 / 15 / 20 V ⎓ 3 A
USB-C port	5 V ⎓ 1.5 A
Operating temperature	0°C to +45°C
Storage temperature	-20°C to +60°C
Protection class	IPX5 protection against water jets from all directions

The power delivered by the charger must be between min 7.5 Watts required by the radio equipment, and max 60 Watts in order to achieve the maximum charging speed.

USB-C PD fast charging only in specific cases

Radio network	Frequency bands	Transmitting power
Bluetooth®	2400–2483.5 MHz	8.192 dBm/6.6 mW

CE

Lautsprecher Teufel GmbH hereby declares that the loudspeaker ROCKSTER® CROSS 2 complies with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following Internet address:

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

Teufel

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