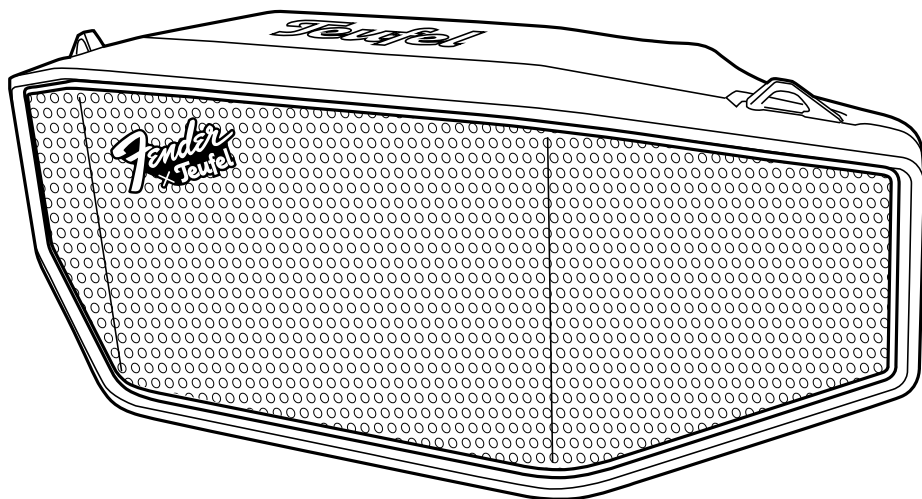


Technical Description and User Manual



Fender x Teufel ROCKSTER CROSS

Fender[®]
+ Teufel

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General Notes And Information

Notice

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February 2024

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Original packaging

Please keep the original packaging in case the product needs to be returned. 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 bottom 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:

www.teufelaudio.com

Online support:

www.teufelaudio.com/service
us.teufelaudio.com/support

Contact form:

teufelaudio.com/contact
us.teufelaudio.com/contact

Warranty:

us.teufelaudio.com/warranty

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16192 Coastal Highway
Lewes, Delaware 19958
USA

Lautsprecher Teufel GmbH
BIKINI Berlin
Budapester Str. 44
10787 Berlin
Germany

Proper use

The splash-proof speaker is designed for the playback of music and speech from an external player via Bluetooth® or cable.

Only use the speaker 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 speaker is intended for private use.

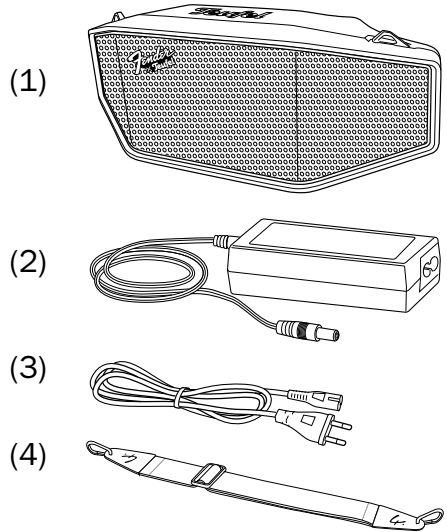


Before operating the speaker, please read the safety instructions and user manual carefully. Only in this way, can you ensure that all functions are used in a safe and reliable manner. Store the user manual in a safe place and also be sure to pass it on to any subsequent owner.

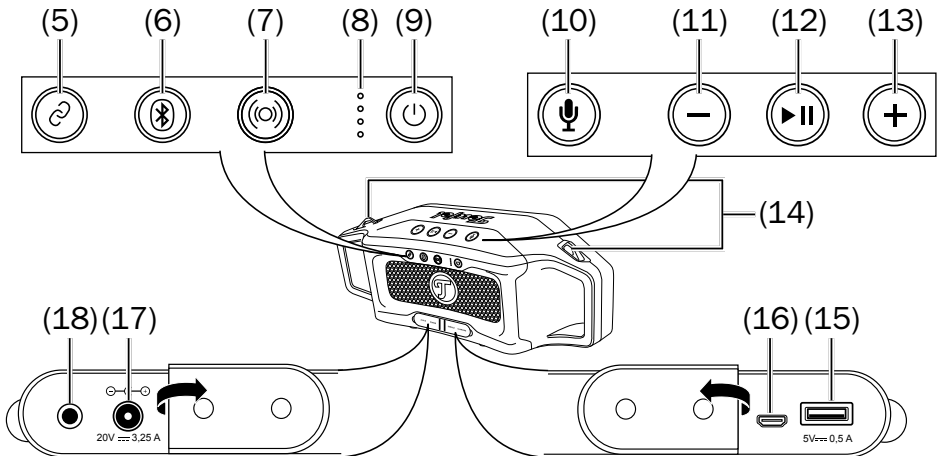
Package contents











- (1) Teufel ROCKSTER CROSS
- (2) Mains adapter
- (3) Mains cord for mains adapter **(2)**
- (4) Carrying strap

- 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 „Contact“ on page 3).
- Please keep the packaging for the duration of the warranty period.



Operational Controls And Connections



- (5)** Push and hold  for 3 seconds:
Enable and disable connect mode (see page 11).
- (6)** Push and hold  for 3 seconds:
Start Bluetooth® pairing mode.
Push and hold  for 10 seconds: Clear all saved Bluetooth® connections.
- (7)**  Enable and disable outdoor mode (see page 11).
- (8)** LED indicator for charging and rechargeable battery charge level.
- (9)** Push and hold  for 2 seconds:
Switch the device on, the button will be illuminated in red.
Tap  during operation: Display battery charge with LEDs **(8)**.
Push and hold  for 2 seconds:
Switch the device off.
- (10)** Only with Bluetooth® playback:
 Tap: Enable the smartphone's voice assistant.
Tap  for a phone call:
Accept call/hang up.
- (11)** – Reduce the volume.
In case of an incoming call:
Reject call.
In case of BT playback push together with button **(12)**:
Skip back.
- (12)**  Playback/pause.
Tap in case of a phone call:
Accept call/hang up.
- (13)** + Increase the volume.
In case of BT playback push together with button **(12)**:
Skip forward.
- (14)** Loops for carrying strap **(4)**.
- (15)** USB port for the power supply of external players such as MP3 players or smartphones (type A, 5 V, 0.5 A). Data transmission is not possible.
Please note that charging a device may reduce the rechargeable battery life of your ROCKSTER CROSS.
- (16)** USB micro port for service.
- (17)** Mains adapter connection.
- (18)** AUX IN, stereo input with a 3.5 mm jack plug socket.

The Rechargeable Battery

You can operate the ROCKSTER CROSS via the enclosed mains adapter or the integrated rechargeable battery.

- Before first use, charge the rechargeable battery for approx. 3 to 4 hours.

⚠ CAUTION

Batteries (particularly lithium batteries) can explode if used improperly.

- You must not heat or short circuit rechargeable batteries or dispose of them in fire.
- Do not expose the rechargeable batteries to direct sunlight.
- Use only the enclosed mains adapter for charging.

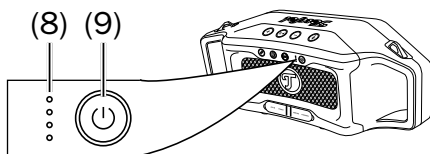
The integrated lithium ion rechargeable battery provides up to 20 hours of operating time – regardless of the volume and the amount of bass in the tracks played.

Thanks to the Powerbank function, you can charge another device (e.g. smartphone) via the CHARGING USB jack (15).

Please observe the maximum charging current of 0.5 A and that charging an external device reduces the operating time.

Rechargeable battery charge level

You can display the rechargeable battery charge level by tapping the **⏻** button (9).



76-100%	all 4 LEDs are illuminated
51-75%	3 LEDs are illuminated
26-50%	2 LEDs are illuminated
11-25%	1 LED is illuminated
<10%	Bottom LED is flashing

To protect the rechargeable battery, the ROCKSTER CROSS has deep discharge protection, which switches the device off once the threshold is reached.

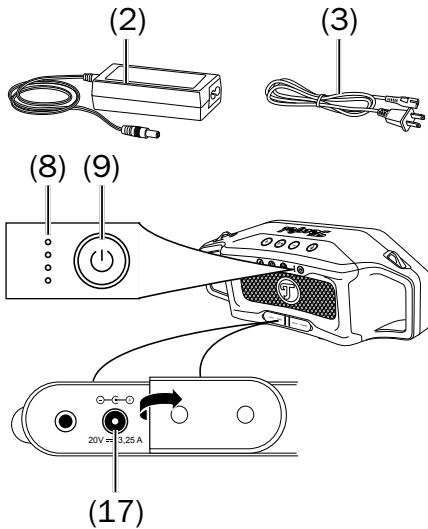
i If the rechargeable battery charge diminishes, the ROCKSTER CROSS will emit two short warning tones several times and the LED at the bottom of the rechargeable battery indicator (8) will blink. Depending on the volume, operation will still be possible for up to 60 minutes.

In this case, connect the mains adapter as soon as possible.

Charging The Rechargeable Battery

The integrated Li-Ion rechargeable battery starts charging as soon as the ROCKSTER CROSS is supplied with power from the mains adapter **(2)**.

Connect the small plug of the mains adapter to the POWER jack **(17)** and connect the mains adapter to a socket (100–240 V~, 50/60 Hz) via the mains cord **(3)**.

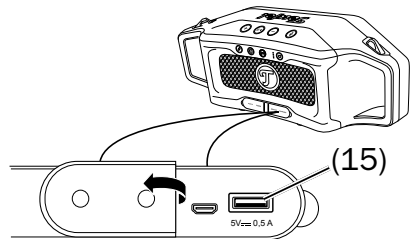


Four white LEDs on the rechargeable battery indicator **(8)** signalise the charging process:

100%	all 4 LEDs are illuminated
75-99%	3 LEDs are illuminated, 4th is flashing
50-74%	2 LEDs are illuminated, 3rd is flashing
25-49%	1 LED is illuminated, 2nd is flashing
<25%	Bottom LED is flashing

Powerbank

You can charge an external player (e.g. smartphone) via the CHARGING USB jack **(15)**.



- The max. charging current amounts to 0.5 amps.

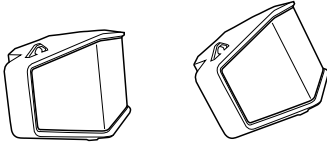
The charging process is also continued when you switch the ROCKSTER CROSS off or it switches to standby after not being used.

Setup

Location tips

- Select a stable, level base.
- Select a location away from heat sources and direct sunlight.
- If applicable, lay the connector cords so that they do not pose a tripping hazard.
- Do not place any heavy objects on the ROCKSTER CROSS.

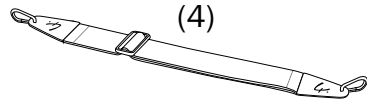
You can also tilt the ROCKSTER CROSS back slightly so that it projects sound at an upwards-facing angle. In the process, make sure that no plugs (USB, mains adapter) are clamped in.



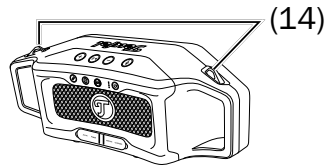
- Only set up the device on the ground in an inclined position.

Carrying strap

You can hang the ROCKSTER CROSS around your shoulders like a bag with the carrying strap **(4)**.



Secure the snap hooks of the strap on the two loops **(14)** of the ROCKSTER CROSS.



- Only use the carrying strap if no plugs are connected to the ROCKSTER CROSS.

Operation

CAUTION




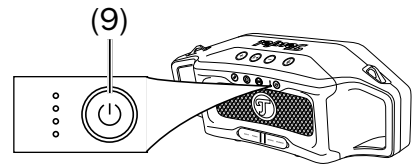
Extended listening at high volumes may lead to hearing loss.

- *Do not place loudspeakers operated at high sound pressure close to ears. This would pose a risk of hearing damage, especially in young children.*
- *Do not listen at high volume levels for long periods of time.*


Activating and deactivating

Activating


- Push and hold the  button (9) for approx. 2 seconds. The ROCKSTER CROSS will switch on and the ring around the button will be illuminated in red.



Deactivating

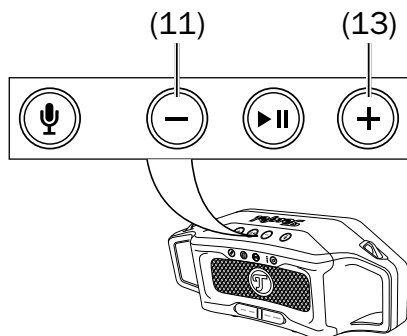
- Push and hold the  button (9) for approx. 2 seconds. The ROCKSTER CROSS will switch off.

Auto off

- The device will automatically switch to standby if no input signal is received for 10 minutes. Turning the device on is then only possible by pressing the  button (9) on the back of it.

Volume

- With the – (11) and + buttons (13), you can reduce or increase the volume.

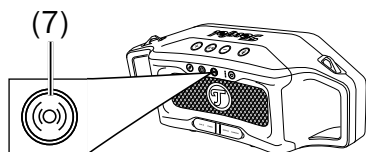


You can gradually adjust the volume by tapping. Pushing and holding will change the volume continuously.

Outdoor mode

Outdoor mode is a technology for improving the listening experience outside in loud and uncontrolled surroundings.

This is achieved by compensating certain frequencies. You can switch outdoor mode on and off with the button (7).




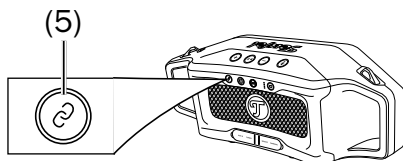
Connect mode

You can pair the ROCKSTER CROSS with compatible devices via Bluetooth® so both devices play the same music. When pairing, both devices must be placed directly next to each other.

However, then the distance between the paired devices can be up to 5 meters.

Thus, you can use two devices at the same time to supply a larger area with sound.


1. Push and hold the  button (5) for approx. 3 seconds.




Pairing has started and the ring around the button pulses in white.

2. Start pairing on the second device (refer to the user manual for the other device).

After a short time, the two devices will connect with one another.

On the ROCKSTER CROSS, the ring around the button  (5) will now light up continuously in white and a tone will sound signaling connection. Both devices will now play the same music.

- Control playback on the ROCKSTER CROSS.
- Push and hold the  button (5) for approx. 3 seconds to disable the connect mode. The ring around the button will go out and the connection will end.

Bluetooth®

Via Bluetooth®, you can establish a wireless connection between a compatible external player (e.g. smartphone) and the ROCKSTER CROSS. The audio output of your external player is then emitted by the ROCKSTER CROSS.

You can also register two Bluetooth® devices and have them played in alternation.

For smartphones with Android or an IOS operating system, you can also use the voice assistant via the ROCKSTER CROSS.


Bluetooth® options

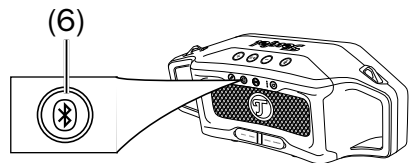
Depending on the device type and operating system, your external player/smartphone may also have a number of Bluetooth® options such as media playback and call function. Here you can activate and deactivate the desired options.

You can find more information about the Bluetooth® options in the user manual for your external player/smartphone.

Pairing

To play the audio of your external player on your ROCKSTER CROSS via Bluetooth®, you must first connect the devices with each other. This is called “Pairing”. The ROCKSTER CROSS can save data from up to seven external players, which can be subsequently connected to without having to repeat the pairing process.

1. Turn on the Bluetooth® function on your external player.
2. Push and hold the  button **(6)** for approx. 3 seconds.



You will hear a short signal tone and the ring around the button will be illuminated in blue.

3. Let your external player/smartphone scan for Bluetooth® devices. You will find more information about this in the user manual of your external player. After the search run, the “Teufel ROCKSTER CROSS” should also be present in the list of detected devices.
4. Select “Teufel ROCKSTER CROSS” from the list of detected devices. Pairing is now complete and your ROCKSTER CROSS will now act as

a Bluetooth® playback device. The ROCKSTER CROSS will now play back all sounds that would otherwise be played by your external player/smartphone.

5. If you would like to pair a second external player, repeat steps 1 to 4 with the second device.

You can then select the Teufel ROCKSTER CROSS from the list of paired devices on the first device. Now you can use both devices in party mode in alternation (see chapter “Party mode”).

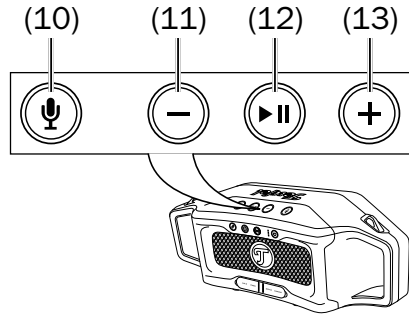
Playback

i The volume setting of the external player affects the volume of the ROCKSTER CROSS.

- Start playback on your external player.
- Pause playback:
Briefly push the button ►|| (12).
- Continue playback:
Briefly push the button ►|| (12).
- Play next track:
Tap the buttons ►|| (12) and + (13) at the same time.
- Start the track from the beginning:
Tap the buttons ►|| (12) and – (11) at the same time.
- Play previous track:
Tap the buttons ►|| (12) and – (13) twice at the same time.

Party mode

If you are using two external players at the same time, you can look for the next track on one device while the other is playing. Once the track is over, push the stop or pause button and start playback on the other device.







Voice assistants

Prerequisites: Present Bluetooth® connection and voice assistant on the smartphone is enabled.

To activate the assistant, tap the microphone button (7) and wait until the assistant responds. Then simply speak in the direction of the ROCKSTER CROSS. The volume when playing back voice and signal tones related to the voice assistant depends on the settings of your smartphone. If the output of voice or tones is too loud or too quiet, please refer to the manual of your smartphone.

Call function

You can use the ROCKSTER CROSS as a hands-free device for your smartphone.


- In the event of an incoming call, your smartphone will ring and the ROCKSTER CROSS will also emit the ring tone. Any media playback will be paused.
- To reject the call, tap the – button (13). The call will be ended and the caller will hear the busy signal.
- To take the call, tap the button  (10) or  (12) on the ROCKSTER CROSS.
- Now you can answer the call with your ROCKSTER CROSS via the integrated microphone.
- Push the button  14 or  (12) again to end the call.

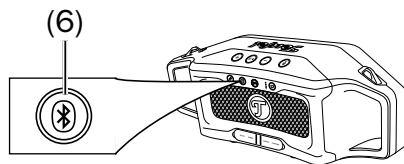
Media playback will resume.

The volume when playing back voice and signal tones related to the voice assistant depends on the settings of your smartphone. If the output of voice or tones is too loud or too quiet, please refer to the manual of your smartphone.

Terminating the Bluetooth® connection

To terminate the Bluetooth® connection, switch the Bluetooth® function on your external player/smartphone off.

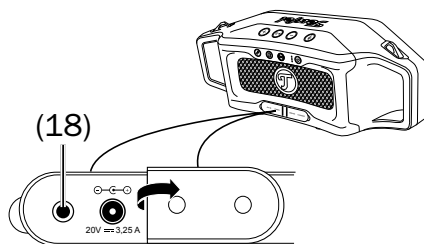
- To delete the list of known external players, hold the  button (6) down for approx. 10 seconds until two short signal tones can be heard.



AUX playback


Connection

The AUX IN jack (18) serves to connect an external player using a stereo cable with a 3.5 mm jack plug. You can connect any external players with a line-out jack or headphone jack.



Playback

1. If applicable, stop playback from a Bluetooth® device.
2. Start playback on your external AUX player.

 The volume setting of the external player affects the volume of the ROCKSTER CROSS.

3. Control all playback functions via the external player.

Care And Cleaning

- Only use plain water or a mild soap solution.
 - Do not use any abrasive cleaners, brushes with metal or nylon bristles, or sharp or metallic cleaning utensils such as knives, hard scrapers and the like. They could damage the surfaces.
 - If the device is to be left unattended for a prolonged period of time (e.g. during a vacation) or if a thunderstorm is forecast, pull the mains plug out of the socket. Otherwise, sudden overvoltage could cause the device to become defective.
1. Remove dust or small amounts of dirt with a dry, smooth cloth.
 2. Use a damp cloth to rub off stubborn dirt. Make sure that no liquid penetrates the housing.
 3. Immediately wipe the damp surfaces off with a soft cloth without applying pressure.

Troubleshooting

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

<http://teufelaudio.com>

Problem	Possible cause/solution
The product doesn't emit sound.	The rechargeable battery is empty. Connect the mains adapter and charge the rechargeable battery.
No sound.	The volume has been set too low. Increase the volume.
	The volume of the external player has been set too low. Carefully increase the volume of the external player.
No sound with Bluetooth®.	No Bluetooth® connection. Establish a connection (see "Bluetooth®" on page 12).
	The product has not been selected as the output device. On the external player, select Teufel ROCKSTER CROSS as the Bluetooth® output device.
	Bluetooth® connection impaired by another radio system (e.g. cordless telephone, Wi-Fi). Move the devices causing the disturbance.
Playback is noisy.	Generally speaking, the product is a very low-noise system. The speaker system with very high resolution in the high range area can expose the poor quality of a signal source (e.g. from MP3 files). Ensure that the source is sending a clear signal to the product
The voice assistant doesn't work.	Activate the voice assistant on the smartphone.

Technical Data

Fender × Teufel ROCKSTER CROSS	
Dimensions (W × H × D)	15.2" × 5.87" × 5.08" (385 × 149 × 129 mm)
Weight	6.22 lb (2.82 kg)
Power supply	20 V DC
Battery	Lithium-Ion/7.4 V/5900 mAh
IP protection class	IPX5
Frequency bands	2402–2480 MHz
Transmitting power	2.5 mW/4 dBm

Power supply unit	
Manufacturer name	Dongguan Dongsong Electronic Co., Ltd.
Model number	DYS602-200325W
Power input	100–240 V~ / 50/60 Hz / 1.5 A
Power output	20.0 V DC / 3.25 A / 65.0 W
Average efficiency	90.0 %
Efficiency at low charge (10%)	84.3 %
No-load power consumption	0.10 W

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

www.teufelaudio.com/declaration-of-conformity

FCC statement

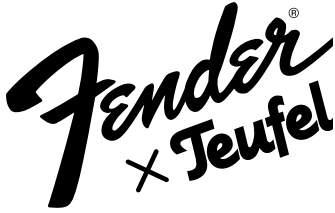
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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

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Warranty:

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