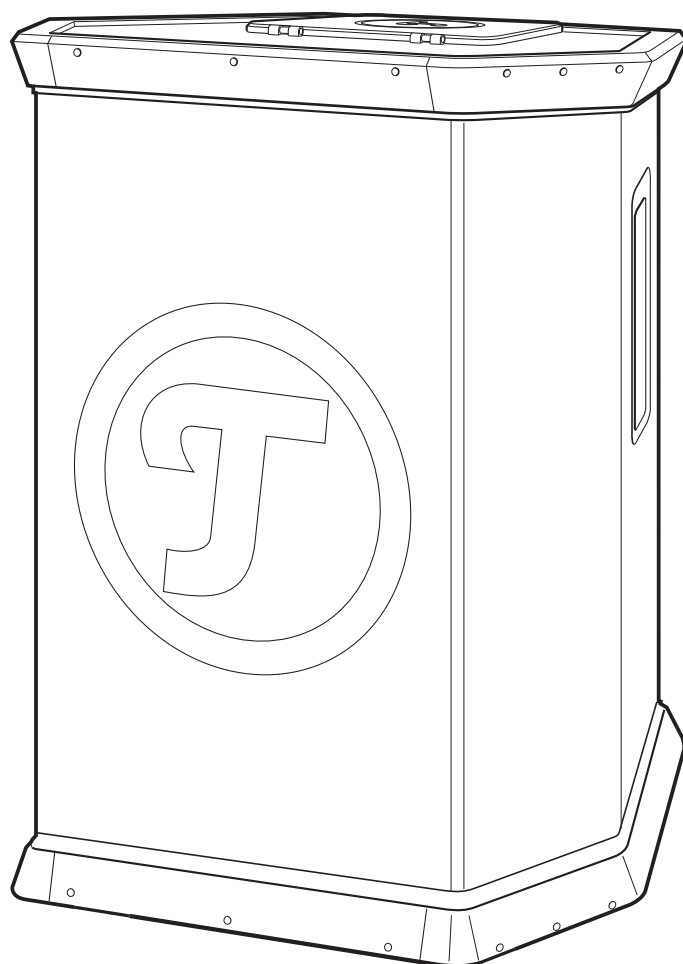


Technical Description and User Manual



ROCKSTER

Event Sound System with 2-channel mixer

Teufel

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General Notes and Information

Notice

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Version 2.0

February 2020

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 **Bluetooth**® 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.

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which is registered in the USA and other countries; its use has been approved.

Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of the **ROCKSTER 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 Str. 44

10787 Berlin (Germany)

Phone 00800 - 200 300 40 (toll-free)

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

Service:

www.teufelaudio.com/service

Contact:

www.teufelaudio.com/contact

For Your Safety



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

Proper use

The ROCKSTER is intended for the amplification and playback of music and spoken word from external source devices on internal and/or external speakers or active systems.

Only use the ROCKSTER 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 ROCKSTER is intended for private use.

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

Improper electrical installation or excessive mains voltage may result in an electrical shock.

- *The device is suitable for a mains voltage of 230V~ / 50–60 Hz. 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 device emits smoke, smells burnt or produces unusual sounds, immediately disconnect it from the mains or the battery 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.*
- *Do not use the ROCKSTER in environments where there is a risk of explosion.*
- *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 other debris ends up penetrating the housing, immediately pull the mains plug and remove the rechargeable battery. Then contact our service address.*
- *Never touch the mains plug with wet hands.*
- *Never modify the device. Unauthorised modifications may affect the safety and functionality.*

- *Power overload due to lightning strike may damage or destroy the unit. If the unit is unattended for a prolonged period (e.g. when on vacation) or in the event of an incoming storm, pull the mains plug.*

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:

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

- *Use the fixing brake to prevent the ROCKSTER from rolling away.*
- *When storing the ROCKSTER, also ensure that it stands safely and that it cannot be knocked down or over.*

WARNING

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

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

WARNING

Handling rechargeable batteries improperly may lead to fire or explosion!

- *Keep the rechargeable battery away from paper clips, coins, keys, screws or other metallic objects that could bridge the contacts. Short circuiting caused by bridged rechargeable battery contacts may result in burns or fire.*
- *Never carry the rechargeable battery by the poles.*
- *Avoid bumps and abrupt stresses.*
- *Avoid electrostatic charge or discharge. Never use synthetic cloths or sponges to clean the rechargeable battery; instead only use cloths moistened with water without any additives.*
- *Only charge the rechargeable battery when it is installed in the ROCKSTER. A normal car battery charger is not suitable.*

WARNING

Risk of injury!

If used incorrectly, corrosive battery acid may leak out of the rechargeable battery.

- *Avoid any contact with it.*
- *In the event of accidental contact, immediately rinse with plenty of water and seek medical attention.*

CAUTION



Extended listening at high volumes may lead to hearing loss.

- *To avoid damage to health, avoid extended listening at high volumes.*
- *At high volumes, always maintain a certain distance to the ROCKSTER and never hold your ears directly up to a speaker.*
- *If an audio system is set to full volume, it may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Chil-*

dren and pets are particularly at risk. Set the volume control of the ROCKSTER to a low setting before turning on the power.

NOTICE

If the ROCKSTER is subjected to warm temperatures after being cold (e.g. after transport), condensation may occur inside of it.

- *In this case, wait at least 2 hours before you connect and activate the ROCKSTER.*

NOTICE

Improper handling of the ROCKSTER may lead to damage or fire.

- *Do not place open fire sources such as burning candles or similar on the ROCKSTER.*
- *Do not expose the ROCKSTER to direct sunlight.*
- *Do not place the ROCKSTER near heat sources (e.g. heaters, ovens).*
- *Ensure sufficient ventilation.*
- *Do not cover the vents with curtains, blankets, posters*

or similar. The build-up of heat inside the ROCKSTER can shorten its lifetime.

- *Before you pull the rain cover (available accessory) over the ROCKSTER, switch the ROCKSTER off completely. The ROCKSTER could be damaged if operated under the rain cover.*



NOTICE

Gross misuse and incorrect care are the main reasons for damage to high-performance rechargeable batteries.

- *Avoid deep discharge of under 20 % for optimal rechargeable battery power.*
- *Recharge your rechargeable battery frequently.*
- *Store your rechargeable battery in a cool, but frost-free area, ideally at 15 °C. Higher temperatures result in a higher rate of self-discharge and shorten the intervals between charges.*
- *Do not expose the rechargeable battery to direct sunlight or other sources of heat.*

- *A deep discharge damages the rechargeable battery cells. The most frequent cause of deep discharge is prolonged storage or failure to use a partially discharged rechargeable battery. Only store the rechargeable battery once it is fully charged.*

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.



Old devices must not be disposed of with household waste!

■ If the ROCKSTER is no longer operational, every consumer is required by law to dispose of used devices separately from household waste, e.g. at a collection point run by the communal authority/borough. This ensures that old devices are recycled in a professional manner and also rules out negative consequences for the environment.

For this reason, electrical equipment is marked with the adjacent symbol.



Used rechargeable batteries must not be disposed of with household waste!

Every consumer is required by law to bring all batteries and rechargeable batteries, regardless whether they contain harmful substances*) or not, to a collection point run by the communal authority or borough or to a retailer, so that they can be disposed of in an environmentally friendly manner.

Please only turn in batteries and rechargeable batteries which are empty!

*) labelled with: Cd = cadmium,
Hg = mercury, Pb = lead

Overview

Unpacking

CAUTION

The ROCKSTER weighs more than 30 kg!

– *Have a second person help you.*

- Carefully open the box, take out the EPE foam half-shell and carefully lift the ROCKSTER out of the box.

Package contents

(1) 1× ROCKSTER

(2) 1× mains cord

(3) 2× wheel

(4) 2× wheel with fixing brake

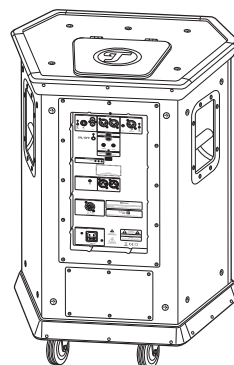
(5) 4× M10 counter nut

(6) 4× washer

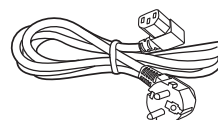
As a separate delivery:

(7) 1x AGM rechargeable battery 12 V,
12 Ah

(1)



(2)



(3)



(4)



(5)



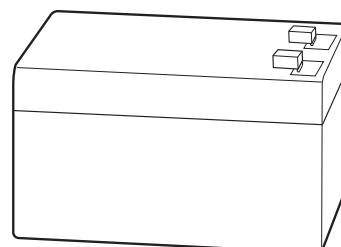
(6)



Checking the package contents

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or the device has been damaged, please contact our service team (see page 4).
- Do not in any case operate the device if it is damaged.

(7)



Introduction

The ROCKSTER is an active speaker system. By connecting multiple ROCKSTER in master-slave operation, you can even supply large rooms with sound completely.

The power supply can be provided via the mains supply, the built-in rechargeable battery or an external 12 volt source (car battery). Thus, the ROCKSTER is also ideal for outdoor events.

The following inputs are available for your source devices:

Mixer channel 1

- Bluetooth®
- Stereo line (RCA)
- Mono instrument (6.3 mm jack)

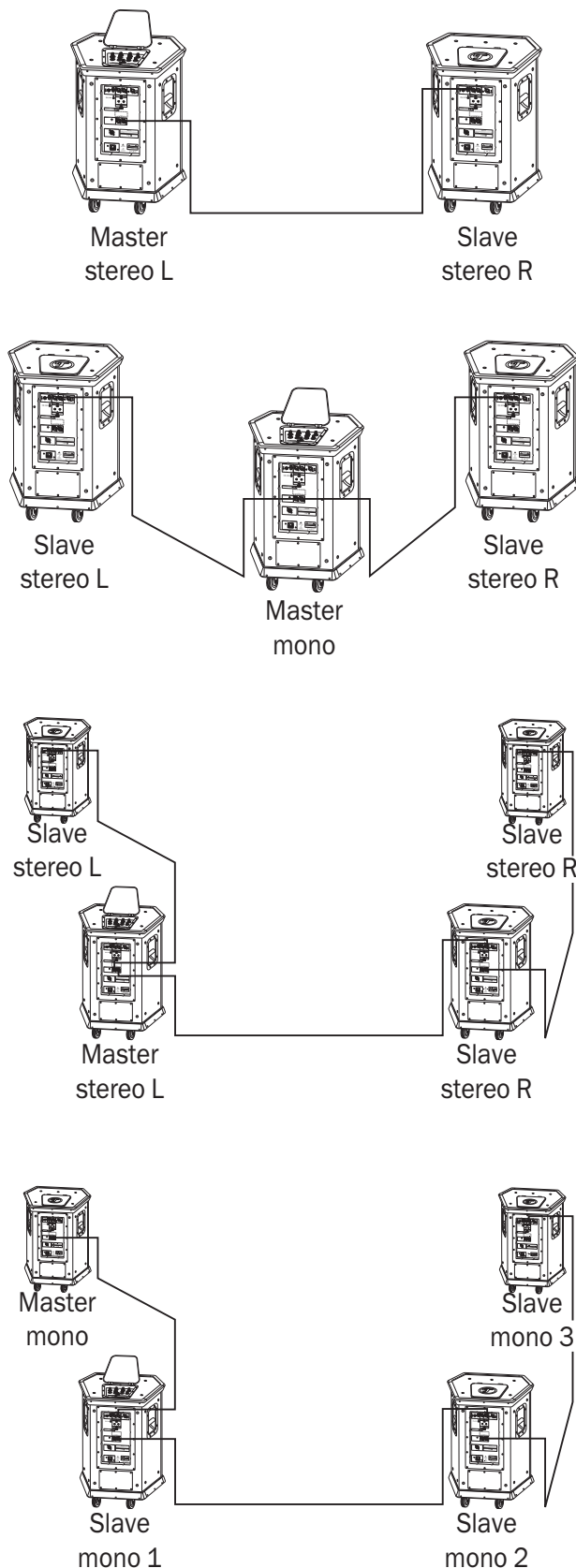
Mixer channel 2

- Bluetooth®
- Stereo line (3.5 mm jack)
- Mono microphone input (XLR)

Every mixer channel has its own 3-band sound control (100 Hz, 1 kHz, 10 kHz) and a volume control that can be used to adjust the sound to perfectly suit the local acoustics.

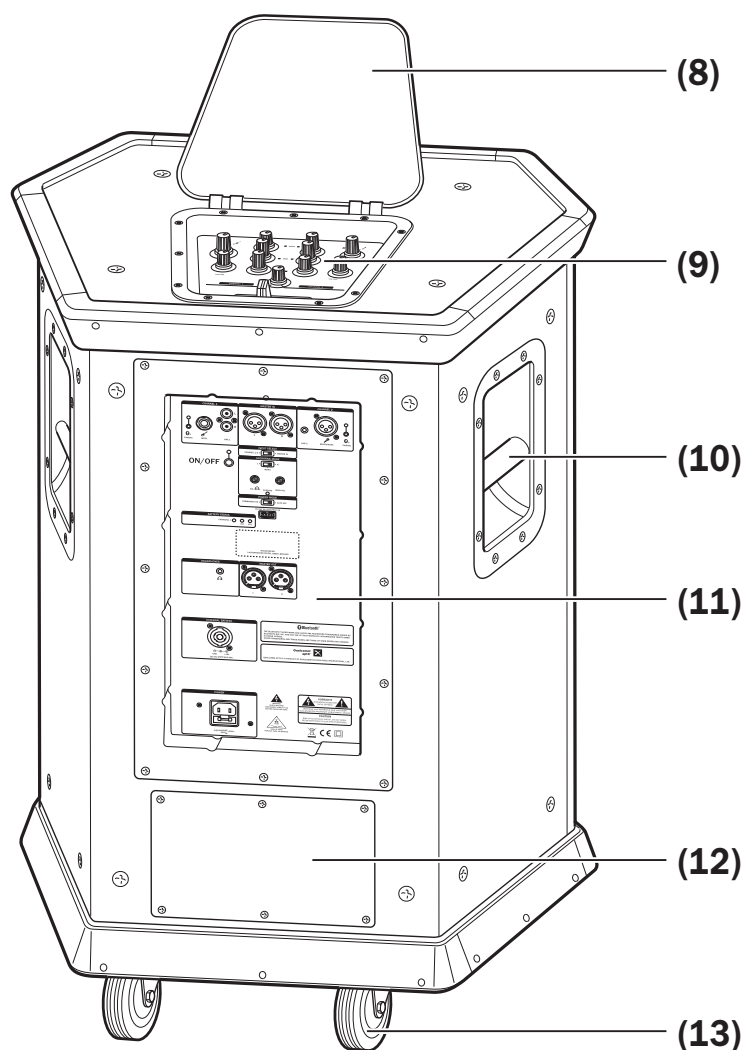
With the monitor headphones, you can position the next track and use the cross fader to fade between the mixer channels.

Connection examples for the ROCKSTER in master-slave operation



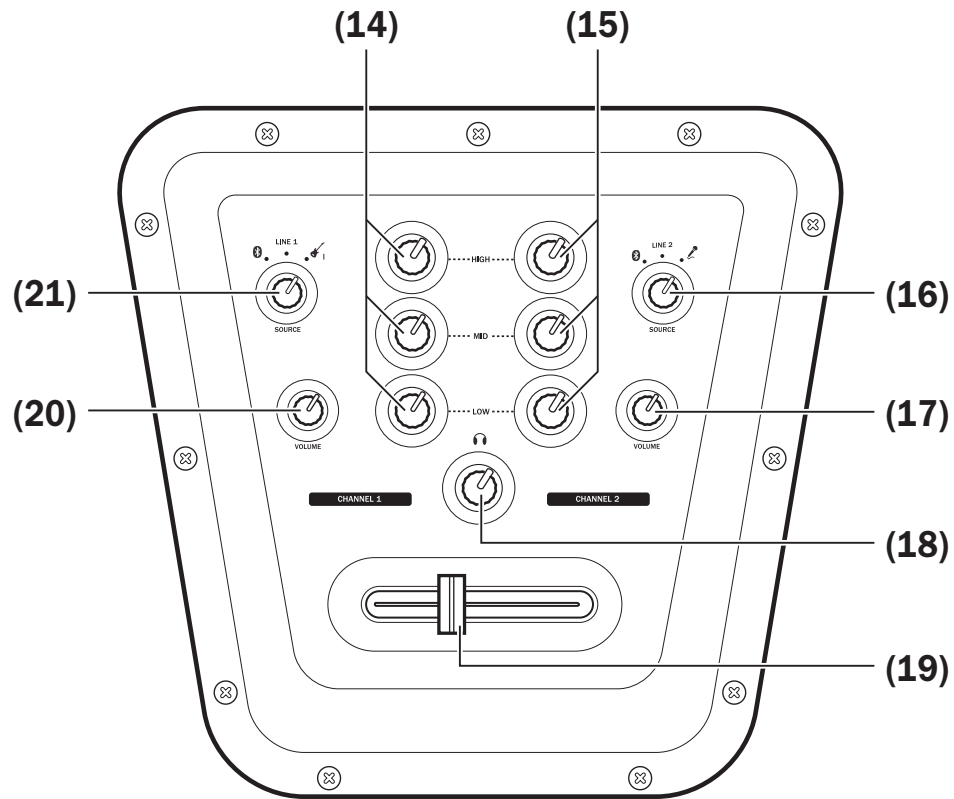
Operational Controls and Connections


ROCKSTER

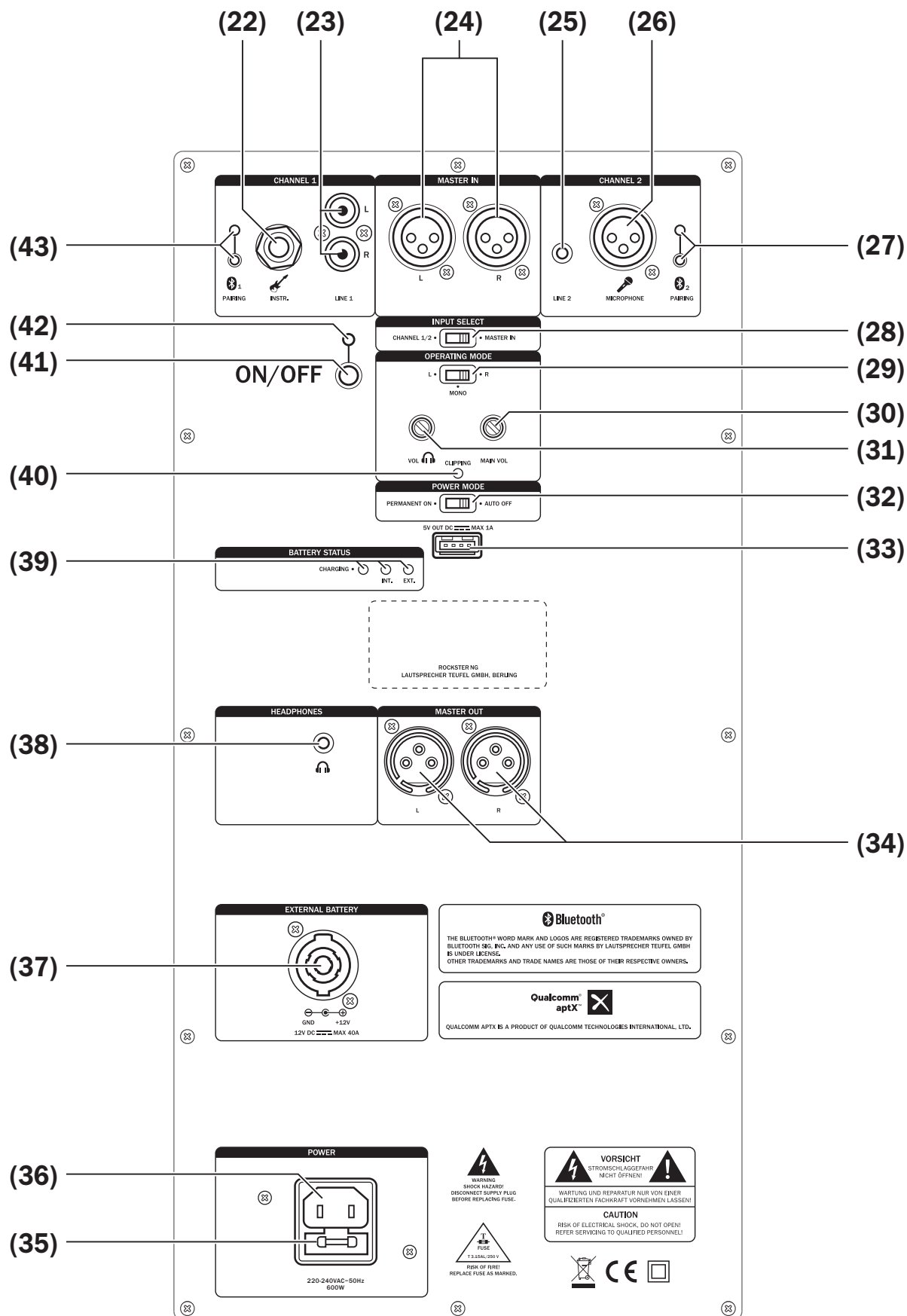


Item	Description
(8)	Cover cap for the mixing console
(9)	Mixing console
(10)	Carrying handles
(11)	Connection and control terminal
(12)	Rechargeable battery compartment cover
(13)	Wheels







Mixing console



Item	Name	Description
(14)	HIGH MID LOW	Channel 1 sound control
(15)	HIGH MID LOW	Channel 2 sound control
(16)	SOURCE	Channel 2 source switch
(17)	VOLUME	Channel 2 volume control
(18)		Cross fader for headphones
(19)	–	Cross fader
(20)	VOLUME	Channel 1 volume control
(21)	SOURCE	Channel 1 source switch



Connection and control terminal

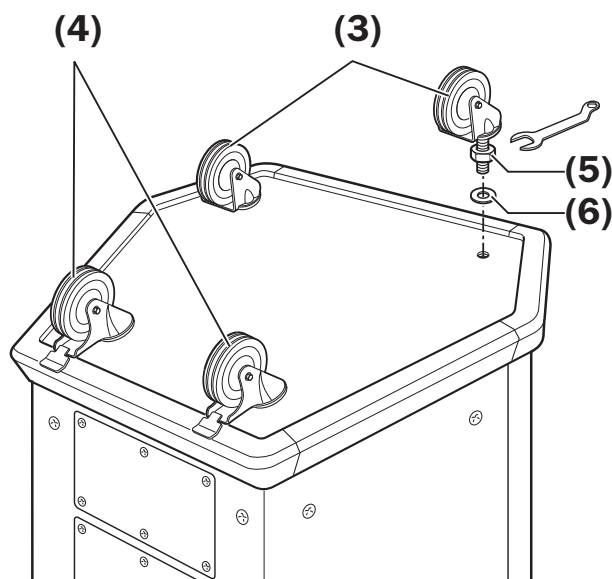
Item	Name	Description
(22)	INSTR. 	Mono connection for an instrument with a 6.3 mm jack plug (10 kΩ, –10 dB)
(23)	LINE 1	Stereo connection for a source device with RCA plugs
(24)	MASTER IN L/R	Stereo connection for slave operation on a second ROCKSTER (female XLR plug)
(25)	LINE 2	Stereo connection for a source device with a 3.5 mm jack plug
(26)	 MIC	Mono connection for a microphone with a female XLR plug (10 kΩ, –40 dB)
(27)	 2 PAIRING	Button and LED for Bluetooth® pairing channel 2
(28)	INPUT SELECT	Input selector switch
(29)	OPERATING MODE	Switch for operating mode
(30)	MAIN VOLUME	Overall volume control
(31)	 VOL	Volume control for headphones
(32)	POWER MODE	Toggle for power supply
(33)	5V OUT DC	USB port for the power supply of mobile devices
(34)	MASTER OUT	Stereo connection for master operation with a second ROCKSTER (male XLR plug)
(35)	–	Mains fuse
(36)	POWER	Mains connector jack
(37)	EXT. BATTERY	Connection for external power supply 12 V, 40 A
(38)	 HEADPHONES	Headphone jack
(39)	BATTERY STATUS	Indicator for battery operation
(40)	CLIPPING	Overload indicator
(41)	ON/OFF	On/Off button
(42)	–	Power indicator
(43)	 1 PAIRING	Button and LED for Bluetooth® pairing channel 1

Preparation

Mounting the wheels

For this, you will need an AF 17 open-ended spanner.

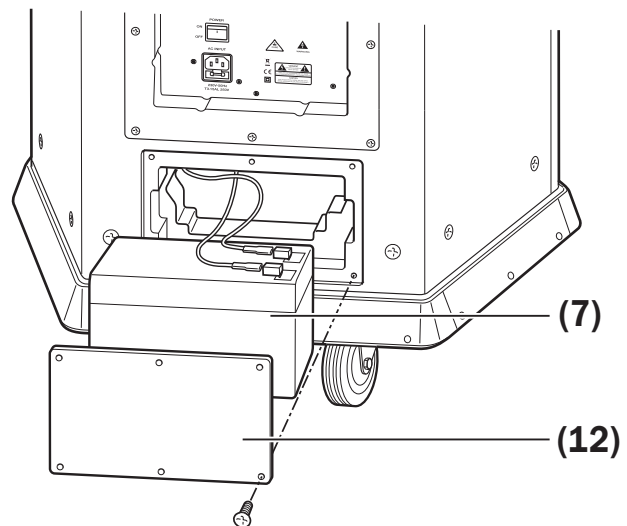
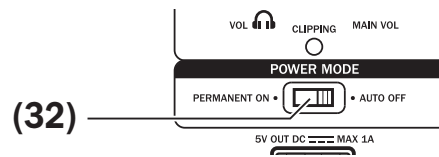
1. Screw one counter nut **(5)** onto each of the wheels **(3)** and **(4)**.
2. Carefully place the ROCKSTER on the front side. You will see four screw holes on the bottom side.
3. Screw the wheels with the fixing brake **(4)** into the rear screw holes with one washer **(6)** each.
4. Screw the counter nuts **(5)** tight by turning them clockwise.
5. Screw the wheels **(3)** into the front screw holes with one washer **(6)** each.
6. Screw the counter nuts **(5)** tight by turning them clockwise.
7. Place the ROCKSTER on the wheels.
8. Check whether all wheels have proper contact with the ground to prevent the ROCKSTER from jiggling. If necessary, loosen the counter nut for the applicable wheel, screw it in or out a bit and tighten the counter nut again.



Installing the rechargeable battery

1. Take the rechargeable battery **(7)** out of the packaging and observe the enclosed safety notes.
2. Pull the mains plug out of the socket.
3. Push the toggle for the power supply POWER MODE **(32)** to the “PERMANENT ON” position.
4. Remove the six screws of the rechargeable battery compartment cover **(12)**.
5. Remove the rechargeable battery compartment cover. You will see a red and black cable with plug shoes in the rechargeable battery compartment.
6. Connect the red cable with the positive pole (+) of the rechargeable battery **(7)**.
7. Connect the black cable with the negative pole (+) of the rechargeable battery.
8. Carefully place the rechargeable battery in the rechargeable battery compartment.
9. Put the cover back on the rechargeable battery compartment.
10. Screw the six screws back in place.

The rechargeable battery is only pre-charged when delivered. You must fully charge the rechargeable battery before first start-up (see page 29).



Setup

Setup location

NOTICE

If the device is subjected to warm temperatures after being cold (e.g. after transport), condensation may occur inside of it.

– *In this case, wait at least 2 hours before you connect and activate it.*

Location tips

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Select a location away from heat sources and direct sunlight.
- Lay the connector cords so that they do not pose a tripping hazard.
- Do not place any heavy objects on the cables or the ROCKSTER.
- Push the fixing brake on the rear wheels **(4)** to secure the ROCKSTER so that it cannot roll away.

Connecting

Inputs

MASTER IN (24)

Only in master/slave operation with multiple ROCKSTER: The ROCKSTER operated as a slave is sent an audio signal via these female XLR connections.

You can also connect an external mixer desk to this input.

The following inputs are connected to the mixer channels via the source switches **(16)** and **(21)**:

LINE 1 (23)

RCA jacks for connecting a CD player. Switched to the mixer channel 1. Line 1 has an input level specific for a CD player, which is less than line 2 **(25)**.

LINE 2 (25)

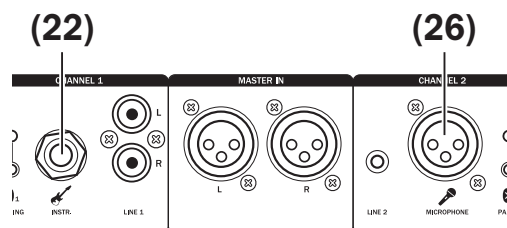
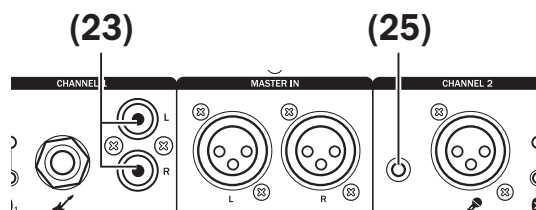
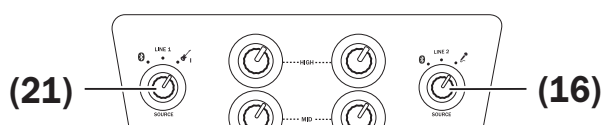
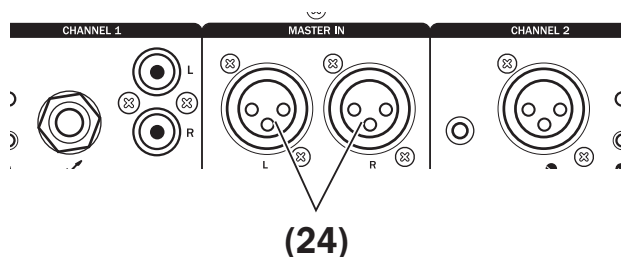
3.5 mm jack plug socket for connecting e.g. an MP3 player or a smartphone. Switched to the mixer channel 2.

INSTR. (22)

Mono 6.3 mm jack plug socket for connecting an instrument such as an electric guitar or bass. Switched to the mixer channel 1.

MIC (26)

Female XLR jack for connecting a microphone without supply voltage. Switched to the mixer channel 2.

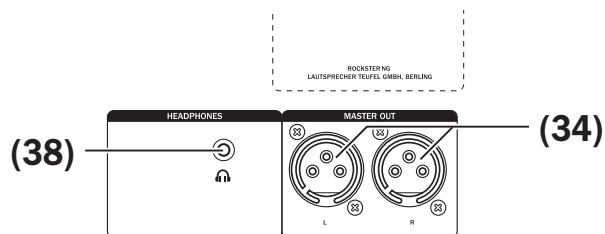


Outputs

MASTER OUT (34)

Only in master/slave operation with multiple ROCKSTER: The ROCKSTER operated as a master transmits its audio signal to the devices operated as a slave via these connections.

If possible, use properly shielded, crush-proof stage cable for this connection.



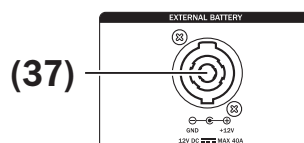
Headphones

You can connect stereo headphones with a 3.5 mm jack plug to the HEADPHONE (38) jack, which serve as a monitor (see page 26). This may also be the headphones of your smartphone; however, microphone and control buttons are not available.

Connection for an external battery

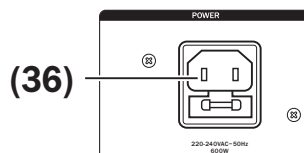
You can connect an external 12 volt car battery to the EXTERNAL BATTERY jack (37).

For this, you will need the **12 V power cable** (see page 31), an accessory that can be obtained from our webshop (www.teufelaudio.com).



Mains connection

- Connect the mains connector jack (36) with a mains socket using the mains cord (2).



Operation

Switching on and to standby

With the ON/OFF button **(41)**, you can switch the ROCKSTER on or to standby. When switched on, the power indicator **(42)** will be illuminated in green.

Automatic deactivation

- If there's no audio signal for approx. 20 minutes, the ROCKSTER switches to standby.

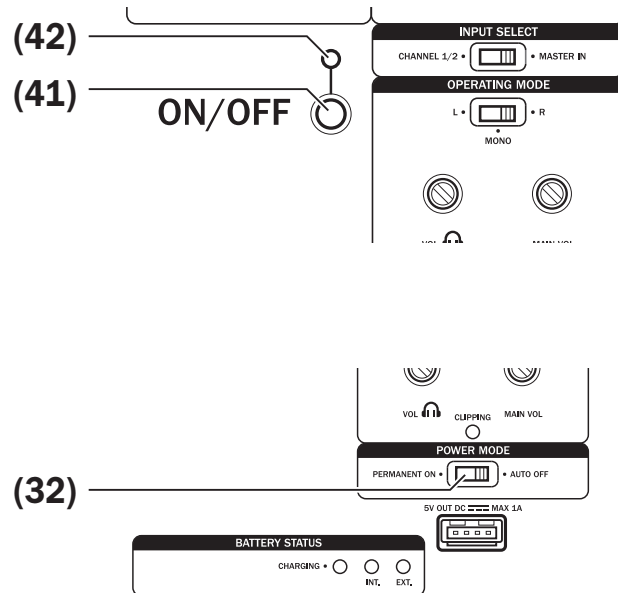
If power is being supplied via mains current, you can switch off this automatic control with the POWER MODE **(32)** switch:

PERMANENT ON

The ROCKSTER is continually activated.

AUTO OFF

If there's no audio signal for approx. 20 minutes, the ROCKSTER switches to standby.



Master/slave mode

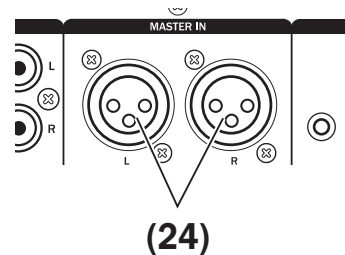
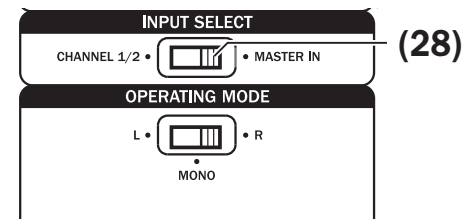
With the INPUT SELECT switch **(28)**, you determine whether the ROCKSTER operates as a master or slave:

- **Master**

The mixing console is active when the switch is set to “CHANNEL 1/2”. The mixing channels are transmitted to the slaves via the speakers and the MASTER OUT output **(34)**.

- **Slave**

When the switch is set to “MASTER IN”, only the signals from the MASTER IN input **(24)**, which the master is connected to, are played back.

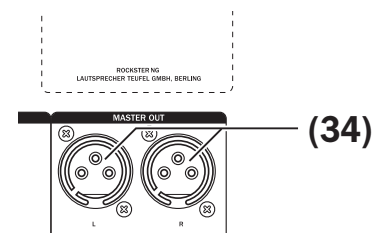
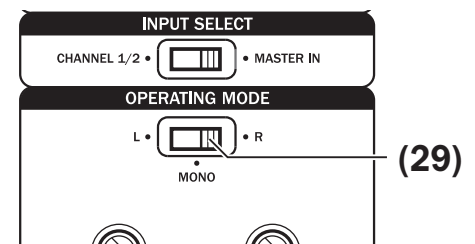


Operating mode

You can determine the playback for the stereo channels with the OPERATING MODE switch **(29)**:

- **L** – Playback of the left channel.
- **MONO** – Both channels are mixed.
- **R** – Playback of the right channel.

This switch is also active in slave operation and only controls the output of the speaker system. The output MASTER OUT **(34)** is not affected – the two stereo channels are always present there.



Adjusting the volume

The MAIN VOLUME control **(30)** is the primary volume control for the entire system, including the ROCKSTER connected as a slave.

- Turn the control clockwise to increase the volume.
- Turn the control anticlockwise to decrease the volume.

If the ROCKSTER is operated as a slave, you can decrease the volume with respect to the master with the MAIN VOLUME control **(30)**. However, the maximum volume is controlled on the master.

Mixer volume

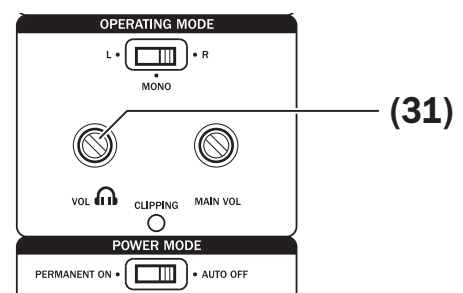
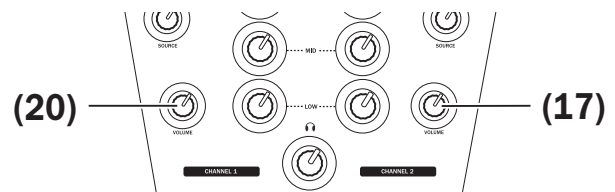
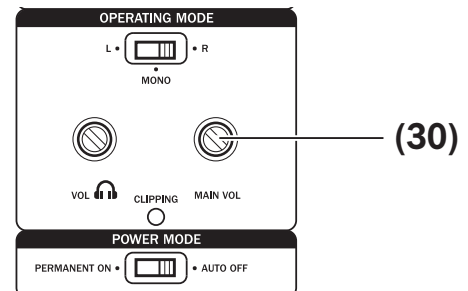
You can adjust the volume of the two mixer channels with the controls VOLUME **(20)** for channel 1 and VOLUME **(17)** for channel 2.

These two controls can also only be used to decrease the volume. You can set the maximum volume with the MAIN VOLUME control **(30)**.

Headphone volume

You can adjust the headphone volume with the VOL control **(31)**.

To correctly adjust the volume, turn the control to increase the volume during playback until the level of the ROCKSTER and the level of the headphones are equal.



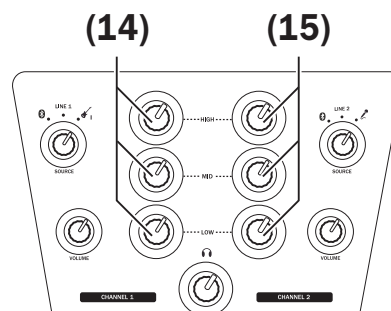
Sound control

You can adjust the sound with the controls **(14)** for channel 1 and **(15)** for channel 2:

HIGH – high frequency tones (> 10 kHz).

MID – medium frequency tones (~ 1 kHz).


LOW – low frequency tones (< 100 Hz).



Selecting a source

With the source switches SOURCE **(21)** for channel 1 and SOURCE **(16)** for channel 2, you can select the desired source:


Mixer channel 1

 Bluetooth® (see page 28)


LINE 1 Connection **(23)**

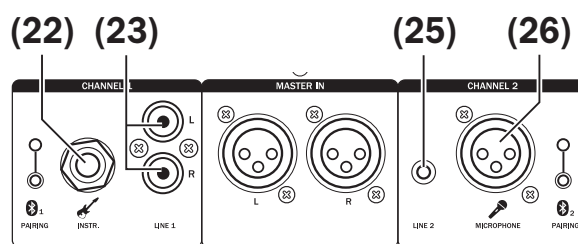
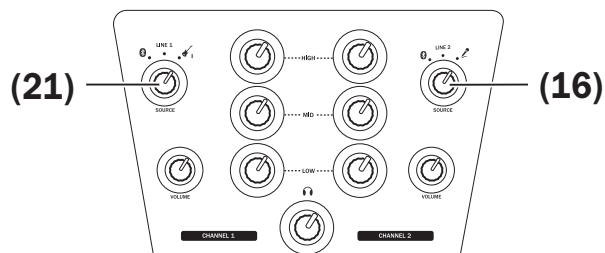
 Connection **(22)**

Mixer channel 2

 Bluetooth® (see page 28)

LINE 2 Connection **(25)**

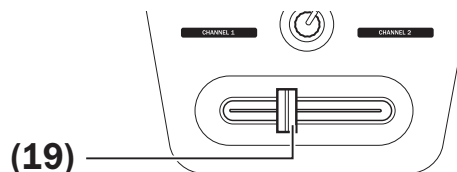
 Connection **(26)**



Cross fading

With the cross fader **(19)**, you can determine which mixing channel is assigned to the speakers:

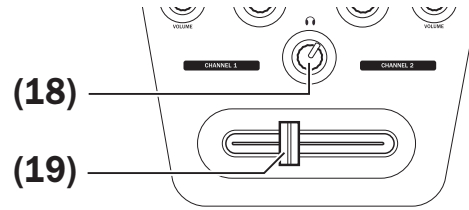
- Channel 1: control to the left.
- Channel 2: control to the right.



Monitor

With the control 🎧 **(18)**, you can determine which mixing channel can be heard in the headphones – independent of the cross fader **(19)**.


Thus can find the next track and set it to the beginning during playback via the speakers on the other mixer channel.

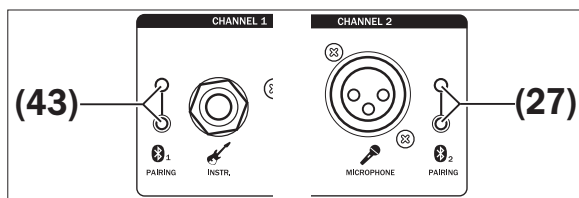


Bluetooth®

You can connect compatible devices, such as most smartphones, with your ROCKSTER via Bluetooth®. The audio output of your smartphone is then emitted via the ROCKSTER.


A Bluetooth® connection is only possible to one ROCKSTER master – Bluetooth® is deactivated during slave operation.


1. Push the PAIRING button  **(43)** for channel 1 or **(27)** for channel 2.




The corresponding Bluetooth® LED will start to blink in blue.

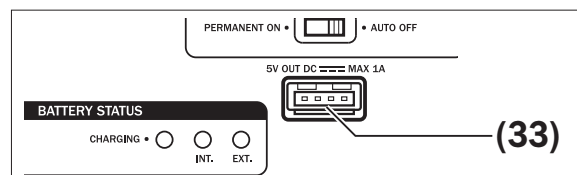
2. Turn on the Bluetooth® function on your source device (e.g. smartphone).
3. Let your source device search for Bluetooth® devices. You will find more information about this in the user manual of your source device. “TEUFEL ROCKSTER-1” and/or “TEUFEL ROCKSTER-2” should appear in the list of detected devices after the search.
4. Select the desired channel of the ROCKSTER from the list of detected devices. The ROCKSTER will now play back all sounds that would otherwise be played back by your source device. The corresponding Bluetooth® LED will now be continuously illuminated in blue.

5. To end the Bluetooth® connection, push the PAIRING button  **(43)** for channel 1 or **(27)** for channel 2. Alternatively you can also switch off the Bluetooth® function on your source device.

 Set the volume of the source device (e.g. smartphone) to maximum to avoid interference during the transmission.

 If your Bluetooth® source device is a smartphone, you should activate flight mode if possible to prevent playback from being interrupted by an incoming call.

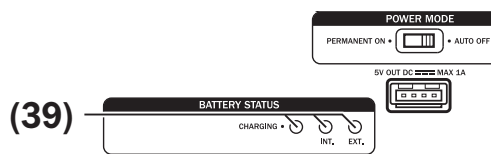
- If your Bluetooth® source device has a USB charging cable, you can connect it to the 5V OUT DC jack **(33)** to supply power.



This connection supplies up to 1 A of power, also when operating the ROCKSTER with the internal or an external rechargeable battery.

The rechargeable battery

The maintenance-free internal rechargeable battery is charged as soon as the ROCKSTER is connected to the mains supply.



- The left BATTERY STATUS LED (39) illuminates during charging.

A complete charge cycle for the internal rechargeable battery takes approx. 7 hours.

After charging, the built-in charger switches to trickle charge and keeps the rechargeable battery fully charged for several weeks.

The maximum playing time depends on the amount of low tones contained in the material played back. A large amount of low frequency tones (bass tones) will reduce the maximum operating time. If the rechargeable battery is fully charged at full volume and when playing back pop music, the operating time amounts to approx. 6 hours, at low volume up to 24 hours.

The middle BATTERY STATUS LED (39) “INT.” indicates the charge level of the rechargeable battery in battery mode:

- LED is constantly illuminated = > 50 %
- LED blinks slowly = 50–25 %
- LED blinks quickly = < 25 %

NOTICE

A deep discharge irreparably damages the rechargeable battery.

- *Charge the rechargeable battery once the indicator displays a charge level of < 25 %.*


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

Operation with an external rechargeable battery

When operated with an external 12 volt rechargeable battery, the battery should have a capacitance of approx. 100 Ah.

The right BATTERY STATUS LED (39) “EXT.” then displays the charge level of the external rechargeable battery:

- LED is constantly illuminated = > 50 %
- LED blinks slowly = 50–25 %
- LED blinks quickly = < 25 %

 An external rechargeable battery is not charged by the charger of the ROCKSTER.

Optional Accessories

You can order the following accessories from our webshop (www.teufelaudio.com):

Rain cover

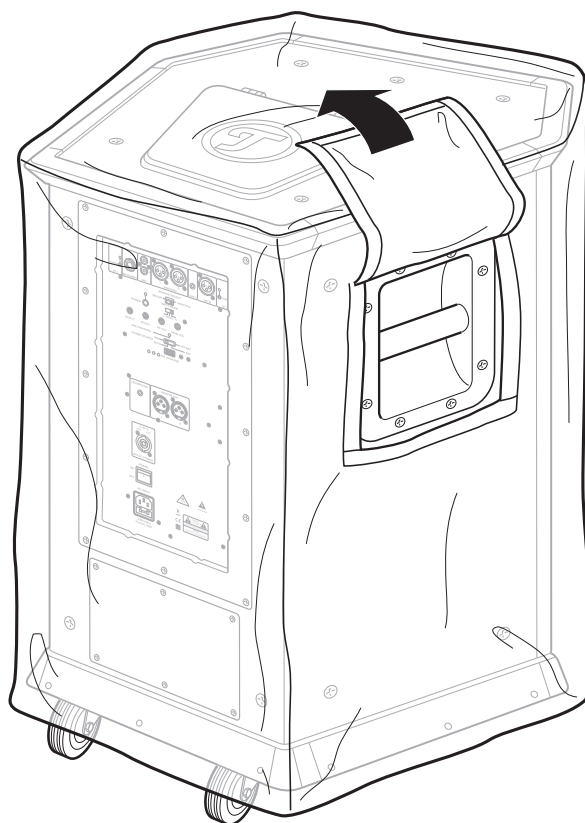
The rain cover protects the ROCKSTER in the event of the sudden onset of rain.

CAUTION

Operating the ROCKSTER with the rain cover results in severe overheating and may cause a fire.

- *Switch the ROCKSTER off completely and pull the mains plug before you put on the rain cover.*

Flaps with hook and loop fastener are located on the sides through which you can still use the carrying handles to transport the ROCKSTER.



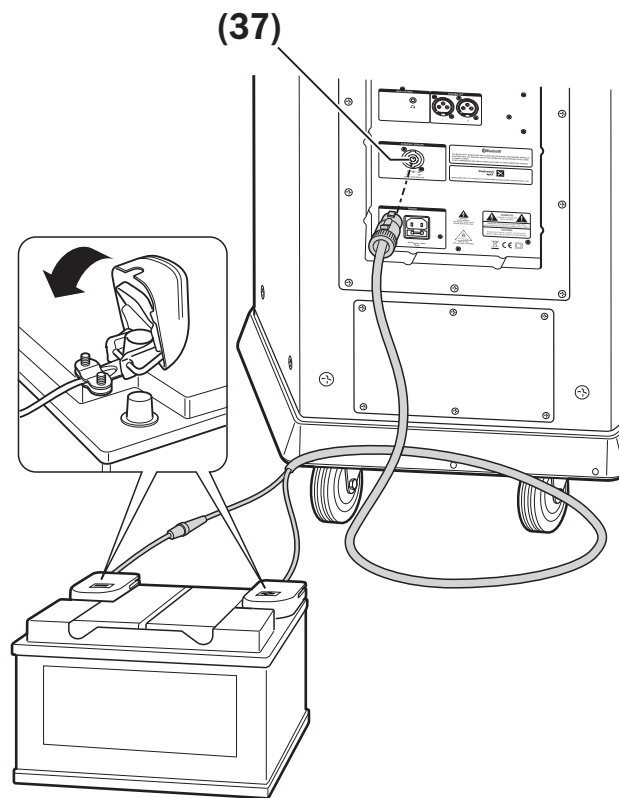
12 V power cable

If no mains current is available for an event and the capacitance of the internal rechargeable battery is not sufficient, you can operate the ROCKSTER with the 12 V power cable via a 12 V car battery.

1. Switch the ROCKSTER off.
2. Open the pole terminals of the power cable.
3. Plug the red pole terminal onto the positive pole (+) of the battery and fold the pole terminal into the closed position.
4. Plug the blue pole terminal onto the negative pole (–) of the battery and fold the pole terminal into the closed position.
5. Insert the plug of the power cable into the EXT. BATTERY jack **(37)** and turn the plug until the locking mechanism locks into place.

The ROCKSTER is now operational and is supplied with power by the car battery.

Please also observe the notes in the section “Operation with an external rechargeable battery” on page 29.



Care and Cleaning

NOTICE


External influences may damage or destroy the device.

- *If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.*
- *Do not use caustic cleaning products, white spirit, thinners, petrol or similar under any circumstances. Such cleaning agents may damage the delicate surface of the housing.*
- Ideally, you should remove dust or small amounts of dirt with a dry, smooth leather cloth.
- Use a damp cloth to rub off stubborn dirt. Make sure that no liquid penetrates the housing.
- Then immediately wipe the damp surfaces off with a soft cloth without applying pressure.

Storage

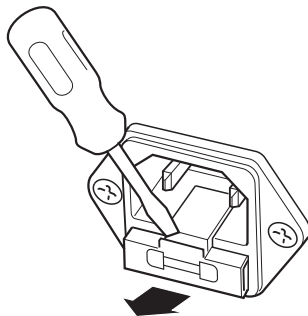
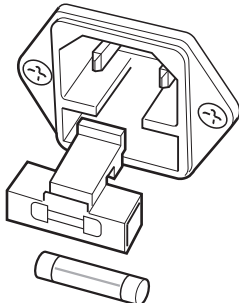
To store the ROCKSTER for a prolonged period of time when not connected to the mains (e.g. in winter):

1. Connect the ROCKSTER to the mains supply and let the rechargeable battery charge completely (see “The rechargeable battery” on page 29).
2. Take the rechargeable battery out of the rechargeable battery compartment and store it so that it is cool and dry at 10 to 20 °C. Protect the rechargeable battery from exposure to humidity and direct sunlight.
3. Store the ROCKSTER in a dry location at a temperature of +10 to +40 °C. Protect the ROCKSTER from exposure to direct sunlight.

 If stored for a prolonged period and not used, we recommend that you charge the device at least once per month.

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 4). Take note of the warranty instructions.


Problem	Possible cause	Solution
The device doesn't emit any sound.	The ROCKSTER is off or doesn't have any power.	Switch the ROCKSTER on with the On/Off button (41) . Check the mains cord and socket.
	The built-in rechargeable battery is empty.	Immediately connect the ROCKSTER with a mains socket to charge the rechargeable battery.
	Mains fuse defective	<div> <p>1.</p>  <p>Remove the mains cord. Carefully pull the fuse holder on the mains connection jack out.</p> </div> <div> <p>2.</p>  <p>Push the old fuse down and out. Insert a new fuse (3.15 A delayed action) and push the holder back.</p> </div>
	The volume is set to "0".	Increase the volume with the controls MAIN VOLUME (30) and VOLUME (20)/(17) .
No sound in Bluetooth® mode.	No Bluetooth® connection.	Establish a connection (see page 28).
	ROCKSTER has not been selected as the output device.	On your source device, select "ROCKSTER-1" or "ROCKSTER-2" as the output device via Bluetooth®.
	Bluetooth® connection impaired by another radio system (e.g. cordless telephone or microphone, Wi-Fi).	Set up the ROCKSTER and/or the source device in another location. Move to another room to test.

No sound via cable (LINE).	Volume of the playback program has been set to zero.	Carefully increase the volume on the source device.
A hum is emitted from the speaker.	The ROCKSTER is connected to a different power circuit from the rest of the system.	Connect the ROCKSTER and source device/ preamplifier to the same power circuit.
	The hum is due to line disturbance.	Buy a line filter and connect all devices to it.
	The humming is caused by a multiple socket strip.	Use a different multiple socket strip or connect the ROCKSTER directly to the wall socket.

Technical Data

Dimensions (W × H × D):	577 × 866 × 474 mm
Weight	31.5 kg
Operating voltage	230 V~, 50/60 Hz
Max. power consumption	500 watts

Declaration of Conformity

 Lautsprecher Teufel GmbH hereby declares that this product complies with the requirements of the directives 2014/30/EU, 2014/35/EU and 2014/53/EU to the extent they are installed and used in accordance with the instructions of the manufacturer. The full text of the EU declaration of conformity is available at the following Internet address:

www.teufelaudio.com/declaration-of-conformity.html

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

Radio network	Frequency bands in MHz	Transmission power in mW/dBm
Bluetooth	2400–2483.5	2.5/4

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



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

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BIKINI Berlin

Budapester Str. 44

10787 Berlin (Germany)

Phone.: 00800 200 300 40 (toll-free)

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

Service: www.teufelaudio.com/service

Contact: www.teufelaudio.com/contact

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