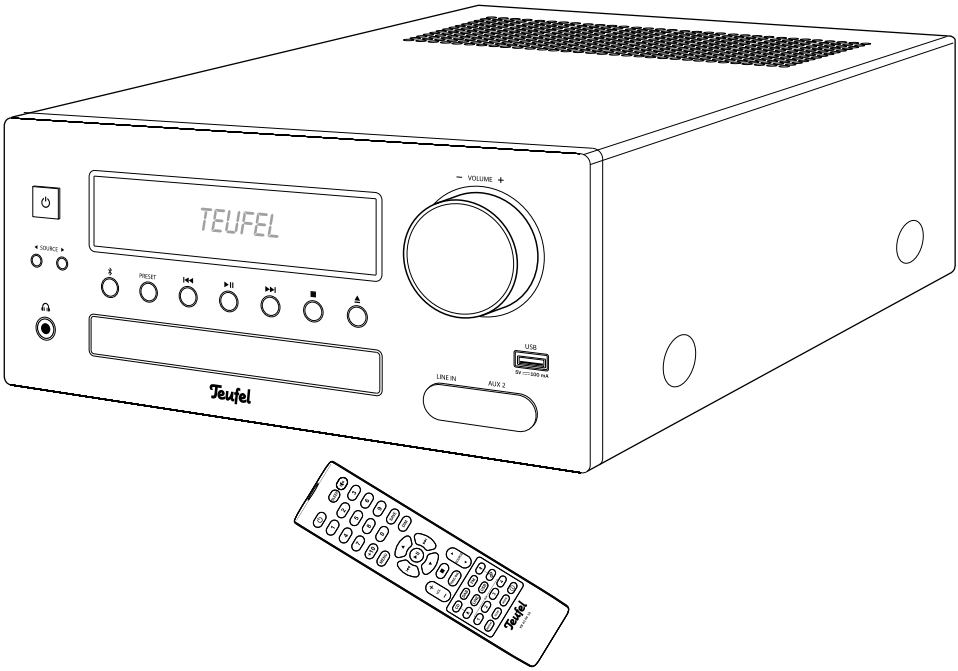
Technical Description And User Manual



Kombo 43

CD receiver with FM, DAB/DAB+,
USB playback and Bluetooth®

Teufel

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General Notes And Information

Notice

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Version 2.0, January 2022

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Bluetooth® The Bluetooth® word mark and Bluetooth® symbol are registered trademarks of Bluetooth SIG, Inc. and any use by Lautsprecher Teufel is licensed.

Original packaging

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

Empty boxes are not available!

Complaints

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

1. Invoice number

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

2. Serial number or batch number

Located on the back 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)

Telephone: 00800 200 300 40 (toll-free)

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

Online support:
www.teufelaudio.com/service

Contact form:
www.teufelaudio.com/contact

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. Store the user manual in a safe place and also be sure to pass it on to any subsequent owner.

NOTICE

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.

For Your Safety

Proper use

The device is designed for the playback of music and speech from CD, USB, external sources and radio stations.

Only use the device 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 device is intended for private use only.

Explanation of terms

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

⚠ 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.

⚠ CAUTION

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.
- Regularly check the device and the mains cord for damage. Immediately disconnect the mains plug from the socket and do not operate the device if its housing is defective or exhibits other visible damages.
- This device is 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 housing of the device or mains adapter. 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.
- Never modify the device. Unauthorised modifications may affect the safety and functionality.
- Never touch the mains plug with wet hands.

⚠ CAUTION

Improper use may lead to damage or fire.

- Do not place open flames such as burning candles or similar on the device.
- Ensure sufficient ventilation.
- Do not expose the device to direct sunlight.
- Do not use the device in environments where there is a risk of explosion.
- 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 other debris have infiltrated the device, immediately pull the mains plug out of the socket. Then send the device to our service address.

⚠ CAUTION

An unsuitable setup location may result in injury and damage.

- Never use the device unmounted in vehicles, in unstable locations, on wobbly tripods or furniture, on insufficiently dimensioned brackets etc. The device could tip or fall down and cause injury to persons or be damaged itself.
- Arrange the device so that it cannot be knocked over accidentally and make sure that the cables do not pose a tripping hazard.
- Do not place the device and the mains adapter near heat sources (e.g. heaters, ovens, other heat generating equipment such as amplifiers).
- Only use the wireless functions (Bluetooth®) in locations where wireless radio transmission is allowed.

⚠ CAUTION

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.
- Never allow children to operate electrical equipment unsupervised.

⚠ 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 your Kombo 43 is set to full volume, it 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 to a low setting before turning on the power.

⚠ CAUTION

Swallowing a product battery may result in severe internal injury or even death.

- Store both new and used batteries so that they are not accessible to children.
- If it is no longer possible to safely close the battery compartment, stop using the remote control and store it so that it is not accessible for children.
- If you suspect that a battery has been swallowed or otherwise incorporated, promptly consult a physician.

⚠ CAUTION

Leaking battery acid may lead to chemical burns.

- Do not allow battery acid to come into contact with skin, eyes or mucous membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.

⚠ CAUTION

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

- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You must not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.
- Do not expose batteries and rechargeable batteries to direct sunlight.

⚠ CAUTION

This product contains magnetic material.

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

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 device or put a blanket under it. This will prevent discolouration of the floor over the long term.

Explanation of symbols

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

Overview

Unpacking

- Carefully open the box and lift the device out of the box.

Package contents

(1) 1× Kombo 43

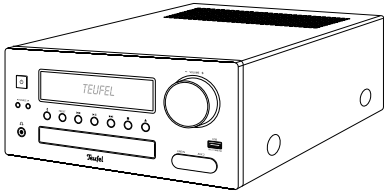
(2) 1× remote control KB 43 RC 19

(3) 1× FM/DAB throw-out antenna

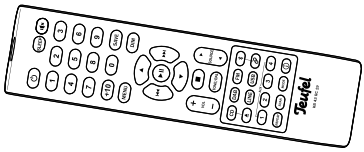
(4) 2× speaker cable

(5) 2× battery

(1)



(2)



(3)

(4)

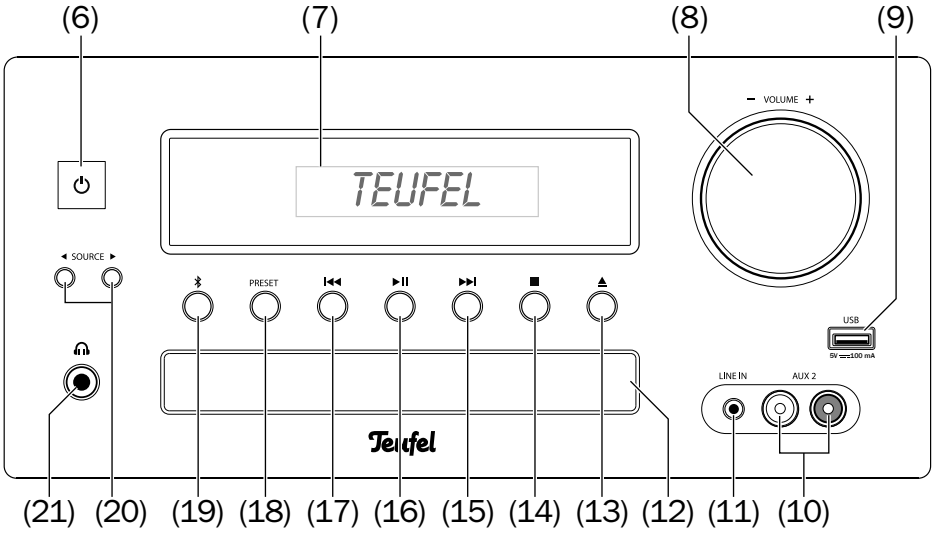
(5)

Checking the package contents

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or exhibits damage from transport, please contact our service team (see page 3).
- Do not in any case operate the device if it is damaged.

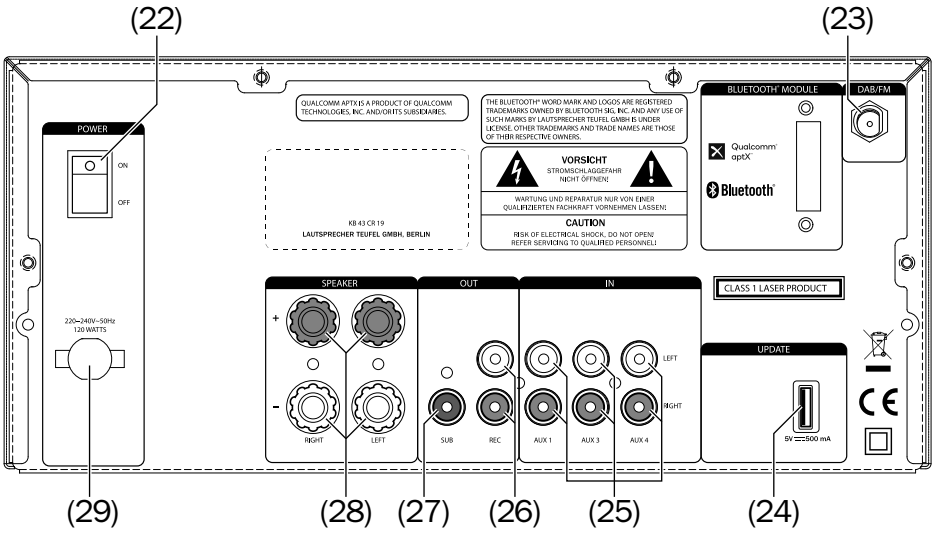
Operational Controls And Connections

Front side



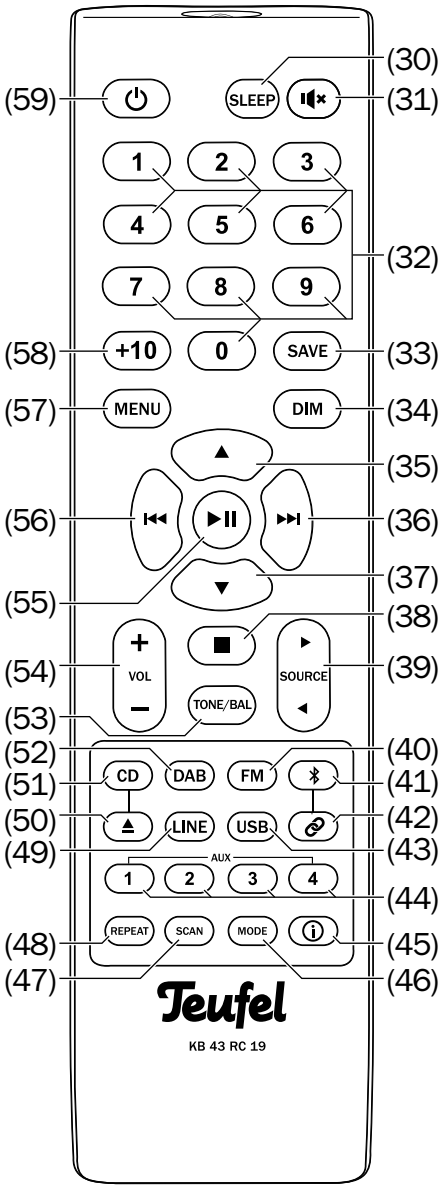
(6) ⏻ – Switch the device on and to standby mode
(7) Display panel
(8) **VOLUME** – Adjust the volume
(9) **USB** – Connection for the playback of music files
(10) **AUX 2** – RCA jacks for connecting an audio source
(11) **LINE IN** – Mini jack plug for connecting an audio source
(12) CD tray
(13) ⏏ – Open the CD tray
(14) ■ – Stop playback
(15) ⏭ – Fast forward/skip ahead
(16) ⏯ – Playback/pause
(17) ⏮ – Fast rewind/skip back
(18) **PRESET** – Save/access station
(19) ᛒ – Start Bluetooth® pairing, terminate existing connection
(20) **SOURCE** – Select audio source
(21) 🎧 – 6.3 mm headphone jack

Back side



- **(22) POWER** – Main power switch
- **(23) DAB/FM** – F connector jack for the antenna
- **(24) UPDATE** – USB jack **only** for service (software update)
- **(25) AUX 1/3/4** – RCA jacks for connecting three audio sources
- **(26) REC** – RCA output jacks for connecting an audio recording device
- **(27) SUB** – Subwoofer output
- **(28) SPEAKER** – Speaker connections
- **(29)** Mains cord

Remote Control



(30) **SLEEP** – Set the sleep time
(31) 🔇 – Mute speaker
(32) **1…0** – Number buttons for entering track numbers
(33) **SAVE** – Save the station
(34) **DIM** – Set the brightness of the display panel
(35) ▲ – Menu navigation
(36) ⏭ – Fast forward/skip ahead
(37) ▼ – Menu navigation
(38) ■ – Stop playback
(39) **SOURCE** – Consecutively select sources
(40) **FM** – Select USW radio as source
(41) ᛒ – Select Bluetooth® as source
(42) 🔗 – Bluetooth® pairing
(43) **USB** – Select USB as source
(44) **AUX 1/2/3/4** – Select AUX 1–4 as source
(45) ⓘ – Show information
(46) **MODE** – For FM: switch between stereo/mono
(47) **SCAN** – FM/DAB: automatically occupy the station memory slots
(48) **REPEAT** – USB/CD: repeat function
(49) **LINE** – Select LINE IN as source
(50) ⏏ – Open/close the CD tray
(51) **CD** – Select CD as source
(52) **DAB** – Select DAB as source
(53) **TONE/BAL** – Set the sound and balance
(54) **VOL** – Adjust the volume

(55) ▶II – Playback/pause
(56) I◀◀ – Fast rewind/skip back
(57) **MENU** – Access the menu
(58) **+10** – Increase the track number in increments of ten
(59) ⏻ – Switch the device on or to standby

Inserting/changing the batteries

The remote control is powered by 2 type AAA batteries.

You should change the batteries if the remote control stops working properly or after 2 years at the latest:

1. Push the latch of the battery compartment on the back of the remote control down and take the cover up and off.
2. If applicable, remove any old batteries (please observe the disposal notes on page 44).
3. Insert the batteries in the battery compartment as shown on the back of the remote control.
4. Place the cover back on the compartment and push it closed.

Functionality

The remote control relays the control signals by means of infrared light. For this, you will have to point the front side of the remote control towards the Kombo 43. Make sure that the infrared light is not obstructed by objects.

⚠ **CAUTION**

Leaking battery acid may lead to chemical burns.

– *Do not allow battery acid to come into contact with skin, eyes or mucous membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.*

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

– *Never attempt to recharge batteries.*
– *Only use batteries of the same or equivalent type.*
– *You must not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.*
– *Do not expose batteries and rechargeable batteries to direct sunlight.*

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 approx. 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.
- Do not place any heavy objects on the cables or the device.

⚠ CAUTION

Risk of injury/damage!

– *Lay the cables so that they do not pose a tripping hazard.*

Connecting the speakers

Use the enclosed cables **(4)** or an equivalent double-core speaker wire with a diameter of at least 0.5 mm^2 to connect the speakers. You can order corresponding cables in our webshop (www.teufelaudio.com) in the “Accessories” area.

On the back side of the Kombo 43 are the SPEAKER connecting terminals **(28)** for the “Right” and “Left” speaker.

Here you can connect the speaker cables directly or using pin plugs. Only a direct connection is described here.

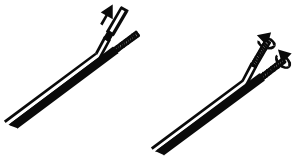
The terminals are each marked red (+) and black (-).

NOTICE

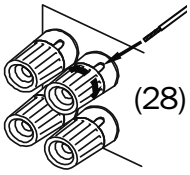
Make sure the polarity is correct!

Connect the like coloured terminals. Otherwise, the sound quality will suffer. The strands of the speaker single wire are marked with different colours or shapes.

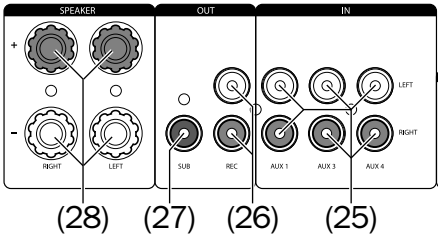
1. Split the speaker cables down to approx. 30 mm on both ends and strip approx. 10 mm of insulation off.



2. Twist the single wire so that no strands are protruding.
3. Turn the connector terminal **(28)** anticlockwise until loose.
4. Run the stripped cable end into the now visible hole.
5. Close the terminal by turning it counter-clockwise. The cable has now been clamped in place.



The steps for connecting the cables to the speakers should be described in the user manual of the speakers.



Subwoofer

You can connect an active subwoofer to the OUT SUB jack **(27)**. Only low frequency audio signals are emitted at this jack.

Audio output

The audio signal is emitted without tone control at the REC OUT RCA jacks **(26)**. You can connect a recording device (e.g. cassette recorder) here.

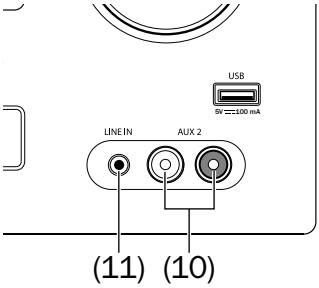
Muting and the settings of sound and balance have no effect on this output.

Audio inputs

You can connect almost any audio source to the AUX 1/3/4 RCA jacks **(25)**, that is, a computer, MP3 player (with/without a dock), game console, TV set etc. The external player only has to feature an output with a line control. This kind of output is either a stereo RCA jack or a 3.5 mm jack plug socket. Connect these units to the AUX 1/3/4 jacks **(25)** using an appropriate connector cord.
Cables are available from our online shop (www.teufelaudio.com) in the “Accessories” section.

There are two other audio inputs on

the front side: AUX 2 **(10)** with RCA jacks and LINE IN **(11)** as a 3.5 mm jack plug socket. Here, you can connect an audio source (e.g. MP3 player or mobile phone) “on the fly” without having to turn the Kombo 43 over.



Antenna

You can use the enclosed throw-out antenna **(3)** to receive DAB+ and FM (USW).

1. Insert the antenna in the DAB/FM jack **(23)** and screw the union nut tight.
2. Change the position of the throw-out antenna until the reception for both bands (FM and DAB) is optimal.
3. Then fix the loose end with tape.

– Of course, you can also connect an active room or roof antenna for DAB/FM to the DAB/FM jack **(23)**.

⚠ CAUTION

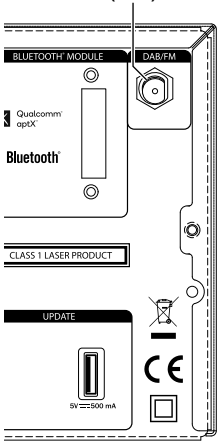
Risk associated with lightning strike!

– *If you are using outdoor or roof antennas, be absolutely sure that the antenna system has lightning protection.*

– You can also use an antenna adapter to connect the Kombo 43 with a cable connection. However, DAB+ reception is not possible in all networks. Ask your cable provider.

(3)

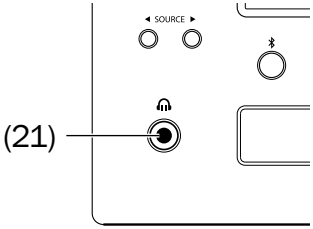
(23)



Headphones

You can connect stereo headphones with a 6.3 mm jack plug to the 🎧 jack **(21)**.

The speakers and the subwoofer output automatically switch off when headphones are connected.



⚠ CAUTION

Extended listening at high volumes may lead to hearing loss.

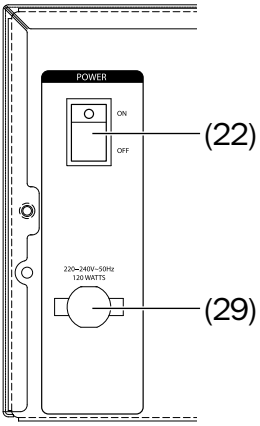
– *To avoid damage to health, avoid extended listening at high volumes.*

Risk of injury/damage!

– *Decrease the volume before you pull the headphone plug out again. Otherwise, the speakers may unexpectedly "blare out" very loud sound. This could injure your hearing or damage the device.*

Power supply

1. Ensure that the main power switch POWER **(22)** on the back of the device is switched off ("OFF" position).
2. Connect the mains cord **(29)** with a mains socket.



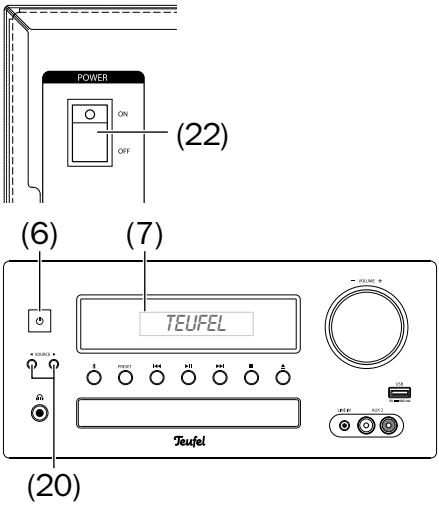
Activating and deactivating

– Switch your Kombo 43 on and off with the switch POWER **(22)** on the back of the device.
After it has been switched on, the device will be in standby and the ⏻ button **(6)** will be illuminated in red.

– Turn the Kombo 43 on or to standby with the ⏻ button **(6)**/**(59)**.

• After switching the device on, the last active audio source and volume will be set.

• If the Kombo 43 does not receive an audio signal or one that is too quiet for more than 20 minutes, it will automatically switch to standby.



Selecting a source

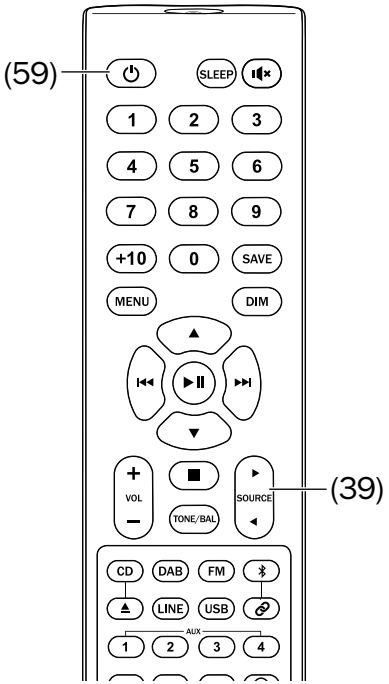
– By repeatedly pushing the SOURCE buttons ◀▶ **(20)**/**(39)**, you select the source in this order:

• CD – playback from CD (see „CD Mode“ on page 32).

• DAB – digital radio reception (see „DAB/DAB+“ on page 27).

• FM – analogue radio reception (see „FM/USW“ on page 26).

• BT – digital source via wireless Bluetooth® connection (see „Bluetooth® Mode“ on page 29).



- LINE IN – analogue source via the LINE IN jack **(11)**.
- USB – playback of USB storage devices (see „USB playback“ on page 35).
- AUX 1-4 – analogue source via the jacks AUX 2 **(10)** and AUX 1/3/4 **(25)**.

– Select the corresponding source directly with the buttons CD **(51)**, DAB **(52)**, FM **(40)**, ᛒ **(19)**/**(41)**, LINE **(49)** and USB **(43)**.

The selected source will appear on the display panel **(7)**.

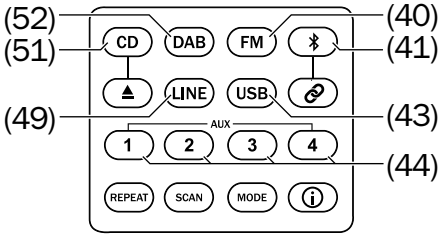
Adjusting the volume

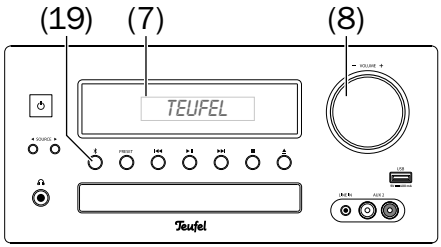
- Increasing the volume: Turn the VOLUME control **(8)** clockwise or push the Vol + button **(54)**.
- Decreasing the volume: Turn the VOLUME control **(8)** anticlockwise or push the Vol – button **(54)**. The current value will appear on the display panel **(7)** while making the setting.

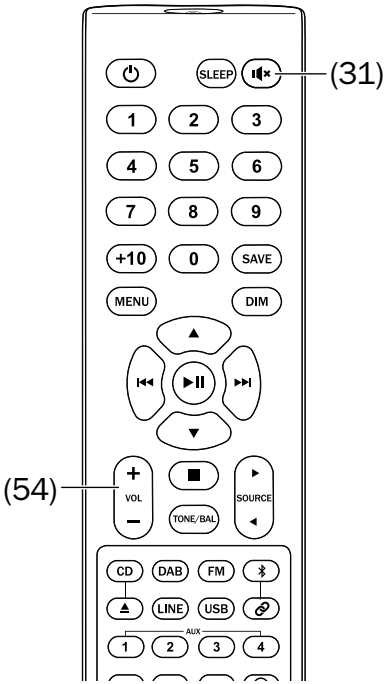
The volume setting of an external player often affects the volume of the Kombo 43.

Mute

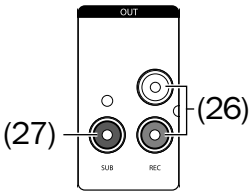
– Use the 🔇 button **(31)** to turn the sound off.
The message “MUTE ON” will appear on the display panel **(7)**. At the same time, the OUT SUB subwoofer output **(27)** will also be switched off, the REC OUT audio output **(26)** will remain active.







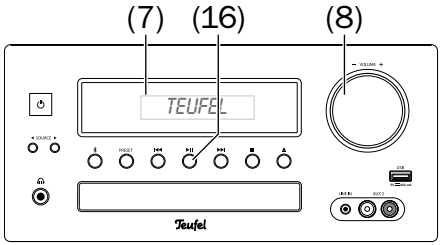
– To turn the sound back on: Push the 🔇 button **(31)** again or change the volume.
– You can also switch the sound on and off with the ▶II button **(16)**/**(55)**. During CD or Bluetooth® playback, playback is stopped in the process. With all other sources, only the sound will be switched off.

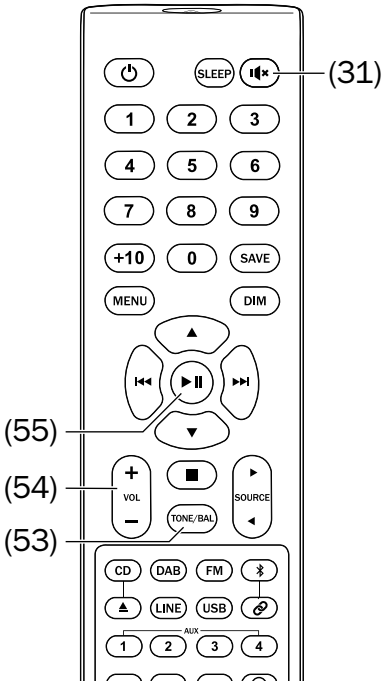


Adjusting the sound and balance

- You can adjust the sound in two areas (treble and bass).
- With the balance, you set the sound level ratio between the right and left speaker.

1. Push the TONE/BAL button **(53)**. The message “Bass” and the set value for the low tones (bass) from −14 db to +14 db will appear on the display panel **(7)**.
2. Use the VOLUME control dial **(8)** or the VOL +/− buttons **(54)** to adjust the bass level to your liking.
3. Push the TONE/BAL button **(53)** again.
   The message “Treble” and the set value for the high tones from −14 db to +14 will appear on the display panel **(7)**.
4. Use the VOLUME control dial **(8)** or the VOL +/− buttons **(54)** to adjust the treble level.





5. Push the TONE/BAL button **(53)** again.
   The message “Balance” and the current balance as a graphic will appear on the display panel **(7)**.
6. Use the VOLUME control dial **(8)** or the VOL +/– buttons **(54)** to move the balance to the left or right.
7. Finish by pushing the TONE/BAL button **(53)**.

The device will return to normal operation after three seconds of button inactivity.

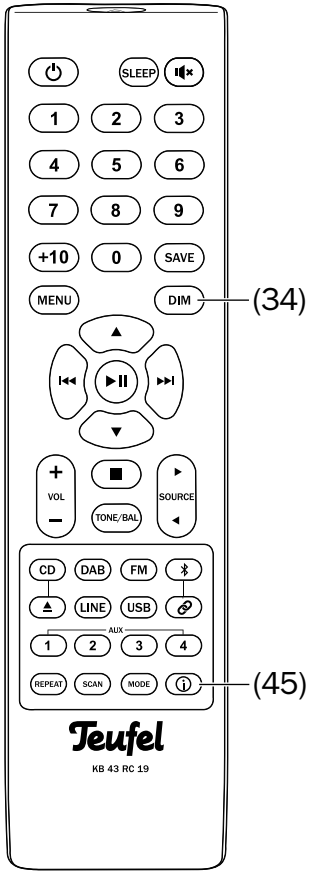
You can also make these settings via the menu.

Adjusting the brightness of the display panel

Push the DIM button **(34)** multiple times to set the brightness of the display panel to one of six levels.

Showing information

Push the INFO button **(45)** multiple times to access the available information about the current source being played. For MP3 files, this may be the track and artist name; with FM, this may be the RDS data, with DAB the station name and reception strength.



Menu

You can perform the following functions via the menu:

- Adjusting the sound and balance
- Setting the sleep function
- With DAB and FM: Search for stations that can be received and automatically occupy the station memory slots
- Access the version of the installed system software
- Perform a software update
- Reset the Kombo 43 to the factory default settings

1. To access the menu:

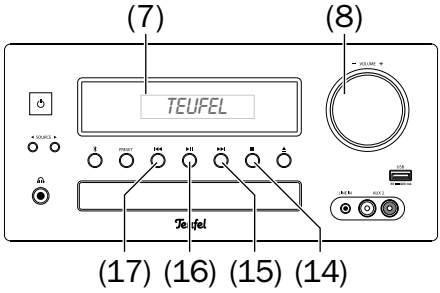
– push the MENU button **(57)**

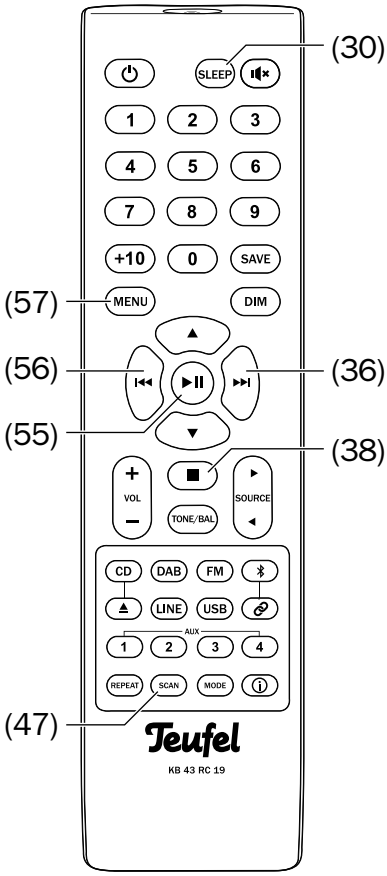
or

– push the VOLUME control **(8)** for one second

The first menu item “Bass” will appear on the display panel **(7)**.

2. Use the navigation buttons ▲ **(35)**/▼ **(37)** or the skip buttons ⏮ **(17)**/**(56)** ⏭ **(15)**/**(36)** or the VOLUME control **(8)** to select the desired menu item.
3. Access the menu item with the ⏯ button **(16)**/**(55)** or by tapping the VOLUME control **(8)**.





Leaving the menu

To leave the menu, push the MENU button **(57)** or ■ **(14)**/**(38)** multiple times until the normal indicator appears again on the display panel.

Adjusting the sound

Bass and **Treble** menu items:

As described on page 20, you can set the values for low tones (bass) and high tones (treble) with the VOLUME control dial **(8)** or the VOL +/– buttons **(54)** here.

Finish by pushing the ▶II button **(16)**/**(55)**.

Adjusting the balance

Balance menu item:

As described on page 20, you can set the sound level ratio between the right and left speaker with the VOLUME control dial **(8)** or the VOL +/– buttons **(54)** here.

Finish by pushing the ▶II button **(16)**/**(55)**.

Sleep function

Sleep menu item:

Here, you can set a time until the Kombo 43 switches to standby.

Possible values: 5 to 90 minutes. The “Sleep Off” setting deactivates the sleep function.

You can also set this function with the SLEEP button **(30)** (see page 38).

Saving radio stations automatically

FM Scan and **DAB Scan** menu items:

With this, you can start the automatic station search for FM or DAB. The device saves the first 20 stations for the corresponding mode. The radio will then switch to the station in memory 1.

You can also start this automatic assignation with the SCAN button **(47)** (see „Saving stations automatically“ on pagepage 23).

Accessing the version of the system software.

System Info menu item:

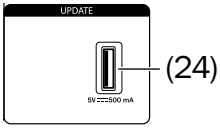
Based on the MCU version shown here (e.g. “V1.07”), you can determine whether new system software is available on our website www.teufelaudio.com/software-updates.html.

Loading new system software

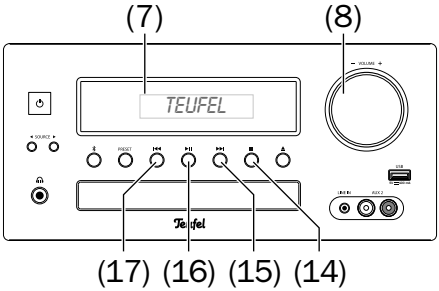
MCU Upgrade menu item:

1. Download the new system software from our website www.teufelaudio.com/software-updates.html.
2. Once downloaded, unpack the file to a USB stick (FAT32 format).

3. Insert the USB stick in the Update USB port **(24)**.



4. Use the navigation buttons ▲ **(35)**/▼ **(37)** or the skip buttons ⏮ **(17)**/**(56)** ⏭ **(15)**/**(36)** or the VOLUME control **(8)** to select the option:
<Yes> – load the system software
<No> – cancel



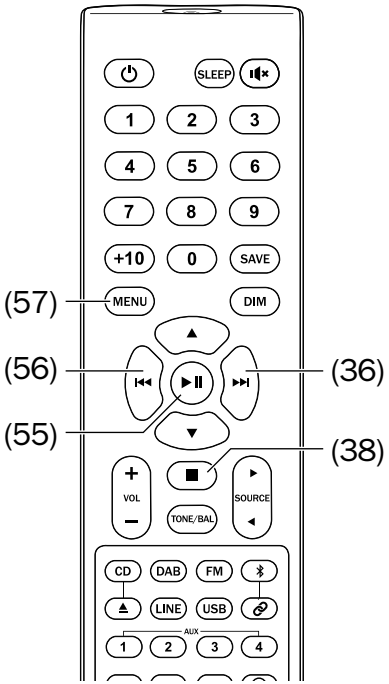
5. Confirm with the ⏯ button **(16)**/**(55)** or by tapping the VOLUME control **(8)**.
By selecting “Yes”, the Kombo 43 will load the new software from the USB stick.

NOTICE

Risk of damage!
You must not interrupt this process!

– *Do not switch the Kombo 43 off and do not disconnect the USB stick.*

6. The Kombo 43 will switch off once the software has been installed.
7. Pull out the USB stick.
8. Switch the Kombo 43 back on.
The new software is active.



Resetting the Kombo 43 to the factory default settings

Factory Reset menu item:

This clears all station memory slots and all modified settings.

1. Use the navigation buttons ▲ **(35)**/▼ **(37)** or the skip buttons ⏮ **(17)**/**(56)** ⏭ **(15)**/**(36)** or the VOLUME control **(8)** to select the option:
   <Yes> – factory default settings
   <No> – cancel
2. Confirm the selected option with the ⏯ button **(16)**/**(55)** or by tapping the VOLUME control **(8)**. If you select "Yes", the Kombo 43 will switch off after a short time. Once you have switched the device on again, the factory default settings will be restored.

Radio Playback

The Kombo 43 is equipped with a radio for DAB+ and FM/USW.

- **DAB** – Reception of digital radio stations in the band from 174.928 to 239.2 MHz (block 5A to 13F), display of data/text possible.
- **FM** – Reception of analogue mono and stereo stations from 87.5 to 108 MHz, RDS mode possible

20 memory slots are available for your favourite stations.

FM/USW

– Push the FM button **(40)** or select "FM" with the SOURCE buttons ◀▶ **(20)**/**(39)**.

Setting the radio stations

Set the receiving frequency with the skip buttons ⏮ **(17)**/**(56)** ⏭ **(15)**/**(36)**:

– Automatic: Pushing the button for approx. one second initiates station scanning in the desired direction (then release the button) until the radio turns to the next station with sufficient transmission power.

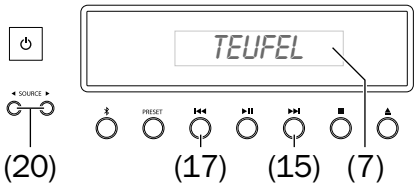
– Manual: Each time you tap the button, the frequency will be increased or decreased by 0.05 MHz.

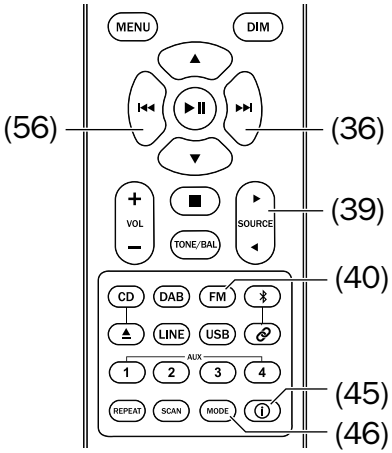
The set frequency is displayed on the display panel **(7)**.

If the station transmits an RDS signal, the name of the station and, if applicable, the radio text will appear on the display panel **(7)** after a few seconds.

– With the ⓘ button **(45)**, you can switch the display of the RDS information on the bottom line of the display panel **(7)** between station name, radio text, time and programme type.

In stereo mode, you may experience noticeable noise with weak stations. In this case, you switch to mono-mode by tapping the MODE button **(46)**.





DAB/DAB+

– Push the DAB button **(52)** or select “DAB” with the SOURCE buttons ◄► **(20)**/**(39)**.

DAB station scanning will automatically start the first time you access DAB. In the process, the first 20 stations that are found are assigned to the station memory slots 01–20. The progress of the scan will be shown on the display panel **(7)**.

– If necessary, you can activate the scan at any time by pushing the SCAN button **(47)**.

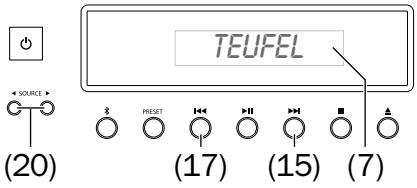
Once station scanning ends, the first station that is found will be played.

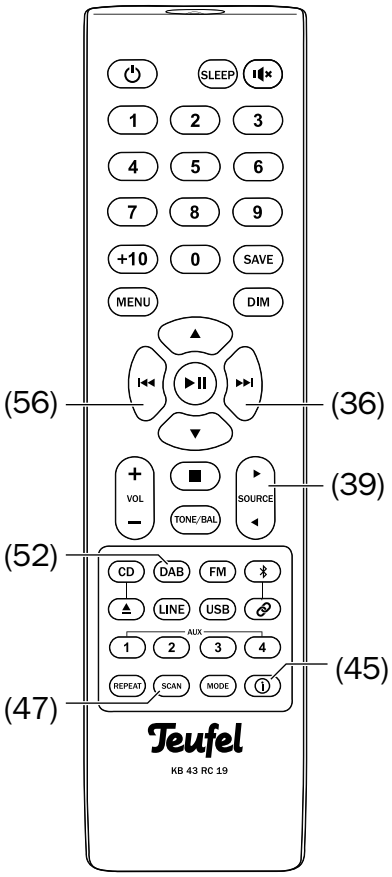
On the display panel **(7)**, you will see the name of the station and underneath the current song being played.

– By tapping the ⓘ button **(45)**, you can display further information in sequence: Programme type, ensemble (station package), block/frequency, sampling rate, time/date and signal strength.

Setting stations

– You can switch between the stations that were found using the skip buttons ⏮ **(17)**/**(56)** ⏭ **(15)**/**(36)**.





Station memory

Your radio can save 20 stations for each of the two modes. You can then easily select saved stations at the touch of a button.

Saving stations manually

With the remote control:

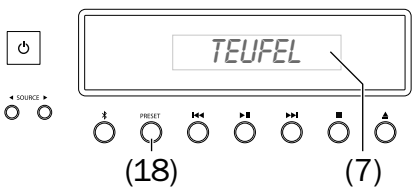
1. Set the desired station as described above.
2. Tap the SAVE button **(33)** "M – –" or "Memory – –" will appear on the display panel.
3. Enter the desired two-digit memory slot number (01–20) using the number buttons 1...0 **(32)**. The message "Stored Preset xx" will appear on the display panel **(7)** (the slot number will appear instead of "xx"). The station has now been saved.

The device will return to normal operation after three seconds of button inactivity.

On the device:

– Pushing and holding the PRESET button **(18)** will save the set station to the next free memory slot.

If the station has already been saved, the message "Already Saved" will appear.



Saving stations automatically

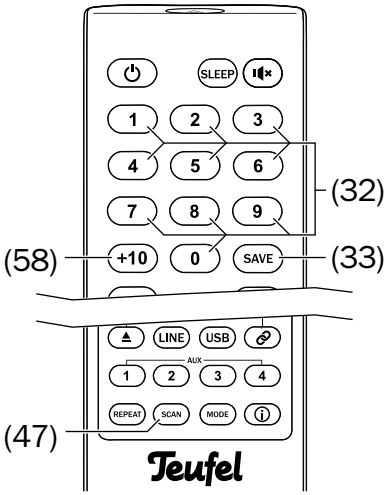
Hold the "SCAN" button **(47)** down for a few seconds to start the automatic station scan. The device saves the first 20 stations for the mode. The radio will then switch to the station in memory 1.

You can also start this automatic assignment via the menu (see „Saving radio stations automatically" onpage 28).

Selecting stations from the memory

You can select the saved stations with the number buttons 1...0 **(32)**. You can access the memory slots with double-digit numbers with the "10+" button **(58)**.

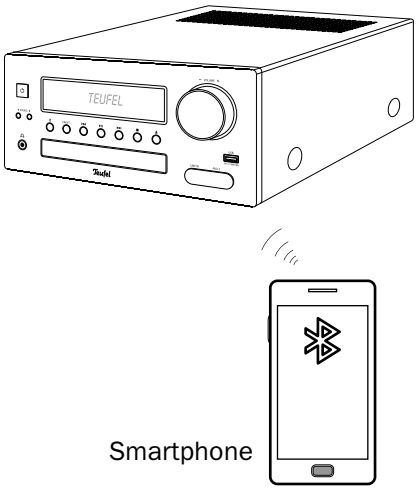
Or you access the memory slots consecutively by tapping the PRESET button **(18)**.



Bluetooth® Mode

Via Bluetooth®, you can establish a wireless connection between a compatible external player and the Kombo 43. The audio output of the external player is then emitted by the Kombo 43.

The Bluetooth® wireless transmission system has a range of approximately 10 metres that is limited by walls and furnishings. If the connection is cut off, the Kombo 43 will attempt to re-establish a connection until you select another source.



NOTICE

– *Only use the Bluetooth® function in locations where wireless radio transmission is allowed.*
– *Please keep in mind that the Bluetooth® behaviour may differ depending on the external player's operating system.*

Bluetooth® options

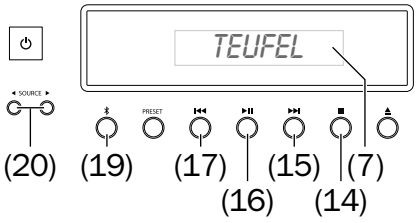
Depending on the device type, your external player/smartphone may also have a menu for Bluetooth® options such as media playback. Here you can activate and deactivate the desired options. You can find more information about the Bluetooth® options in the user manual for your external player/smartphone.

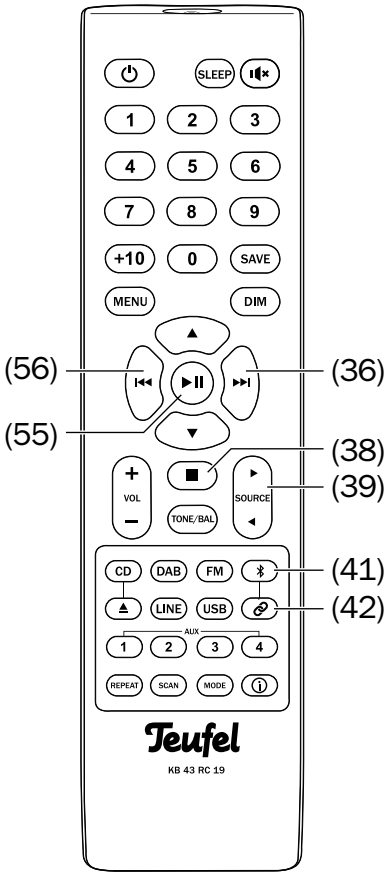
Pairing

To play the audio of your external player on your Kombo 43 via Bluetooth®, connect the devices with each other. This is called “Pairing”.

1. Push the ᛒ button **(19)**/**(41)** or select “BT” with the SOURCE buttons ◀▶ **(20)**/**(39)**.
2. To start pairing, tap the 🔗 button **(42)** or hold the ᛒ button **(19)** on the Kombo 43 for approx. two seconds. The message “Pairing” will flash on the display panel **(7)**.
3. Activate the Bluetooth® function on your external player (e.g. smartphone).
4. Let your external player/your smartphone search for Bluetooth® devices (see the user manual for the external player to do so). After the search run, the “Teufel KB 43 CR 19” should also be present in the list of detected devices.
5. Select “Teufel KB 43 CR 19” from the list of detected devices.
6. If your external player asks for a code, enter “0000” (four zeros).

Pairing is now complete. “Connected” will appear on the display panel and all sounds that would otherwise be played by your external player/ smartphone will now be played back by the Kombo 43. The name of the connected device (to the extent transmitted) appears on the display panel after a short time.





Playback

The volume setting of the external player affects the volume of the Kombo 43.

1. Push the ᛒ button **(19)**/**(41)** or select “BT” with the SOURCE buttons ◀▶ **(20)**/**(39)**.
2. Turn on the Bluetooth® function on your source device.
3. Start playback on your source device.
   The codec used will also be shown next to the name of the source device during playback (e.g.: “SBC 44.1 kHz”).

You can control playback on your source device. You can also control some functions on the Kombo 43:

- Pause playback:
  Tap the ▶II button **(16)**/**(55)**.
- Continue playback:
  Tap the ▶II button**(16)**/**(55)** again.
- Play next track:
  Tap the ►►I button **(15)**/**(36)**.
- Restart the current track:
  Tap the I◄◄ button **(17)**/**(56)**.
- Play previous track: Tap the I◄◄ button **(17)**/**(56)** twice.
- Stop playback:
  Push the ■ button **(14)**/**(38)**.

• If your source device is a smartphone, the Bluetooth® connection will be interrupted in the event of an incoming call and you can make phone calls as usual. After finishing your phone call, the sounds will once again be diverted and played back by your Kombo 43.

Interruption of connection

If your external player moves out of the range of your Kombo 43, the Bluetooth® connection will be interrupted. If you are back within range within 120 seconds, the connection will be re-established automatically.

Terminating the connection

To terminate the Bluetooth® connection,

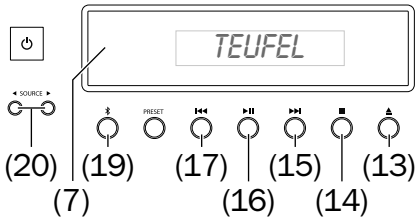
- deactivate the Bluetooth® function on your external player/smartphone or
- tap the 🔗 button **(42)** or hold the ᛒ button **(19)** on the Kombo 43 for approx. two seconds or
- select another source on the Kombo 43.

CD Mode

Only use commercially-available CDs carrying one of the adjacent symbols.

The Kombo 43 can read normal CDs with a diameter of 80 and 120 mm as well as music files in the audio CD, MP3, M4A and WMA formats saved on them.

CDs burnt on a home system can normally be read but an excessively high burn speed or defective blank discs can cause problems.



⚠ CAUTION

Health hazard!

Operating the device when the housing is open will cause an invisible or visible laser beam to be emitted.

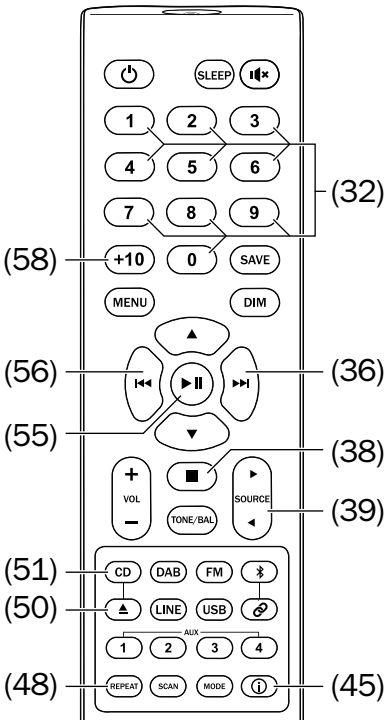
– *Do not look into the beam, even if you are using optical instruments.*

NOTICE

Risk of damage!

– *Never insert multiple CDs on top of each other.*

– *Do not insert any other objects than CDs.*



Disc playback

1. Push the ⏏ button **(13)**/**(50)**. The CD tray will eject to the front and "CD" will be shown as source.
2. Insert the CD carefully into the depression inside the CD tray with the printed side facing up.
   Notice: The CD tray will automatically close after approx. 60 seconds of inactivity.
3. Push the ⏏ button **(13)**/**(50)**. The CD tray will close and the message "Loading" will appear on the display panel. After a few seconds, the number of tracks on the CD will appear on the display panel.
4. Start playback with the ▶II button **(16)**/**(55)**.
   You will see the number of the track, the elapsed time and (if present) the name of the track on the display panel.

– You can access further information about the track with the ⓘ button **(45)**.

– You can access a certain track by entering its number with the number buttons 1…0 **(32)**. For track numbers above 9, first tap the 10+ button **(58)** and then enter the desired double-digit track number with the number buttons 1…0 **(32)**.

– Pause/continue playback: Tap the ▶II button **(16)**/**(55)**.

– Play next track: Tap the ►►I button **(15)/(36)**.

– Play the track or chapter from the beginning: Tap the I◄◄ button **(17)/(56)**.

– Play the previous track or previous chapter: Tap the I◄◄ button **(17)/(56)** twice.

– Fast track playback: Push and hold the button I◄◄ **(15)/(36)** or ►►I **(17)/(56)** for a second. Playback will occur in increments at approx. 4 times the normal speed; the elapsed time for the track will appear on the display panel **(7)**. To continue normal playback, push the button again for a second.

– Stop playback: Push the ■ button **(14)**/**(38)**.

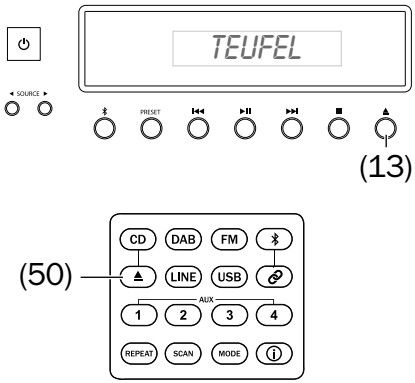
Repeat

Access the following functions one after another with the REPEAT button **(48)**:

- Repeat Off – normal playback.
- Repeat One – current track is repeated endlessly.
- Repeat Dir – all tracks in the current folder/directory of the data CD are played back endlessly in order.
- Repeat All – all tracks on the CD will be played back in order. Afterwards, playback restarts with the 1st track.

Ejecting the disc

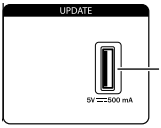
1. Push the ⏏ button **(13)**/**(50)**. The CD tray will eject to the front.
2. Carefully remove the CD.
3. Push the ⏏ button **(13)**/**(50)**. The CD tray will close. The CD tray will automatically close after approx. 60 seconds of inactivity.



USB playback

Your Kombo 43 has two USB ports:

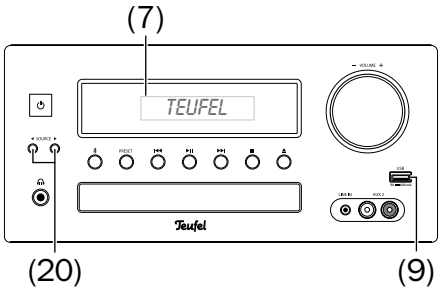
- The rear UPDATE port **(24)** only serves to load updates or charge USB devices (5 volts, 500 mA, also when in standby) and can not read audio data.

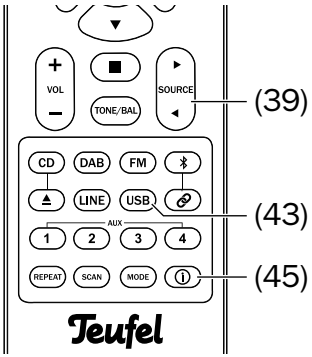


- The front USB port **(9)** can read USB memory sticks and USB hard drives with the specifications 1.0 to 3.0 in the FAT32 format with max. 32 GB and play back music files in the MP3, M4A and WMA formats saved on it. Up to 5,000 files can be saved on it in up to 8 directory levels.

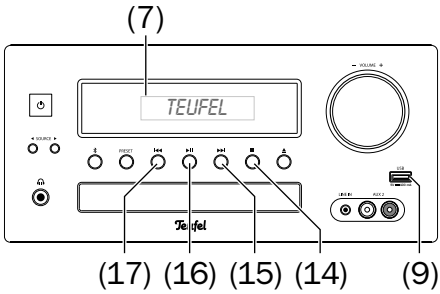
Connecting and playing back a USB device

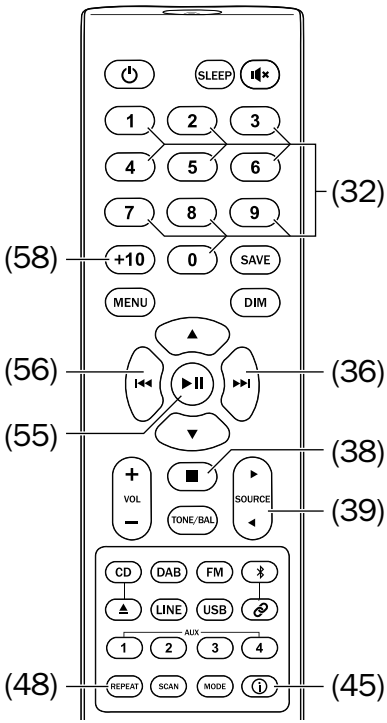
1. Insert the plug of your USB device into the USB port **(9)**. The plug only fits the jack in one orientation.
2. Push the USB button **(43)** or select “USB” with the SOURCE buttons ◀▶ **(20)**/**(39)**.
3. The Kombo 43 will read the USB device. The message “Loading” will appear on the display panel **(7)**. After a short time, the number of readable files will be shown.
   If no readable files are found on the USB stick, “No USB” will appear on the display panel.





– Start playback: Tap the ▶II button **(16)**/**(55)**.
  You will see the number of the track, the elapsed time and (if present) the name of the track on the display panel **(7)**.
– You can access further information about the track with the ⓘ button **(45)**.
– You can access a certain track by entering its number with the number buttons 1…0 **(32)**. For track numbers above 9, first tap the 10+ button **(58)** and then enter the desired double-digit track number with the number buttons 1…0 **(32)**.
– Pause/continue playback: Tap the ▶II button **(16)**/**(55)**.
– Play next track: Tap the ▶▶I button **(15)**/**(36)**.
– Play the track or chapter from the beginning: Tap the I◀◀ button **(17)**/**(56)**.
– Play the previous track or previous chapter: Tap the I◀◀ button **(17)**/**(56)** twice.
– Fast track playback: Push and hold the button I◀◀ **(15)**/**(36)** or ▶▶I **(17)**/**(56)** for a second. Playback will occur in increments at approx. 2 times the normal speed; the elapsed time for the track will appear on the display panel **(7)**. To continue normal playback, push the button again for one second or tap the ▶II button **(16)**/**(55)**.
– Stop playback: Push the ■ button **(14)**/**(38)**.





Repeat

Access the following functions one after another with the REPEAT button **(48)**:

- Repeat Off – normal playback.
- Repeat One – current track is repeated endlessly.
- Repeat Dir – all tracks in the current folder/directory of the data CD are played back endlessly in order.
- Repeat All – all tracks on the CD will be played back in order. Afterwards, playback restarts with the 1st track.

Removing the USB device

NOTICE

Risk of damage!

– *Never remove the USB device while the Kombo 43 is still accessing it!*

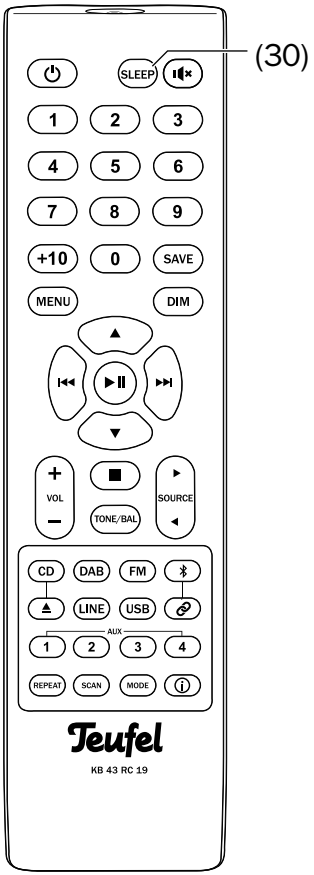
1. End playback with the ■ button **(14)**/**(38)** or select another source.
2. Wait approx. one second.
3. Pull the USB plug out of the jack.

Sleep function

This function allows the Kombo 43 to switch itself off after a preset period of time.

1. Start the desired playback.
2. Push the SLEEP button **(30)**.
   The message “Sleep 5 min” will appear on the display panel.
3. Push the SLEEP button **(30)** again multiple times to select the desired time to switch off between 5 and 90 minutes.
   The “Sleep Off” setting deactivates the sleep function.

You can also set this function via the menu (see „Sleep function“ on page 23).



Care And Cleaning

NOTICE

External influences may damage or destroy the device.

– *If the device is to be left unsupervised for a prolonged period of time (e.g. during a holiday), or if a thunderstorm is forecast, disconnect the mains adapter from the socket. Otherwise, sudden overvoltage could cause the device to become defective.*

– *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.

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 3). Take note of the warranty instructions.

Problem	Possible cause	Solution
No function	No power supply	Check the function of the socket with another device.
The device doesn't emit any sound	The wrong source has been selected	Select the right source (see page 18).
	The volume is set to "0"	Increase the volume.
	The volume of the external player has been set too low	Carefully increase the volume of the external player.
No sound in Bluetooth® mode	No Bluetooth® connection	Establish a connection (see page 30).
	Kombo 43 has not been selected as the output device	On the external player, select "Teufel KB 43 CR 19" as the Bluetooth® output device.
	Bluetooth® connection impaired by another radio system (e.g. cordless telephone, Wi-Fi)	Set up the Kombo 43 and/or external player in another location. Move to another room to test.
The subwoofer hums.	The hum is due to line disturbance.	Buy a mains filter and connect both devices to it.
	The humming is caused by a multiple socket strip.	Use a different multiple socket strip or connect the subwoofer directly to the wall socket. It may also help to insert the mains plug in the socket the other way around.

Playback is noisy.	Generally speaking, the Kombo 43 is a very low-noise system. In the high range area, very high-resolution speaker systems 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 Kombo 43.

Declaration Of Conformity

CE Lautsprecher Teufel GmbH declares that this product complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found at this web address:

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

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

Radio network	Frequency bands in MHz	Transmission power in mW/ dBm
Bluetooth®	2.400–2.483.5	2.5/4

Technical Data

Dimensions (W × H × D)	273 × 136 × 370 mm
Weight	5.4 kg
Operating voltage	220–240 V~, 50 Hz, 120 W max.

You can find further technical data on our website. Technical changes reserved!

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 (⩽ 25cm) 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 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. 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.

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.

Important information about the Batteries Act (Germany: BattG)

Batteries and rechargeable batteries must not be disposed on in household waste.

Old batteries can contain toxic substances that could damage the environment or your health if not stored or disposed of properly. This applies especially to improper handling of batteries containing lithium.

However, batteries also contain important raw materials such as iron, zinc, manganese and nickel and these can be reused. Separate collection enables recycling of these raw materials and avoids any negative impact on the environment or human health due to toxic substances being released.

The crossed-out dustbin symbol means that you should not dispose of old batteries and rechargeable batteries in household waste. In addition, you, as the end-user, are legally obliged to return old batteries.

You can hand in batteries and rechargeable batteries free of charge at an official return point such as any public waste disposal collection point. You can also hand in old batteries, that we stock or have stocked as new batteries, at one of our Teufel stores or at one of our dispatch warehouses. However, if you send them to our dispatch warehouses we would like to point out the dangerous goods regulations of the dispatch provider you opt for and ask you not send batteries to us by post. You can get the addresses of our dispatch warehouses from our customer service.

Due to existing legal regulations, the battery manufacturer must use the following symbols with the following meanings when marking the batteries.

Hg: the battery contains more than 0.0005 mass percent of mercury

Pb: the battery contains more than 0.004 mass percent of lead

Cd: the battery contains more than 0.002 mass percent of cadmium

Otherwise, to avoid waste and littering, batteries with a long service life or rechargeable batteries should be used. Exchangeable rechargeable batteries enable long service for electrical and electronic appliances and thus devices and rechargeable batteries can be prepared for recycling (e.g. regenerating/exchanging rechargeable batteries).

Further information on preventing waste for consumers can, however, be found in the Federal waste prevention programme with the participation of the Federal states.

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

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Fax: +49 (0)30 - 300 930 930
Online-support:
www.teufelaudio.com/service
Contact:
www.teufelaudio.com/contact

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