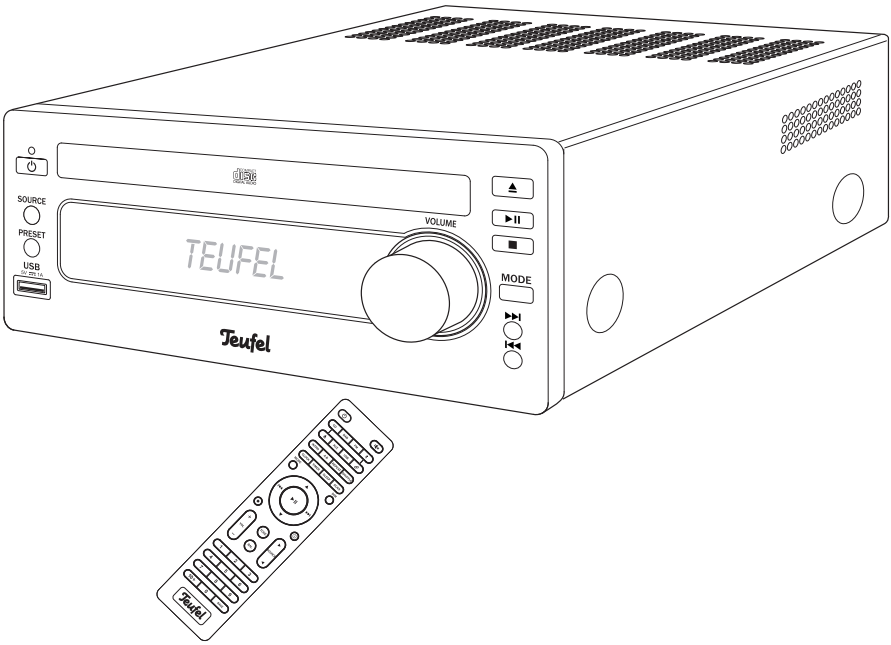
Technical Description And User Manual



Kombo 11

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 2.1, May 2022

Trademarks

® All trademarks are the property of their respective owners.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Lautsprecher Teufel is under license. Other trademarks and trade names are those of their respective owners.

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 adapter for damage. Immediately disconnect the mains adapter from the socket and do not operate the device if its case is defective or exhibits other visible damages.
- This device is disconnected from the mains by pulling the mains adapter. Therefore make sure that the socket is always easily accessible.
- If the unit emits smoke or smells of burning or emits unusual sounds, disconnect it immediately from the mains and do not operate it anymore.
- 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 adapter 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®, Wi-Fi) 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 11 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

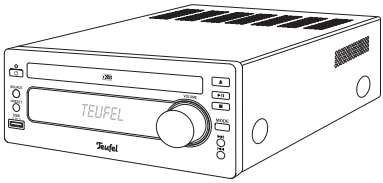
Unpacking

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

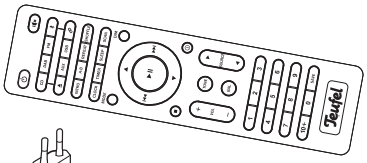
Package contents

(1) 1× Kombo 11
(2) 1× remote control KB 11 RC 19
(3) 1× mains adapter
(4) 1× FM/DAB throw-out antenna
(5) 2× speaker cable
(6) 2× battery

(1)



(2)



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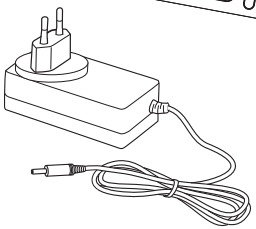
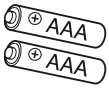


(4)

(5)

(6)

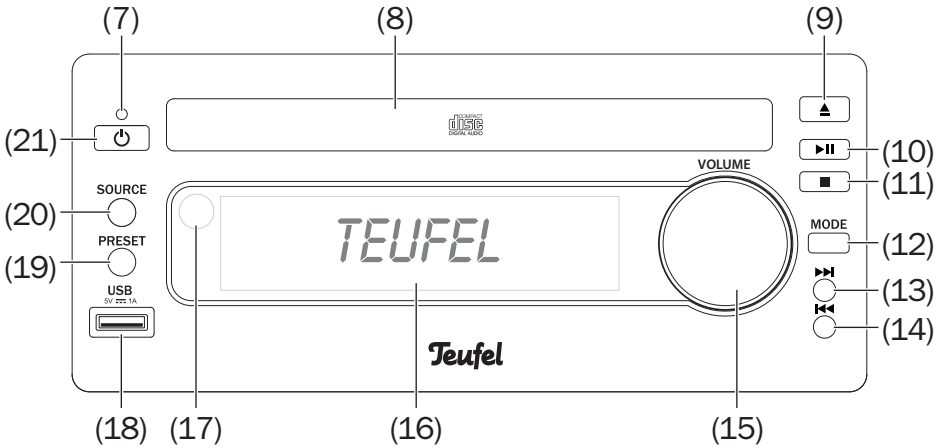


Checking the package contents

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

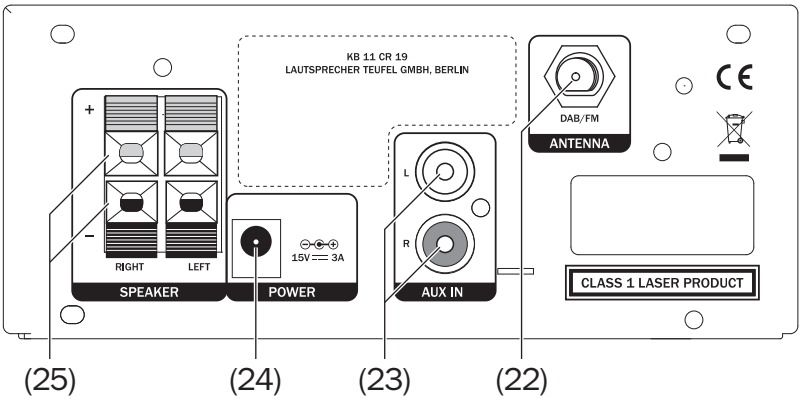
Operational Controls And Connections

Front side



(7) LED standby
(8) CD tray
(9) ⏏ – Open the CD tray
(10) ▶II – Playback/pause
(11) ■ – Stop playback
(12) MODE – FM playback: Switch between mono/stereo, start the automatic assignment of station buttons
DAB playback: Start the station search,
CD and USB playback: Adjust repeat
(13) ►►I – Radio: Set a station,
CD and USB playback: Fast forward/skip ahead
(14) I◄◄ – Radio: Set a station,
CD and USB playback: Fast rewind/skip back
(15) **VOLUME** – Adjust the volume
(16) Display panel
(17) **IR** – Infrared receiver
(18) **USB** – Connection for the playback of music files
(19) **PRESET** – Save/access radio station
(20) **SOURCE** – Select audio source
(21) ⏻ – switch the device on and to standby mode

Back side



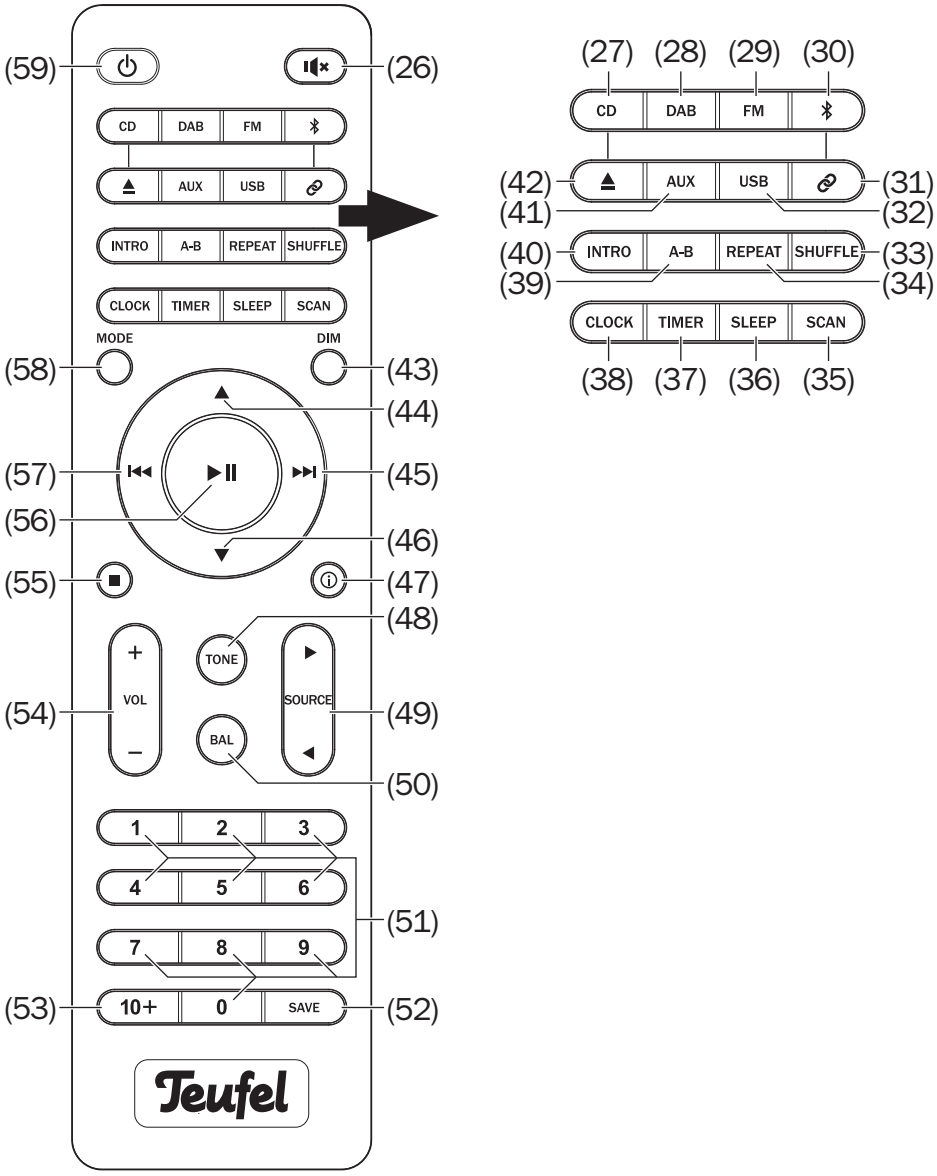
(22) ANTENNA – F-connector jack for the antenna

(23) AUX IN – RCA jacks for connecting an audio source

(24) POWER – Connector jack for the mains adapter

(25) SPEAKER – Speaker connections

Remote Control

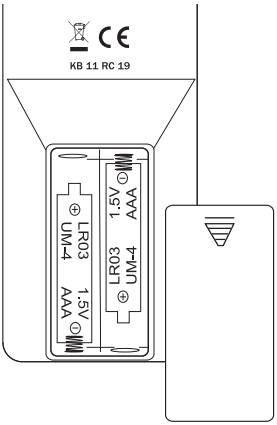


(26) – Mute speaker
(27) **CD** – Select CD as source
(28) **DAB** – Select DAB as source
(29) **FM** – Select USW radio as source
(30) – Brief push: Select Bluetooth® as the source, long push: Start pairing
(31) – Start Bluetooth® pairing
(32) **USB** – Select USB as source
(33) **SHUFFLE** – CD and USB: Random playback on/off
(34) **REPEAT** – USB/CD: repeat function
(35) **SCAN** – DAB: Brief push: Start the station scan, long push: automatically occupy the station memory slots
(36) **SLEEP** – Set the sleep time
(37) **TIMER** – Switch-on function
(38) **CLOCK** – Show the time
(39) **A-B** – CD and USB: Repeat the section
(40) **INTRO** – CD and USB: Play each track for 10 seconds
(41) **AUX** – Select AUX IN as source
(42) – Open/close the CD tray
(43) **DIM** – Set the brightness of the display panel
(44) ▲ – Set the values, Radio: Select station memory
(45) – Fast forward/skip ahead
(46) ▼ – Set the values, Radio: Select station memory
(47) – Show information
(48) **TONE** – Adjust the sound
(49) **SOURCE** – Consecutively select sources
(50) **BAL** – Set the balance
(51) **1...0** – Number buttons for entering track numbers and station memory numbers
(52) **SAVE** – Save the station
(53) **10+** – Increase the track number in increments of ten
(54) **VOL** – Adjust the volume
(55) ■ – Stop playback
(56) – Playback/pause
(57) – Fast rewind/skip back
(58) **MODE** – For FM: switch between stereo/mono
(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. Gently depress the arrow on the battery compartment cover on the back side of the remote control and push the cover down. Remove the cover.
2. If applicable, remove any old batteries (please observe the disposal notes on page 40).
3. Insert the batteries according to the image in the battery compartment and make sure the polarity is correct.
4. Place the cover back on the compartment and push it closed.

⚠ 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.*

– *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.*

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 11. Make sure that the infrared light is not obstructed by objects.

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 **(5)** or an equivalent double-core speaker wire with a diameter of at least 0.5 mm2 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 11 are the SPEAKER connecting terminals **(25)** for the “Right” and “Left” speaker.

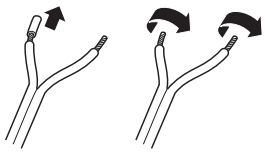
The terminals are each marked red (+) and black (-).

NOTICE

Make sure the polarity is correct!

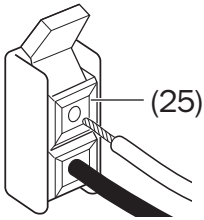
Connect the like coloured terminals. Otherwise, the sound quality will suffer. The strands of the speaker single wire are marked with different colours or shapes.

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. Flip the lever on the connecting terminal **(25)** up or down to open the terminal.



4. Guide the exposed end of the cable into the opening in the terminal and close the lever again. 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.

Audio input

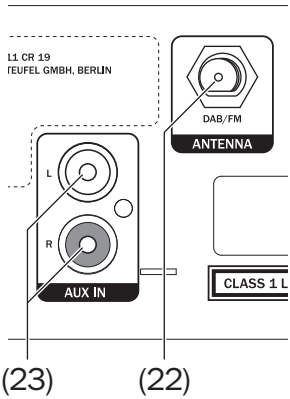
You can connect almost any audio source to the AUX IN RCA jacks **(23)** such as a computer, MP3 player (with/without a dock), video game system, television etc. The external player must have an output with a line control. This kind of output is either a stereo RCA jack or a 3.5 mm jack plug socket. Connect these units to the AUX IN jacks **(23)** using an appropriate connector cord.
Cables are available from our online shop (www.teufelaudio.com) in the “Accessories” section.

Antenna

You can use the enclosed throw-out antenna **(4)** to receive DAB+ and FM (USW).

1. Insert the antenna in the ANTENNA jack **(22)** 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 (22).



⚠ CAUTION

Risk associated with lightning strike!

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

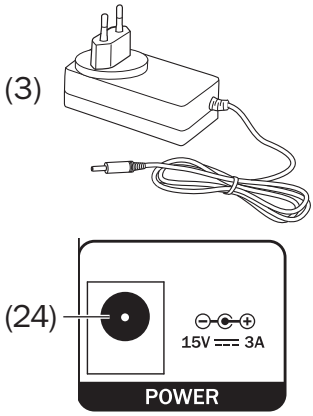
– You can also use an antenna adapter to connect the Kombo 11 with a cable connection. However, DAB+ reception is not possible in all networks. Ask your cable provider.

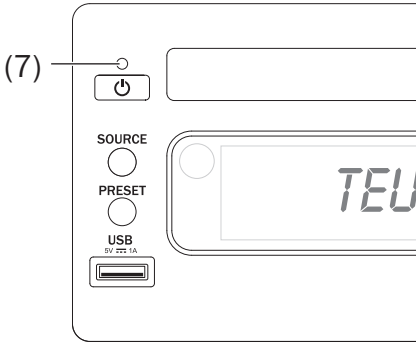
Power supply

1. Insert the small plug of the mains adapter **(3)** in the POWER jack **(24)**.
2. Insert the mains adapter in an easily accessible mains socket.

The standby LED **(7)** will illuminate in red and multiple dashes will flash on the display panel indicating that you must set the time (see section “Setting the time”).

Thus, the Kombo 11 is operational.



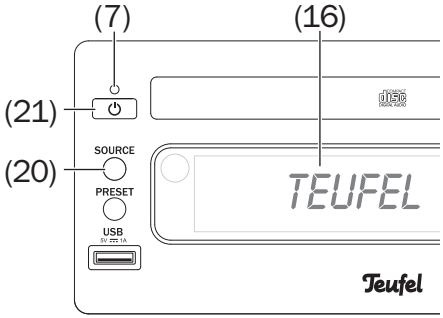


Activating and deactivating

– Turn the Kombo 11 on or to standby with the ⏻ button (21)/(59).

– To turn it on, you can also use the source buttons CD (27), DAB (28), FM (29), ᛒ (30), AUX (41) and USB (32) as well as the SOURCE button (20).

- If the Kombo 11 does not receive an audio signal or one that is too quiet for more than 20 minutes, it will automatically switch to standby.
- In standby, the standby LED (7) will illuminate in red and you will see the time on the display panel (16). After a few minutes, the Kombo 11 will switch to EcoPower mode and the display panel is switched off.

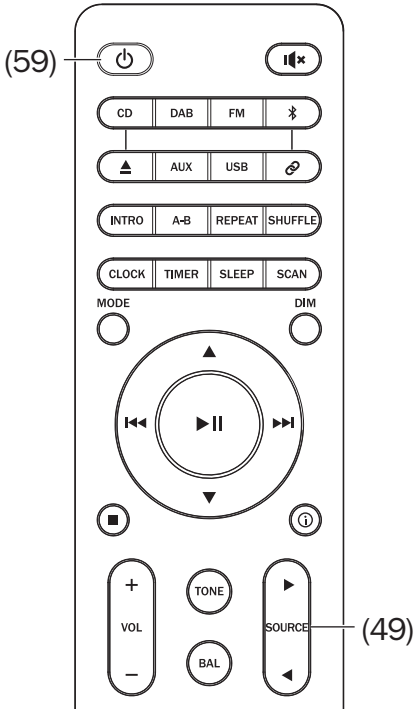


EcoPower mode

In EcoPower mode the unit uses a maximum of only 0.5 Watt.

Activating the EcoPower mode

– Hold the button ⏻ (21)/(59) down for approx. 3 seconds while in standby. The display panel briefly shows “ECOPOWER”, then it goes dark. The EcoPower mode is now enabled and it replaces the Standby mode: Pushing the button ⏻ (21)/(59) will no longer switch the unit to Standby but to EcoPower mode.



Deactivating the EcoPower mode

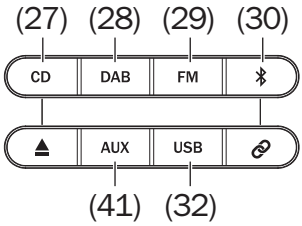
Whilst the unit is in EcoPower mode, push and hold the button ⏻ **(21)**/**(59)** for approx. 3 seconds.
The display shows the time, the unit is now back in standby.
EcoPower mode is now disabled: Pushing the button ⏻ **(21)**/**(59)** will now switch the unit to the Standby mode instead of the EcoPower mode.

Selecting a source

– By repeatedly pushing the SOURCE buttons ◀▶ (20)/(49), you select the source in this order:
  - CD – playback from CD (see „CD Mode“ on page 28).
  - DAB – digital radio reception (see „DAB/DAB+“ on page 22).
  - FM – analogue radio reception (see „FM/USW“ on page 22).
  - BT – digital source via wireless Bluetooth® (see „Bluetooth® Mode“ on page 25).
  - AUX – analogue source via the AUX IN jacks (23).
  - USB – playback of USB storage devices (see „USB playback“ on page 31).

– Select the corresponding source directly with the buttons CD (27), DAB (28), FM (29), ᛒ (30) , AUX (41) and USB (32).

The selected source will appear on the display panel **(16)**.



Adjusting the volume

- Increasing the volume: Turn the VOLUME control (15) clockwise or push the Vol + button (54).
- Decreasing the volume: Turn the VOLUME control (15) anticlockwise or push the Vol – button (54). The current value will appear on the display panel (16) while making the setting.

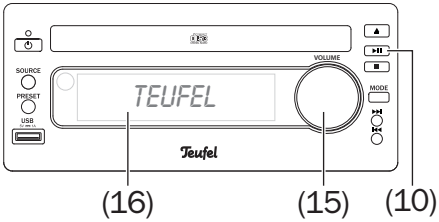
The volume setting of an external player often affects the volume of the Kombo 11.

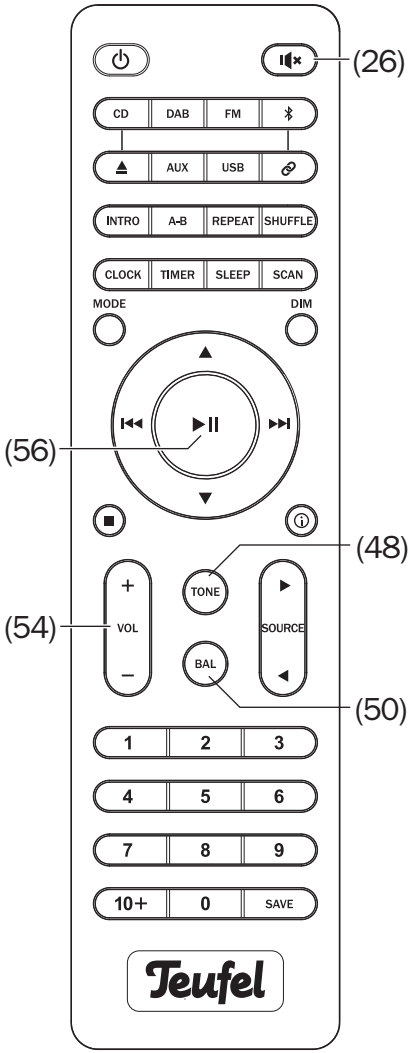
Mute

– Use the button (26) to turn the sound off.
The message “MUTING” will flash on the display panel (16).

– To turn the sound back on: Push the button (26) again or change the volume.

– You can also switch the sound on and off with the ▶II button (10)/(56). During CD, Bluetooth® and USB playback, playback is stopped in the process. With all other sources, only the sound will be switched off.





Adjusting the sound

- You can adjust the sound in two areas (treble and bass).

1. Push the TONE button **(48)**. The message “TREB” and the set value for the high tones from -10 db to +10 db will appear on the display panel **(16)**.
2. You can set the treble level with the VOL +/– buttons **(54)**.
3. Push the TONE button **(48)** again. The message “Bass” and the set value for the low tones (bass) from -10 db to +10 db will appear on the display panel **(16)**.
4. You can set the bass level with the VOL +/– buttons **(54)**.

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

Adjusting the balance

- With the balance, you set the sound level ratio between the right and left speaker.

1. Push the BAL button **(50)**. The message “Balance” and the current balance as a graphic will appear on the display panel **(16)**.
2. Use the ⏮ / ⏭ buttons **(57) / (45)** to move the balance to the left or right.

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

Adjusting the brightness of the display panel

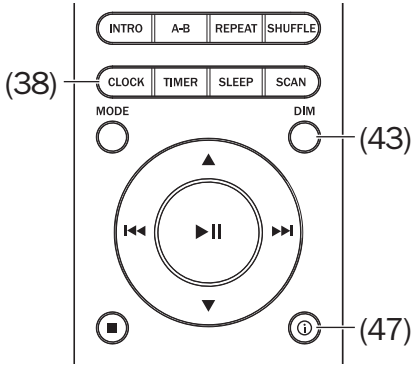
Push the DIM button **(43)** multiple times to set the brightness of the display panel to one of three levels.

Showing information

Push the ⓘ button **(47)** 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.

Show time

By pushing the CLOCK button **(38)**, you can show the time, also when the Kombo 11 is in standby.



Radio Playback

The Kombo 11 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 (FM) and 30 memory slots (DAB) are available for your favourite stations.

FM/USW

– Push the FM button (29) or select "FM" with the SOURCE buttons ◀▶ (20)/(49).

Setting the radio stations

Set the receiving frequency with the skip buttons ⏮ **(14)**/**(57)** and ⏭ **(13)**/**(45)**:

– 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 **(16)**.

If the station transmits an RDS signal, the name of the station and, if applicable, the radio text will appear on the display panel **(16)** after a few seconds.

– With the ⓘ button (47), you can switch the display of the RDS information on the bottom line of the display panel (16) 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 **(12)**/**(58)**.

DAB/DAB+

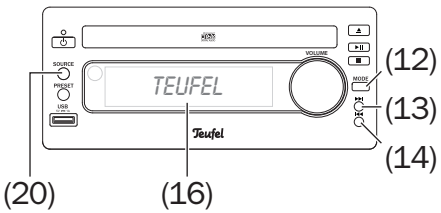
– Push the DAB button (28) or select "DAB" with the SOURCE buttons ◀ ▶ (20)/(49).

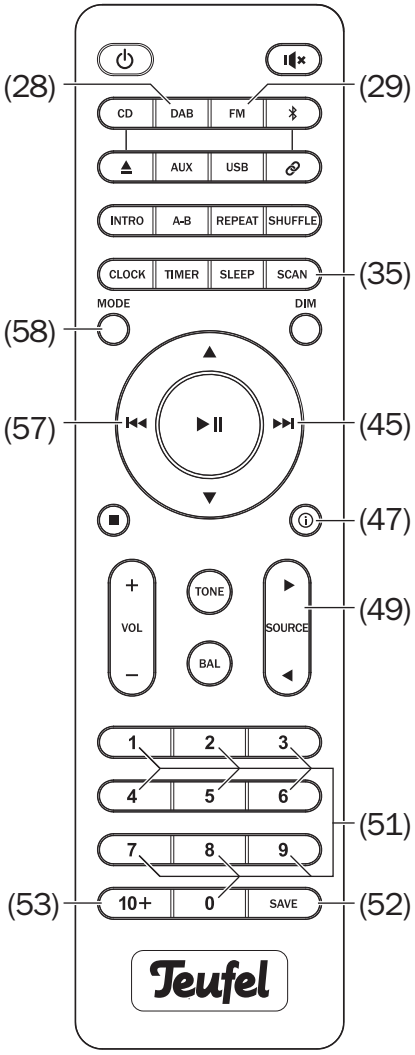
DAB station scanning will automatically start the first time you access DAB. In the process, the first 20 stations that are found are assigned to the station memory slots 01–20.

– If necessary, you can activate the scan at any time by tapping the SCAN button (35).

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

On the display panel **(16)**, you will see the name of the station and underneath the current song being played.





– By tapping the ⓘ button (47), 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 ⏮ (14)/(57) and ⏭ (13)/(45).

Station memory

Your radio can save 20 stations for FM and 30 for DAB mode. 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 **(52)** The message “PROG” will appear on the display panel and the memory slot number will flash.
3. Enter the desired memory slot number (01–20) using the number buttons 1…0 **(51)**. You can access the memory slots with double-digit numbers with the “10+” button **(53)**. The message “P xx SAVE” (the slot number will appear instead of “xx”) will be shown on the display panel **(16)**. 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 (19) 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

All previously saved stations are deleted in the process!

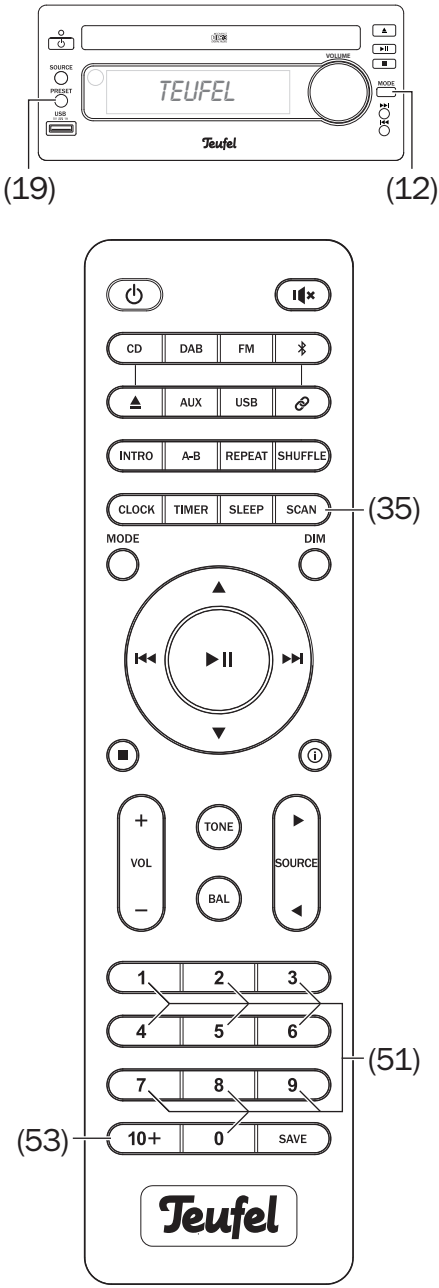
– Hold the SCAN button (35) on the remote control or the MODE button (12) on the Kombo 11 down for a few seconds to start the automatic station scan.
The device saves the first 20 stations for the mode. The radio will then switch to the station in memory 1.

Selecting stations from the memory

– You can select the saved stations with the number buttons 1…0 (51). You can access the memory slots with double-digit numbers with the “10+” button (53).

– Browse through the list of saved stations with the buttons ▲ (44) and ▼ (46).

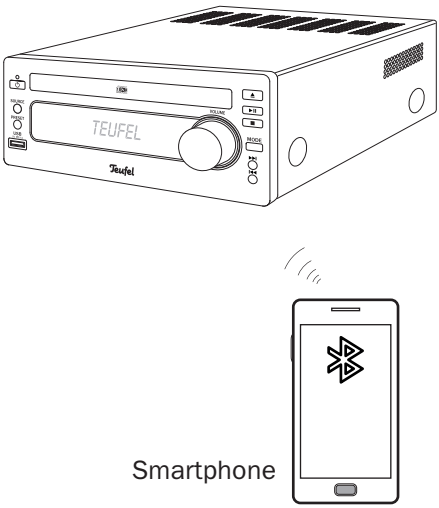
– Or access the memory slots consecutively by tapping the PRESET button (19).



Bluetooth® Mode

Via Bluetooth®, you can connect a compatible external player and the Kombo 11 wirelessly. The audio output of the external player is then emitted by the Kombo 11.

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 11 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

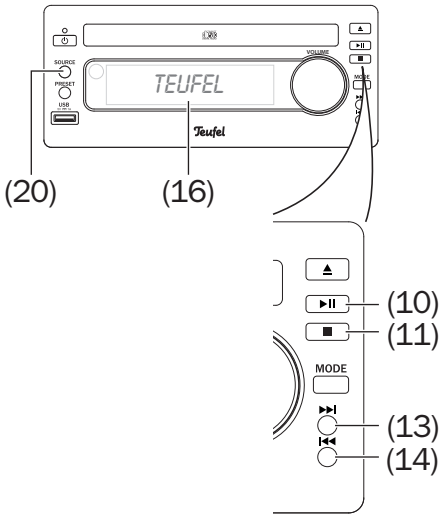
Depending on the device type, your external player/smartphone may also have a menu for Bluetooth® options such as media playback. Here you can activate and deactivate the desired options. You can find more information about the Bluetooth® options in the user manual for your external player/smartphone.

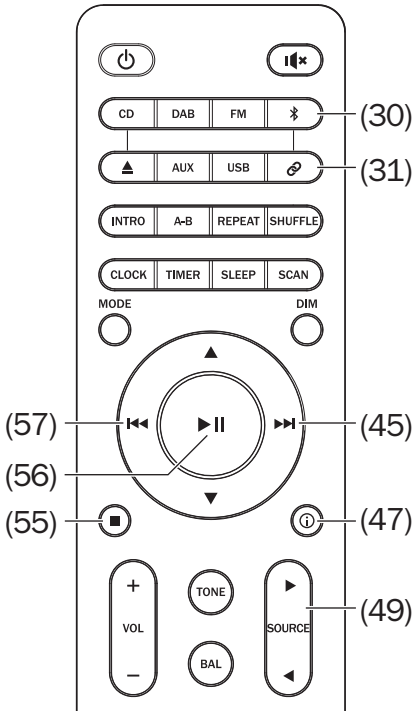
Pairing

To play the audio of your external player on your Kombo 11 via Bluetooth®, connect the devices with each other. This is called “Pairing”.

1. Push the ᛒ button **(30)** or select “BT” with the SOURCE buttons ◀▶ **(20)**/**(49)**.
2. To start pairing, tap the 🔗 button **(31)**.
   The message “Pairing” will flash on the display panel **(16)**.
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 11 CR 19” should also be present in the list of detected devices.
5. Select “Teufel KB 11 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 11.





Playback

The volume setting of the external player affects the volume of the Kombo 11.

1. Push the ᛒ button **(30)** or select "BT" with the SOURCE buttons ◀▶ **(20)**/**(49)**.
2. Activate the Bluetooth® function on your source device.
3. Start playback on your source device.

You can control playback on your source device. You can also control some functions on the Kombo 11:

– Pause playback:
Tap the ▶II button (10)/(56).

– Continue playback:
Tap the ▶II button(10)/(56) again.

– Play next track:
Tap the ▶▶I button (13)/(45).

– Restart the current track:
Tap the I◀◀ button (14)/(57).

– Play previous track: Tap the I◀◀ button (14)/(57) twice.

– Stop playback:
Push the ■ button (11)/(55).

• 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 11.

Interruption of connection

If your external player moves out of the range of your Kombo 11, 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 (31) or

– select another source on the Kombo 11.

CD Mode

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

The Kombo 11 can read normal CDs with a diameter of 80 and 120 mm as well as music files in the audio CD, MP3 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.

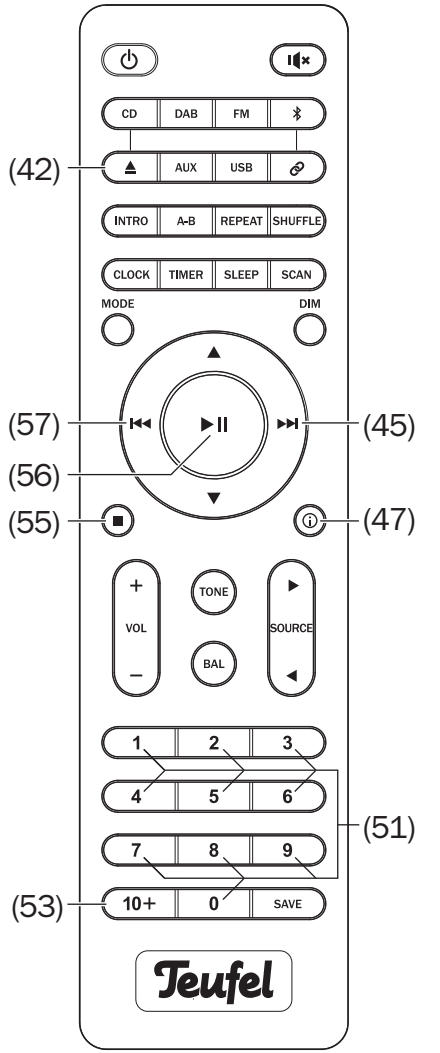
– *Do not look into the beam, even if you are using optical instruments.*

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 **(9)**/**(42)**. 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. 30 seconds of inactivity.
3. Push the ⏏ button **(9)**/**(42)**. The CD tray will close and the message “Loading” will appear on the display panel.
   Playback will automatically start after a short time.
   You will see the number of the track and the elapsed time on the display panel.

– You can access further information about the track with the ⓘ button (47).

– You can access a certain track by entering its number with the number buttons 1...0 (51). For track numbers above 9, first set the tens digit by pushing the 10+ button (53) multiple times and then enter the desired track number with the number buttons 1...0 (51).

– Interrupt/continue playback: Tap the ▶II button (10)/(56).

– Play next track: Tap the ►►I button (13)/(45).

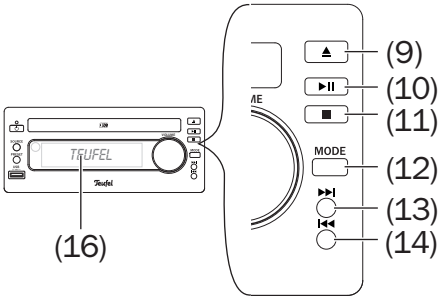
– Play the track or chapter from the beginning: Tap the I◄◄ button (14)/(57).

– Play the previous track or previous chapter:
  Tap the I◄◄ button (14)/(57) twice.

– Fast track playback: Push and hold the button I◄◄ (13)/(45) or ►►I (14)/(57). The tone will be deactivated and you will see the elapsed time of the track in increments of four seconds on the display panel (16).
  To resume normal playback, release the button.

– If there are folders on the CD, change the folder with the buttons ▲ (44) and ▼ (46). You will briefly see the number of the folder (“Axx”) and the number of the tracks therein (“Txxx”) on the display panel.

– Stop playback:
  Push the ■ button (11)/(55).
  Now, the display panel (16) will show the number of folders (“Axx”) and tracks (TO xx) on the CD.



Repeat

With the REPEAT button **(34)** on the remote control or the MODE button **(12)** on the device, you access the following functions consecutively, which appear as messages at the bottom of the display panel:

- No display – normal playback.
- REP – current track will be repeated endlessly.
- REP ALB – all tracks in the current folder/directory of the CD are played back endlessly in order.
- REP ALL – all tracks on the CD will be played back in order. Afterwards, playback restarts with the 1st track.

Repeat a section

– To repeat a section of a track, push the A-B button (39) at the beginning of the section. The message “A-” will appear on the display panel.

– Let the playback run to the end of the section and then push the A-B button (39) again. The marked section will now be continuously repeated. You will see the message “A-B” on the display panel.
Push the A-B button (39) to stop repeat.

Random playback

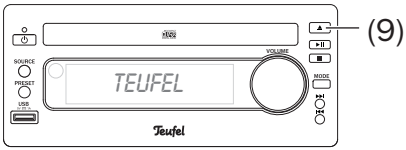
Use the SHUFFLE button **(33)** to switch random playback on and off. The message “SHUF” will appear on the display panel.

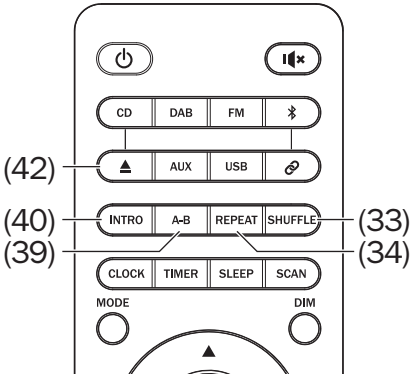
Playing track sample

Use the INTRO button **(40)** to switch the track sample function on and off. Only the first 10 seconds of each track will be played before switching to the next track.

Ejecting the disc

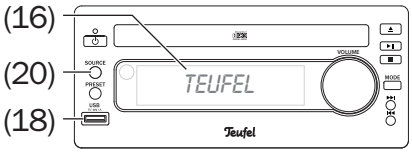
1. Push the ⏏ button **(9)**/**(42)**. The CD tray will eject to the front.
2. Carefully remove the CD.
3. Push the ⏏ button **(9)**/**(42)**.
   The CD tray will close.
   The CD tray will automatically close after approx. 30 seconds of inactivity.

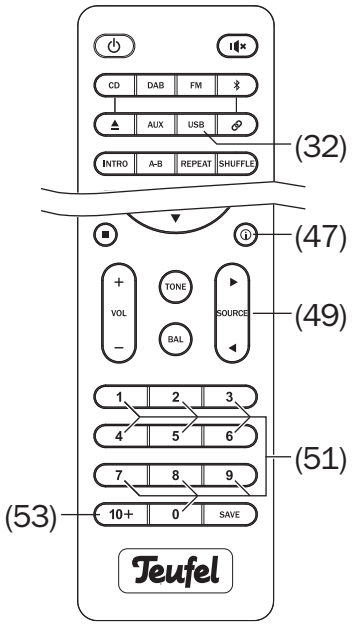




USB playback

The USB port **(18)** can read USB memory sticks and USB hard drives with the specifications USB 1.0 to 3.0 in the FAT32 format with max. 32 GB and play back music files in the MP3 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 **(18)**. The plug only fits the jack in one orientation.
2. Push the USB button **(32)** or select “USB” with the SOURCE buttons ◀▶ **(20)**/**(49)**.
3. The Kombo 11 will read the USB device. The message “Loading” will appear on the display panel **(16)**. Playback will automatically start after a short time.
   If no readable files are found on the USB device, “NO PLAY” will appear on the display panel.

– You will see the number of the track and the elapsed time on the display panel (16).

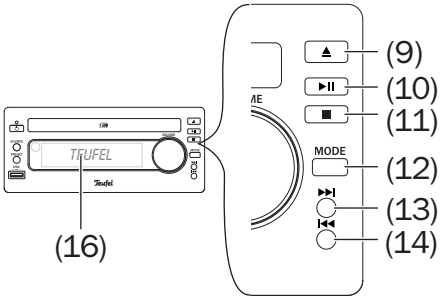
– You can access further information about the track with the ⓘ button (47).

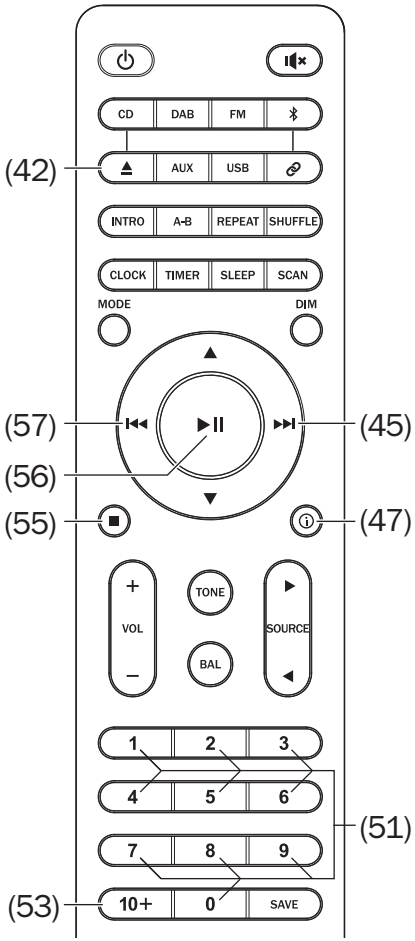
– You can access a certain track by entering its number with the number buttons 1...0 (51). For track numbers above 9, first set the tens digit by pushing the 10+ button (53) multiple times and then enter the desired track number with the number buttons 1...0 (51).

– Interrupt/continue playback: Tap the ▶II button (10)/(56).

– Play next track:
Tap the ▶▶I button (13)/(45).

– Start the track from the beginning:
Tap the ⏮ button (14)/(57).
– Play the previous track or previous chapter:
Tap the ⏮ button (14)/(57) twice.
– Fast track playback: Push and hold the button ⏮ (13)/(45) or ⏭ (14)/(57). The tone will be deactivated and you will see the elapsed time of the track in increments of four seconds on the display panel (16). To resume normal playback, release the button.
– If there are folders on the CD, change the folder with the buttons ▲ (44) and ▼ (46). You will briefly see the number of the folder (“Axx”) and the number of the tracks therein (“Txxx”) on the display panel.
– Stop playback:
Push the ■ button (11)/(55). Now, the display panel (16) will briefly show the number of folders (“Axx”) and tracks (TO xx) on the USB device.





Repeat

With the REPEAT button **(34)** on the remote control or the MODE button **(12)** on the device, you access the following functions consecutively, which appear as messages at the bottom of the display panel:

- No display – normal playback.
- REP – current track will be repeated endlessly.
- REP ALB – all tracks in the current folder/directory of the CD are played back endlessly in order.
- RREP ALL – all tracks on the CD will be played back in order. Afterwards, playback restarts with the 1st track.

Repeat a section

To repeat a section of a track, push the A-B button **(39)** at the beginning of the section. Let the playback run to the end of the section and then push the A-B button **(39)** again. The marked section will now be repeated endlessly and you will see the message “A-B” on the display panel. Push the A-B button **(39)** again to stop repeat.

Random playback

Use the SHUFFLE button **(33)** to switch random playback on and off. The message “SHUF” will appear on the display panel.

Playing track sample

Use the INTRO button **(40)** to switch the track sample function on and off. Only the first 10 seconds of each track will be played before switching to the next track.

Removing the USB device

NOTICE

Risk of damage!

– *Never remove the USB device while the Kombo 11 is still accessing it!*

1. End playback with the ■ button **(11)**/**(55)** or select another source.
2. Wait approx. one second.
3. Pull the USB plug out of the jack.

Clock

The integrated clock shows the current time on the display panel **(16)**. The clock is set manually or automatically when in radio mode. A sleep function is also available (up to 90 minutes).

Setting the time

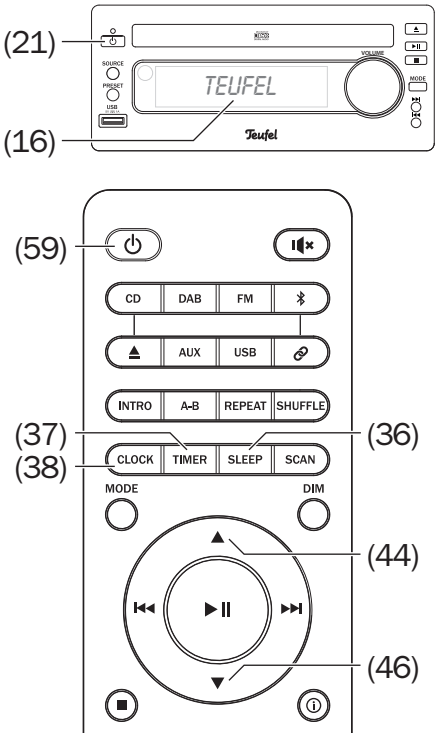
Automatically via radio

Set an FM radio station with RDS signal or a DAB radio station. After a few minutes, the Kombo 11 will pick up the time signal from the radio station and set the clock accordingly.

Manually

If no suitable radio station is being received, you can also set the clock manually:

1. Switch the device to standby with the ⏻ button **(21)**/**(59)**.
2. Tap the CLOCK button **(38)** once. The display panel will show the current time.
3. Push and hold the CLOCK button **(38)** for three seconds. The display panel will briefly show the message “CLOCK SET” and then “CLOCK 24” or “CLOCK 12”.
4. Set the 24 or 12 hour display with the buttons ▼ **(46)** and ▲ **(44)**.
5. Tap the CLOCK button **(38)** once. The number of hours will flash on the display panel.
6. Set the number of hours with the buttons ▼ **(46)** and ▲ **(44)**.
7. Tap the CLOCK button **(38)** once. The display panel will now flash the minutes.
8. Set the number of minutes with the buttons ▼ **(46)** and ▲ **(44)**.
9. Tap the CLOCK button **(38)** once. The time is now set.



Displaying the time

In order to read the time, briefly push the CLOCK button **(38)**. The display panel now shows the time for 3 or 90 seconds (in standby and in EcoPower mode).

Timer / alarm function

This function allows you to program a time for the unit to switch on. The prerequisite is that the clock is set to the correct time.

1. Switch the device to standby with the button ⏻ **(21)**/**(59)**. If the unit is in EcoPower mode, push the CLOCK button **(38)** briefly to show the time.
2. Push and hold the TIMER button **(37)** until the display panel shows "TIMER SET" followed by the mode (e.g. "USB").
3. Use the buttons ▼ **(46)** and ▲ **(44)** to select the mode that is to be active when the device activates automatically (e.g. "DAB").
4. Tap the TIMER button **(37)** once. The display panel shows the time when the unit will switch on, the hour display is flashing.
5. Set the number of hours with the buttons ▼ **(46)** and ▲ **(44)**.
6. Tap the TIMER button **(37)** once. The display panel will flash the minutes.
7. Set the number of minutes with the buttons ▼ **(46)** and ▲ **(44)**.
8. Tap the TIMER button **(37)** once. The display panel will show the volume level when the unit switches on.
9. Set the desired volume with the buttons ▼ **(46)** and ▲ **(44)**.
10. Tap the TIMER button **(37)** once. Programming is now complete.

The current time is shown on the display panel again. The timer symbol 🕘 is shown which indicates that the function is active.

The unit will switch itself on at the programmed time with the selected mode and volume level.

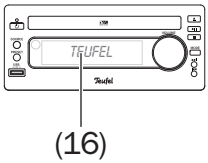
Switching the timer /alarm function on and off

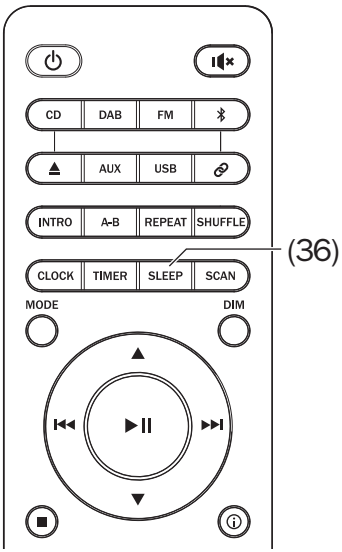
1. Switch the device to standby with the ⏻ button **(21)**/**(59)**. If the unit is in EcoPower mode, push the CLOCK button **(38)** briefly to show the time.
2. Push the "TIMER" button 27 briefly to switch the timer function on and off:
   On: Timer symbol 🕘 is displayed
   Off: Timer symbol 🕘 is not displayed

Sleep function

This function allows the Kombo 11 to switch itself off after a preset period of time.

1. Start the desired playback.
2. Push the SLEEP button **(36)**.
   The message “Sleep 5 min” will appear on the display panel **(16)**.
3. Push the SLEEP button **(36)** again multiple times to select the desired time to switch off between 5 and 90 minutes.
   The “Sleep Off” setting deactivates the sleep function.





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 4). 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 (page 19).
	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 with Bluetooth®.	No Bluetooth® connection.	Establish a connection (see page 26).
	Kombo 11 has not been selected as the output device.	On the external player, select "Teufel KB 11 CR 19" as the Bluetooth® output device.
	Bluetooth® connection impaired by another radio system (e.g. cordless telephone, Wi-Fi).	Set up the Kombo 11 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 11 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 11.

Technical Data

Kombo 11

Dimensions (W × H × D):	160 × 78 × 280 mm
Weight:	1.5 kg

Mains adapter

Manufacturer's name:	Lautsprecher Teufel GmbH
Manufacturer's address:	Budapester Straße 44 D-10787 Berlin
Commercial registration number:	HRB198813B
Model identifier:	Foshan Shunde GuanYuDa Power Supply Co., Ltd. GM51-150300-2A
Input:	100–240 V~ / 50/60 Hz / 2.0 A
Output:	15.0 V DC / 3.0 A / 45.0 W
Average efficiency (with 25 %, 50 %, 75 %, 100 % load condition):	87.7 %
Efficiency with 10 % load condition:	87.6 %
Power consumption with no load (open load):	0.06 W

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

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

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

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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10787 Berlin (Germany)

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Online-Support:
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www.teufel.de/service

Kontaktformular:
www.teufel.de/kontakt

Contact:
www.teufelaudio.com/contact

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