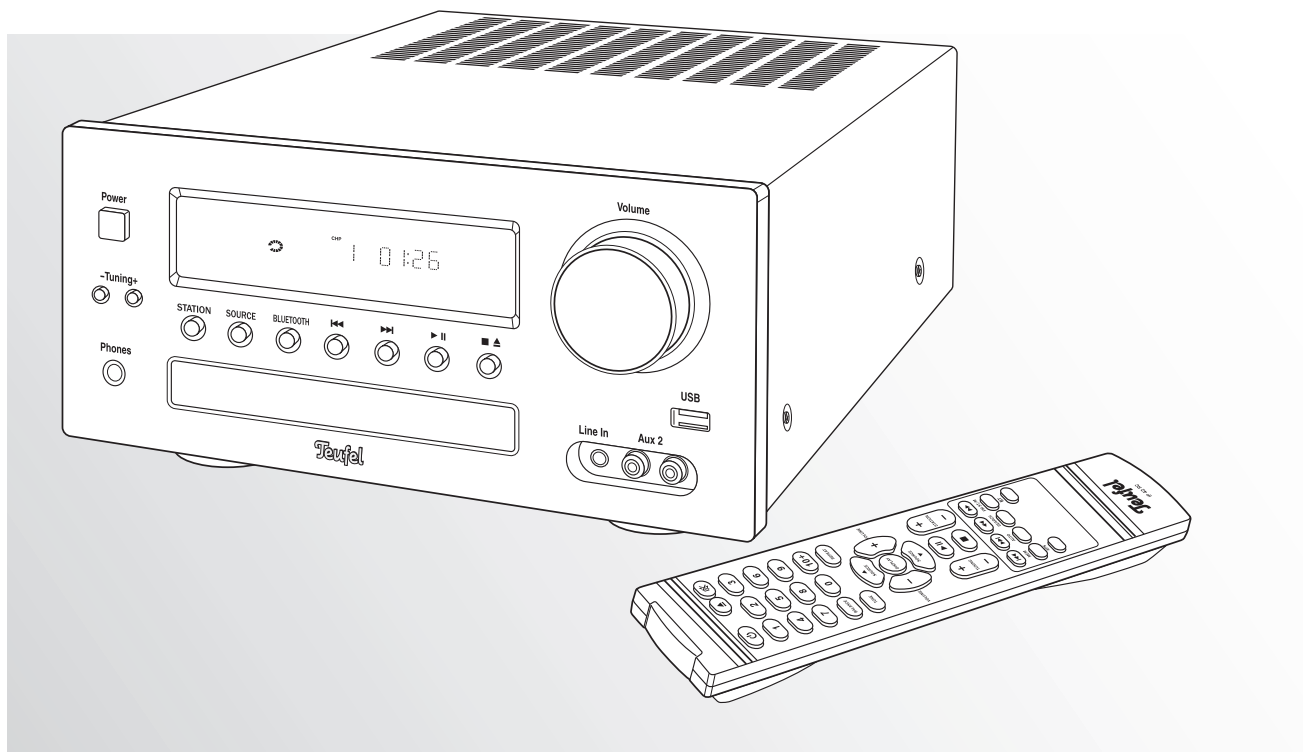


Technical Description And User Manual



KB 42

CD receiver with USB input

Teufel

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General Notes And Information

Notice

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August 2016

Trademarks

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Bluetooth® and the Bluetooth® symbol are trademarks of Bluetooth SIG, Inc.

Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of a device 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 of the device,
e.g. serial no.: IP 00429310123A-0003

Thank you for your support!

Contact

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

Lautsprecher Teufel GmbH

BIKINI Berlin

Budapester Str. 44

10787 Berlin (Germany)

Phone 00800 - 200 300 40 (toll-free)

Fax +49 (0)30 / 300 930 930

E-mail: service@teufelaudio.com

www.teufelaudio.com

Proper Use

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.



Before operating the device, please read the safety notes and user manual carefully. This is the only way to use all functions safely and reliably.

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

Safety Notes

Caution icons

You will find the following caution icons in this user manual:

Danger High risk!

Failure to heed the warning may result in injury for life and limb.

Attention Moderate risk!

Failure to heed the warning may result in damage to property.

**Low risk!**

Points which should be observed when handling the unit.

Safety Notes

Danger Danger of electric shock!

Faulty installation of electrical equipment or mains voltage which is too high can cause electric shocks.

- The device is suitable for connection to a mains voltage of 220V–240V ~ / 50 Hz only.
 - If the case or mains cable is defective or shows other signs of visible damage, disconnect the power plug immediately and do not operate the device.
 - If the device emits smoke, smells burnt or produces unusual sounds, immediately disconnect it from the mains and do not operate it further.
 - The standby button does not disconnect the device from the power supply. For this reason, connect it to an easily accessible socket so that you can quickly disconnect it from the mains in the event of faults.
 - Never open the device housing.
Repairs may only be carried out by an authorised specialist workshop. Only parts that match the original specifications may be used. There are electrical and mechanical parts in this device which are necessary in order to avoid exposure to sources of danger.
 - Do not insert any objects through the vents in the housing.
 - 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 penetrate the unit, immediately disconnect the power plug and, if necessary, remove any batteries. Then send the device to our service address.
 - Never touch the mains plug with wet hands.
 - Check the device regularly for damage.
-

Danger Danger to children!

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.
 - Ensure that children do not remove small parts from the device or take them off of the device (e.g. The batteries from the remote control, control knobs or plug adapters). They could swallow the parts and choke.
If, however, a battery is swallowed, immediately consult a physician together with your child.
 - Never allow children to operate electrical equipment unsupervised.
-

Danger Danger to hearing!

Listening at high volumes may lead to hearing loss.

Particularly when an active subwoofer has been set to maximum volume and the unit is activated, very high noise pressure may suddenly be produced. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk.

- Set your signal source device volume control to a low setting.
 - When the volume is set high, always keep a certain distance from the device and never place your ear directly on the speaker.
 - To avoid damage to health, avoid extended listening at high volumes.
-

Danger Danger of chemical burns!

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.
-

Danger Danger of explosion!

Lithium batteries can explode if handled improperly.

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

Danger Danger of injury/damage!

An unsuitable location could lead to 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 trip hazard.
 - Do not place the device near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).
-

Attention Fire hazard!

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 place the device in direct sunlight.
 - Do not cover the vents with curtains, blankets, newspapers or similar. Heat build-up inside the unit can shorten its lifetime.
-

Attention Risk of damage!

Power overload due to lightning strike may damage or destroy the unit.

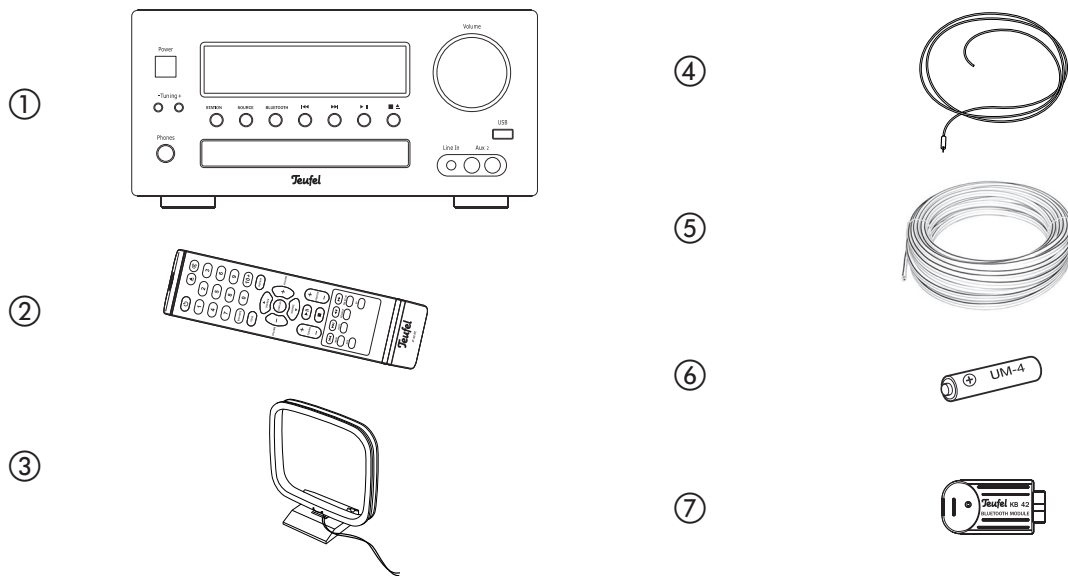
- If the unit is unattended for a prolonged period (e.g. when on vacation) or in the event of an incoming storm, pull the mains plug.
 - Leaked batteries may damage the remote control.
 - In the event of prolonged absence, remove the batteries from the remote control.
-

Explanation of symbols

You will find the following symbols on the bottom of the device:

	Protection class II Dual insulation
	Risk of electrical shock – do not open the housing.

Overview



Pack contents

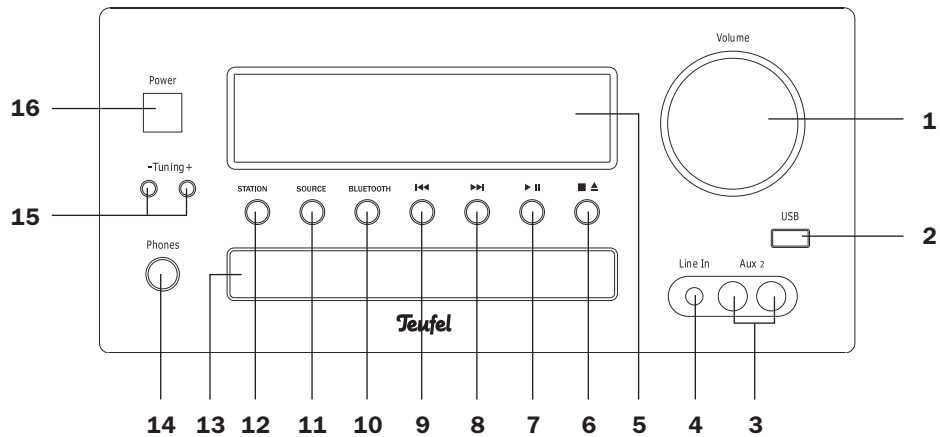
- ① 1x CD receiver
- ② 1x remote control
- ③ 1x AM antenna
- ④ 1x FM throw-out antenna
- ⑤ 2x speaker cables
- ⑥ 2x micro/AAA batteries for the remote control
- ⑦ 1x KB 42 Bluetooth module (optional accessory)

Check to be sure

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or the device has been damaged, do not operate the unit but contact our service department (see page 3).

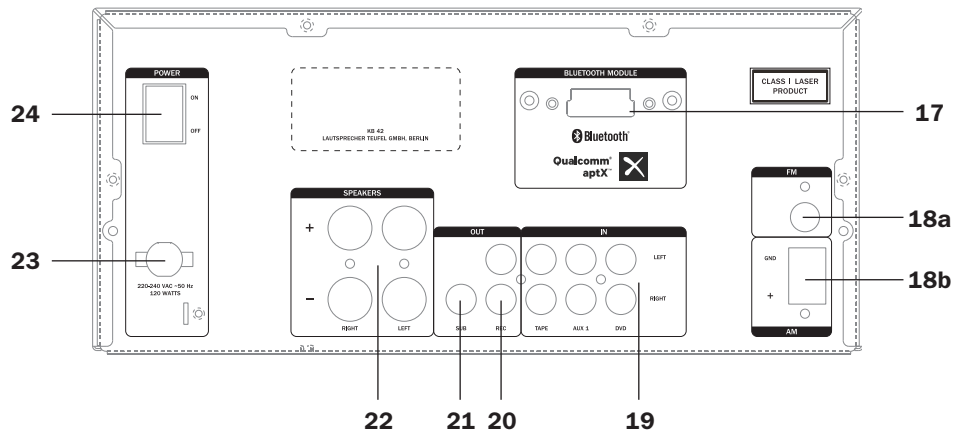
Operational Controls And Connections

Front side



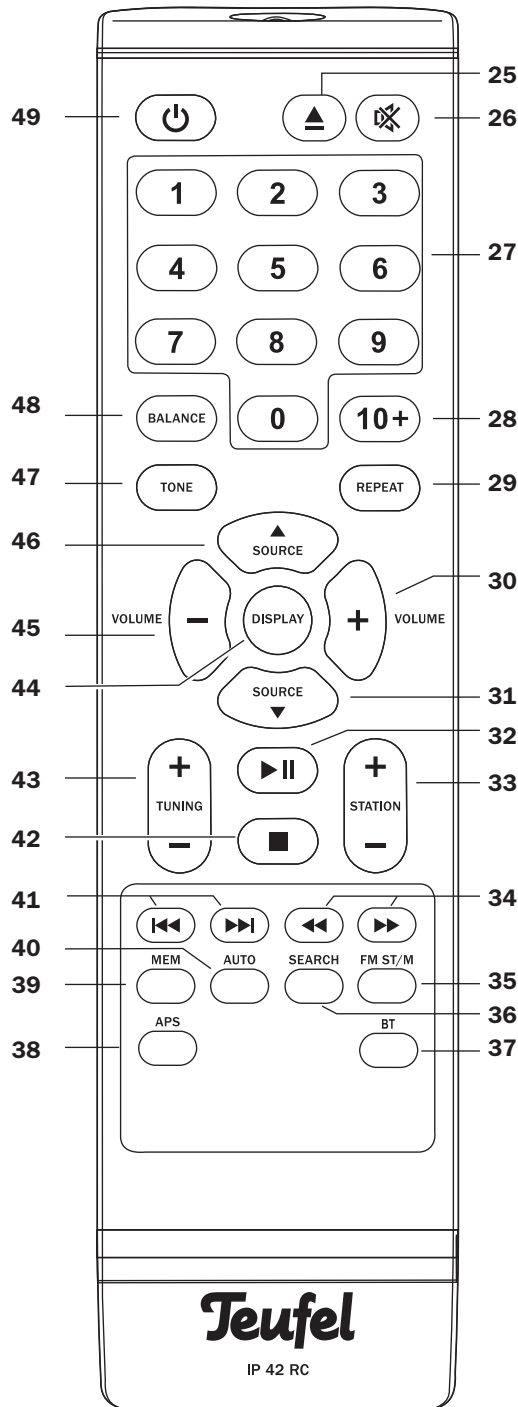
Item	Name	Description	Item	Name	Description
1	Volume	Volume control	8	▶▶I	Fast forward/skip ahead
2	USB	Connector for USB stick	9	I◀◀	Fast rewind/skip back
3	Aux 2	RCA jacks for connecting to an audio source	10	Bluetooth	Select a Bluetooth source
4	Line IN	Mini jack plug for connecting to an audio source	11	Source	Select an audio source
5	-	Display panel	12	Station	Access the station memory
6	■ ⏏	Stop/eject	13	-	CD tray
7	▶ 	Playback/pause	14	Phones	Headphone jack
			15	Tuning +/-	Station setting
			16	Power	Switch the device on or to standby

Back side



Item	Name	Description	Item	Name	Description
17	-	Slot for KB 42 Bluetooth module	20	Out • Rec	RCA output jacks for connecting an audio recording device
18a	FM	FM antenna connection	21	Out • Sub	Subwoofer output
18b	AM	AM/MW antenna connection	22	Speakers	Speaker connections
19	In • Tape/ Aux 1/DVD	RCA jacks for connecting three audio sources	23	-	Mains cord
			24	Power	Main power switch

Remote Control



Item	Name	Description
25	▲	Open the CD tray
26	🔇	Switch speakers to mute
27	1 ... 0	Number buttons for entering the track numbers
28	10+	Increase the track number in increments of ten
29	Repeat	Repeat function
30	Volume +	Increase the volume
31	Source ▼	Select the previous audio source
32	▶	Playback/pause
33	Station -/+	Access the station memory
34	◀▶	fast rewind/forward
35	FM ST/M	Switch between stereo/mono
36	Search	Search for a RDS programme type (PTY)
37	BT	Select a Bluetooth source
38	APS	Automatically save to the station memories
39	MEM	Save to station memories
40	Auto	Switch between manual/automatic station scan
41	◀◀▶▶	Skip back/forward
42	■	Stop button
43	Tuning -/+	Station setting
44	DISPLAY	Switch the display mode on the display panel
45	Volume -	Reduce the volume
46	Source ▲	Select the next audio source
47	TONE	Sound setting
48	Balance	Set the sound level ratio on the left/right
49	⏻	Switch the device on or to standby

Setup And Connection

Setup location

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Select a location away from heat sources and direct sunlight.
- Lay the connector cords so that they do not pose a tripping hazard.
- Do not place any heavy objects on the cable or the devices.

Connecting the speakers

Use the enclosed cables 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 CD receiver are the "SPEAKER OUT" connecting terminals **22** for the "Right" and "Left" speaker.

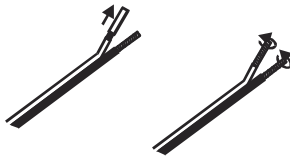
The terminals are each marked red (+) and black (-).



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.

Split the single wire down to approx. 30 mm on both ends and strip approx. 10 mm of insulation off of each cord. Twist the single wire so that no strands are protruding.



The steps for connecting the cables to the speakers

should be described in the user manual of the speakers. Turn the connector terminal (**22**) counterclockwise until loose. Run the stripped cable end into the now visible hole. Close the terminal by turning it counter-clockwise. The cable has now been clamped in place.

Subwoofer

You can connect an active subwoofer to the RCA jack **21** "Out • Sub". Only low frequency audio signals are emitted at this jack.

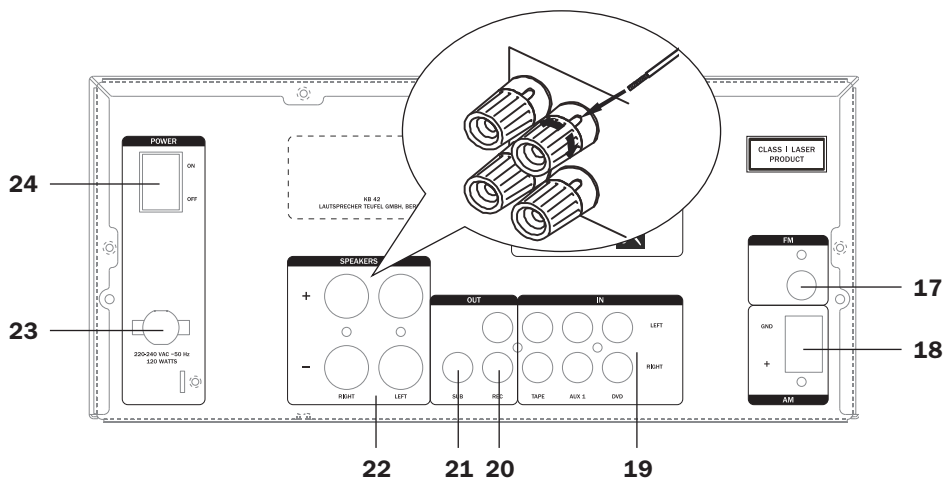
Audio output

The audio signal is emitted without tone control at the RCA jacks **20** "Out • Rec". You can connect a recording device (e.g. cassette recorder) here.

Audio inputs

You can connect almost any audio source to the "IN Tape/AUX 1/DVD" RCA jacks **19** on the back of the unit, i.e. computer, MP3 player (with/without dock), game console, television etc. The external player must have an output with line level. This kind of output is either a stereo RCA jack or a 3.5 mm jack plug. Connect these units to the "IN Tape/AUX 1/DVD" connections **21** using appropriate cables. Cables are available from our online shop (www.teufelaudio.com) in the "Accessories" section.

There are two other audio inputs on the front side: **3** "AUX 2" with RCA jacks and **4** "Line In" as 3.5 mm jack plug. Here you can connect an audio source (e.g. MP3 player or mobile phone) "on the fly" without having to turn the CD receiver over.



Antennas

Danger Risk associated with lightning strike!

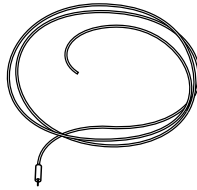


If you are using outdoor or roof antennas, be absolutely sure that the antenna has lightning protection.

FM antenna

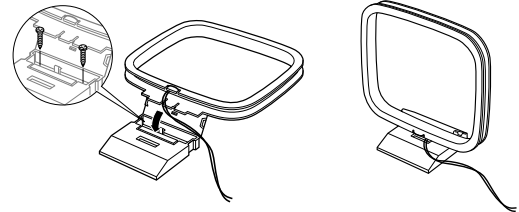
To receive FM stations, connect the antenna to the "FM" jack **17**. This may be a roof/outside antenna, but also a cable television connection. You will need a coaxial connector cord for this.

If no antenna connection is available at the installation location, you can use the enclosed throw-out antenna **4**. Unwind the throw-out aerial, push the plug onto the pin in the "FM" jack **17** and adjust the position of the throw-out aerial for best reception. Now fix the antenna in place with tape.



AM/MW antenna

The enclosed antenna **3** receives medium wave (AM/MW) stations. You can set up this antenna to be free standing or screw it onto a (cabinet) wall.



Connect the connector cable of the antenna with the jacks **18** "AM" on the back of the CD receiver. Press down the lever on each of the connector terminals and insert the end of the cable in the opening next to it. Releasing the lever will clamp the cable in place.

Mains connection

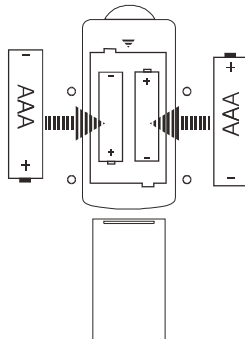
- Ensure that the mains switch **24** "Power" on the back of the device is switched off ("OFF" position).
- Connect the mains cord **23** with a mains socket.

Remote Control

In order to operate the remote control, you will need two type AAA or micro batteries with 1.5 Volt (included in the pack contents).

Inserting batteries

- Push the cover of the battery compartment on the back of the remote control in the direction of the arrow and take the cover off.
- If necessary, remove the old batteries (please observe the notes on „Protecting The Environment“ on page 23).
- Insert the batteries in the battery compartment as shown in the figure.
- 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 remote control in the direction of the system. Make sure that the infrared light is not obstructed by objects.

Fluorescent or energy-saving light bulbs installed in the vicinity of the unit may impair the function of the remote control or even make it impossible.

Basic Functions

Activating and deactivating

- Switch your CD receiver on and off with the mains switch **24** “Power” on the back of the device. After it has been switched on, the device will be in standby and the “Power” button **16** will turn red. The volume is set to medium (-50 db).
- With the “Power” button **16** or **49** “⏻”, you switch your CD receiver to the operational or standby mode.
- If no audio signal is present for a prolonged period, the device will automatically switch to standby.

Selecting a source

The recently selected audio source is activated once the device has been switched on.

- Use the button **11** “Source” or **46** “Source ▲” and **31** “Source ▼” to switch the source in the following order: FM (radio FM), AM (radio MW), Aux 1, Tape, DVD, Line In, Aux 2, CD, USB.
- Use the “BLUETOOTH” button **10** or the “BT” button **37** to select Bluetooth® as the source.

The selected source will be shown on the display panel **5** or the Bluetooth information will appear.

Adjusting the volume

- Increasing the volume: Turn the “Volume” control **1** clockwise or push the “Vol+” button **30**.
- Decreasing the volume: Turn the “Volume” control **1** counterclockwise or push the “Vol -” button **45**.

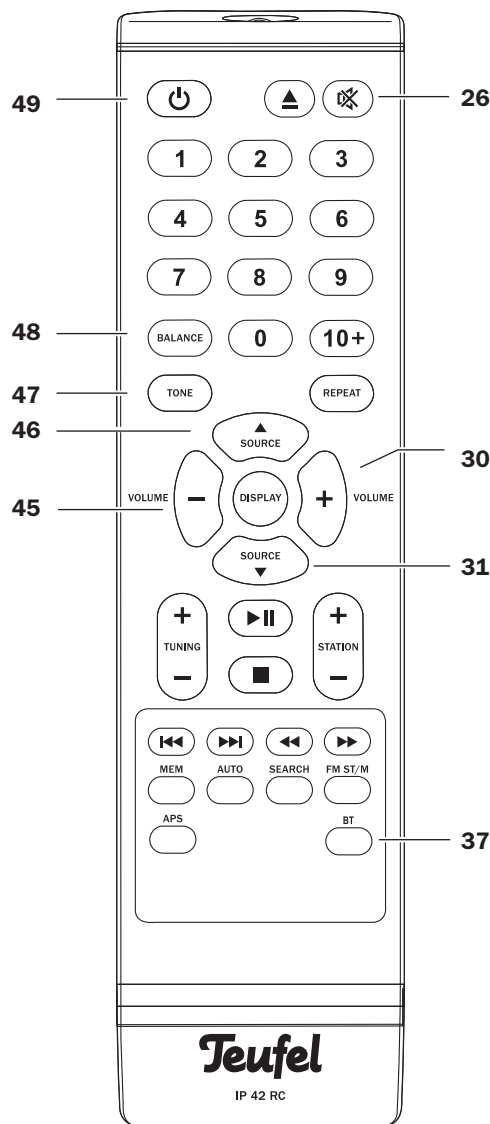
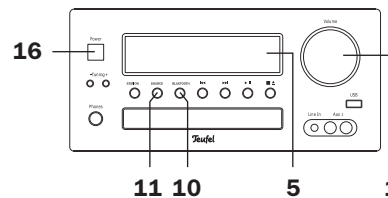
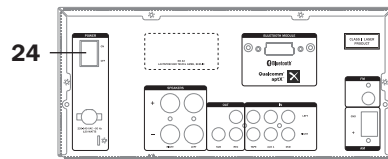
The display panel **5** will show the selected volume in the range from -94 dB (quiet) to 0 dB (loud).

Mute

- Use the button **26** “⏻” to mute the sound. The message “MUTE ON” will appear on the display panel **5**.
- Turning the sound back on: Push the button **26** “⏻” again or adjust the volume.

Adjusting the sound

1. Push the “Tone” button **47**. The message “BA” and the set value for the low tones (bass) from -14 db to +14 db will appear on the display panel **5**.
2. Use the “Volume” control dial **1** or the buttons “Vol -” **45** and “Vol +” **30** to set the bass level to your liking.
3. Push the “Tone” button **47** again. The message “TR” and the set value for the high tones from -14 db to +14 will appear on the display panel **5**.
4. Use the “Volume” control dial **1** or the buttons “Vol -” **45** and “Vol +” **30** to set the treble level to your liking.
5. The device will return to normal operation after three seconds of button inactivity.



Adjusting the balance

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

1. Push the “Balance” button **48**.

The message “L” and the set value for the left channel will be indicated on the display panel **5** within a range from -10 db to $+10$ db.

2. Use the “Volume” control dial **1** or the buttons **45** “Vol -” and **30** “Vol +” to set the level of the left channel as desired.
3. Push the “Balance” button **48** again.
The message “R” and the set value for the right channel will be indicated on the display panel **5** within a range from -10 db to $+10$ db.
4. Use the “Volume” control dial **1** or the buttons **45** “Vol -” and **30** “Vol +” to set the level of the right channel as desired.
5. The device will return to normal operation after three seconds of button inactivity.

Radio Playback

Select one of the two radio modes as the source (see previous page):

FM – Reception of mono and stereo stations from 87.5 to 108 MHz, RDS mode possible

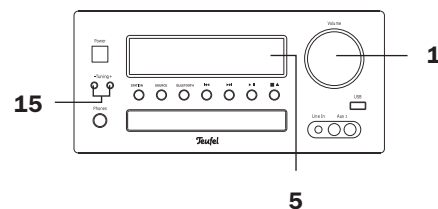
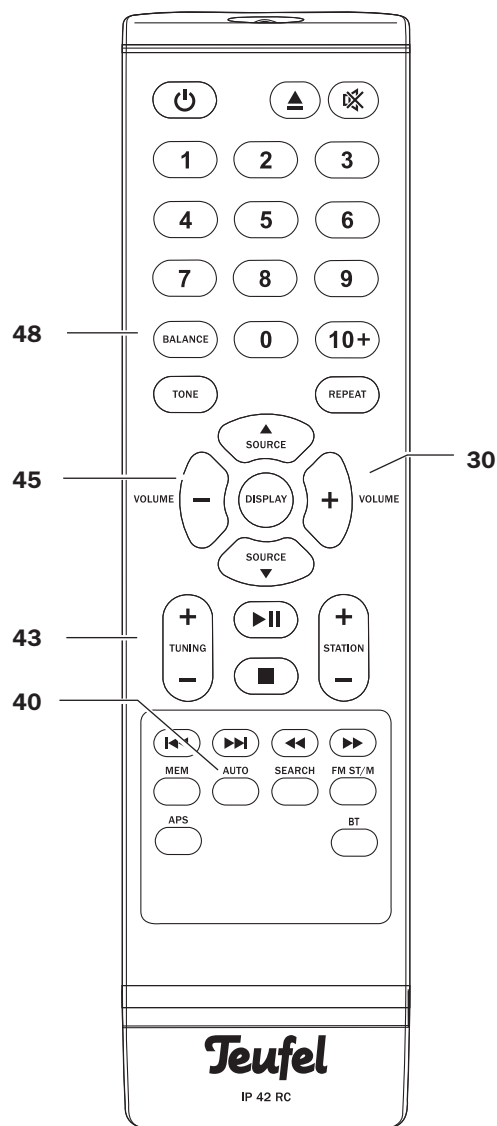
AM – Reception of mono stations from 522 to 1629 kHz
You can choose from 20 station memory slots for each band (see below).

Setting the radio stations

Use the “Auto” button **40** to switch between the manual and automatic station scan. The message “AUTO” or “MANUAL” will appear on the display panel **5** briefly each time.

Use the buttons **15** or **43** “Tuning +/-” to set the tuning frequency:

- **Automatic:** After pushing the button, station scanning starts in the desired direction until a station with sufficiently strong transmitting power is found.
- **Manual:** Every time the button is tapped, the frequency is increased or decreased by one increment (FM: 0.05 MHz, AM: 9 kHz).



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

- Set the desired station as described above.
- Tap the “MEM” button **39**.
The message “TUNED” will flash on the display panel.
- Use the buttons **15** or **43** “Tuning” to select the desired memory slot number or enter it directly with the number buttons **27**.
- Tap the “MEM” button **39** again.
The station has now been saved. The device will return to normal operation after three seconds of button inactivity.

Saving stations automatically

Hold the “APS” button **38** 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 directly with the number buttons **27**. You can access the memory slots with double-digit numbers with the button **28** “10+”. Or you can consecutively access the memory slots with the buttons **12** “Station” or **33** “Station +/-”.

Stereo/Mono

FM stations tend to broadcast your programme in stereo and the message “ST” will appear on the display panel.

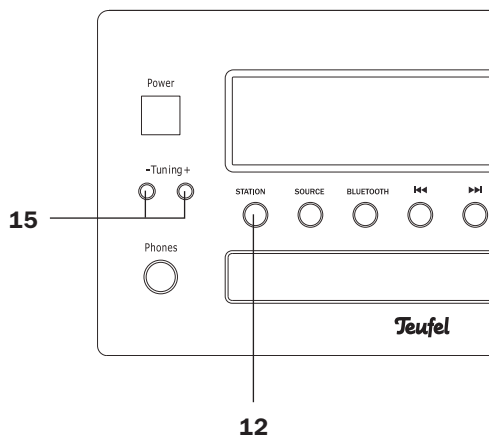
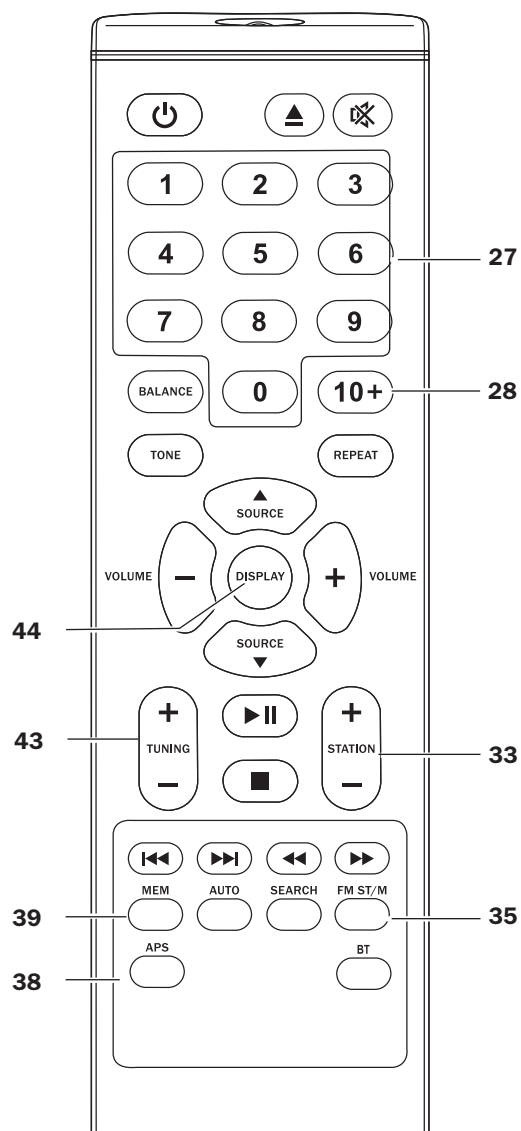
Stations with a weak signal may produce disturbing noise. If this is the case, tap the button **35** “FM ST/M” to switch to MONO. The notice “ST” will disappear from the display panel.

Radio data system (RDS)

Radio stations also use the radio data system (RDS) to transmit further information in addition to the music on FM. The radio analyses this information in order to e.g. display the station name on the display panel.

By repeatedly pushing the “Display” button **44**, you can sequentially access the following RDS information on the display panel:

Station name – Programme type – Time – Radio text



Station name (PS)

If the set station broadcasts RDS signals, the name of the station will appear on the display panel after a short time.

Programme type (PTY)

This shows what type of programme is broadcasted (see the adjacent table). Unfortunately, not all radio stations use this service.

Time (CT)

The exact time is transmitted once per minute so that the notice "WAITING CT" appears on the display panel until the time is received.

Radio text (RT)

Additional information about the programme is transmitted in the radio text. This may be the track and artist of a song or brief messages.

Searching for PTY

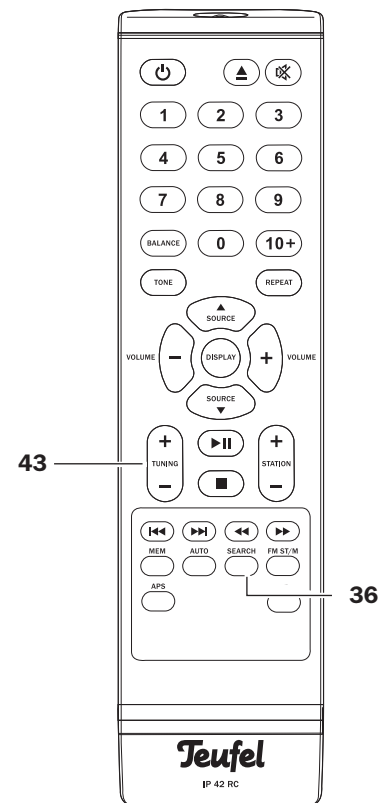
Your CD receiver can search for stations that broadcast a certain RDS programme type.

- Push the "Search" button **36**. The message "PTY SEARCH" will flash on the display panel.
- You can now select one of the adjacent programme types using the buttons **43** "Tuning +/-".
- Push the "Search" button **36** again.

If the set station does not transmit the desired programme type, the search run will start. The automatic search will stop at the first station which can be received in a sufficient quality and transmits a programme of the configured type.

If no station is found, the radio will switch back to the previously configured station and the message "NO FOUND" will appear briefly.

RDS programme types	
OTHER M	Other music
CLASSIC	Classical music
LIGHT M	Light listening
EASY M	Easy listening
ROCK M	Rock music
POP M	Pop music
VARIED	Varied music programme
SCIENCE	Scientific programme
CULTURE	Cultural programme
DRAMA	Radio drama
EDUCATE	Educational programme
SPORT	Sports programme
INFO	General informational programme
AFFAIRS	Magazine, reports
NEWS	News
FOLK M	Folk music
OLDIES	Oldies



CD Mode

Suitable CDs

- Only use commercially-available CDs carrying one of the adjacent symbols.
- CDs containing MP3 files can also be read.
- Normal CDs with a diameter of 80 and 120 mm can also be used.
- CDs (CDR, CDRW) burnt on a home system can normally be read but high burn speed or “bad” blank discs can cause problems. The only solution is trial and error in this case.
- CDs produced for commercial purposes cannot always be read.



About handling CDs

Every CD is encased in a durable plastic layer to protect it against outside influences. However, you must always protect the disc against dirt and scratches.

CD players can compensate minor damages on the CD. Larger scratches or other damages can cause the disc to catch or lead to similar errors.

For more information about the correct handling of CDs see the notes on the CD sleeve!

Inserting a CD

Attention Risk of damage!



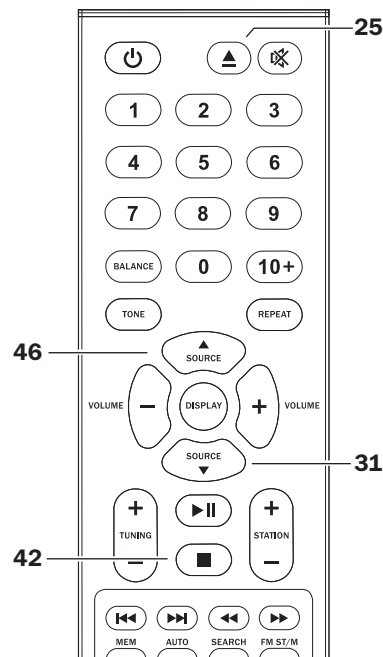
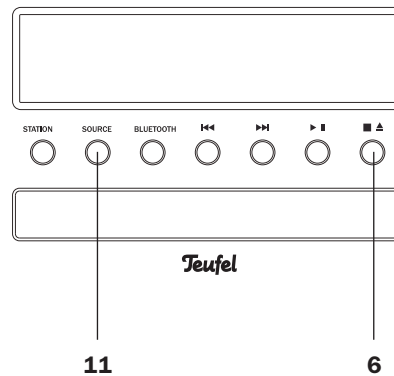
Do not insert CDs on top of one another. Do not insert any other objects than CDs.

- Use the button **11** “Source” or **46** “Source ▲” and **31** “Source ▼” to select “CD” as the source.
- Push the button **6** “■ ☰” or **25** “☰”. The CD tray will slide out forwards.
- Insert the CD carefully into the depression inside the CD tray with the printed side facing up.
- Push the button **6** “■ ☰” or **25** “☰”. The CD tray will close and the unit will read the CD. The display panel will show the message “LOADING” and after a few seconds playback begins automatically.

The playback functions for CD and USB are identical and are described in the section „CD and MP3 Playback Functions“ on page 17.

Ejecting a CD

- Stop playback by pushing the button **6** “■ ☰” or **42** “■”.
- Push the button **6** “■ ☰” or **25** “☰”. The CD tray will slide out forwards.
- Remove the CD from the CD tray.
- Push the button **6** “■ ☰” or **25** “☰”. The CD tray will close.



USB Mode

Your new CD receiver can read USB memory sticks with the specifications USB 1.0 and 2.0 and play back the music files saved on them in MP3 format.

USB stands for “universal serial bus”. Every modern computer has a USB port for connecting a keyboard and mouse. Originally, USB storage devices were developed to replace computer diskettes and they enabled the comfortable transport of data. These convenient sticks are now also used with digital cameras and music players.

Handling mobile storage devices

USB sticks are sensitive electronic devices and must be handled accordingly. If you do not use your memory, you should be absolutely sure to close it with a protective case or cap.



Important

Do not use any storage devices with mechanical damage or which have fallen in liquid.

Do not expose the storage devices to direct sunlight. Improper handling may result in data loss! If possible, create backup copies of your music on your PC.

Inserting a USB stick and playback

- Insert the USB stick into the jack **2** “USB”. The plug only fits the jack in one orientation.
- Use the button **11** “Source” or **46** “Source ▲” and **31** “Source ▼” to select “USB” as the source.
- The CD receiver will read the card and playback will begin.
- If no readable files are found on the USB stick, “NO USB” will appear on the display panel.

The playback functions for CD and USB are identical and are described in the section „CD and MP3 Playback Functions“ on page 17.

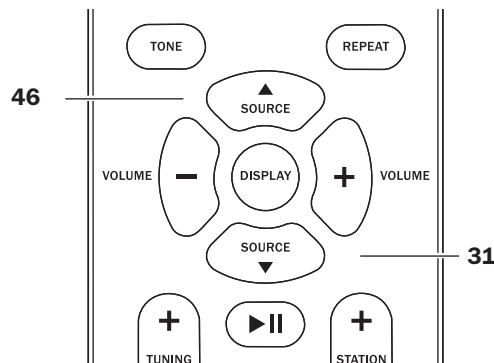
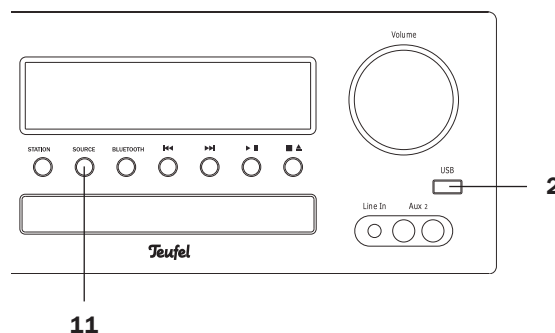
Removing a USB stick

Attention Risk of damage!



Never remove the USB stick while the CD receiver is still accessing it! Prior to this, use the “Source” button **11** to switch to radio mode for example.

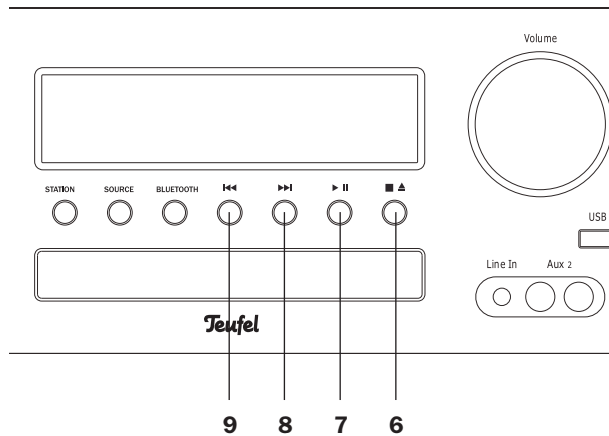
- Simply pull the USB stick out.



CD and MP3 Playback Functions

Basic Functions

- **Pause playback:**
Push the button **7** or **32** “▶/||”.
- **Continue playback:**
Push the button **7** or **32** “▶/||” again.
- **Play next track:**
Tap the button **8** or **41** “▶▶”.
- **Play previous track:**
Tap the button **9** or **41** “◀◀”.
- **Fast track playback (forward or backwards):**
Tap the button **34** “◀◀” / “▶▶” or push and hold the button **8** “▶▶” / **9** “◀◀”.
Playback occurs with audio; the elapsed time of the track will appear on the display panel (only if the display has been set properly, see the next chapter).
Push the button **7** or **32** “▶/||” to continue normal playback.
- **Stopping playback:**
Push the button **6** “■ ≙” or **42** “■”.



Display readouts

All tracks on a CD or USB stick are sequentially numbered by the CD receiver even if they are saved in different folders.

The total number of the saved tracks appears on the display when playback is stopped. The current track number as well as the elapsed playing time is shown during playback.

Additional indicators during MP3 playback (ID3 tags)

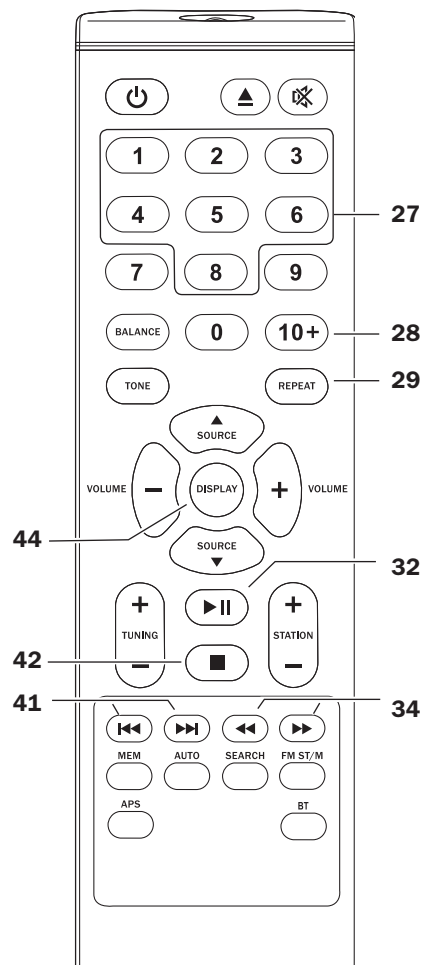
When MP3 files are played back, additional information about the current track can be accessed if it is saved as so-called meta data in addition to the music. You can display this data by repeatedly pushing the “Display” button **44**. The following information appears on the display every time after you push the button:

- Track number and the elapsed playing time ⇒ Name of the song ⇒ Name of the artist ⇒ Name of the album ⇒ Ticker: e.g. artist, album, track number, file type ⇒ Track number and elapsed playing time.

Repeat function (Repeat)

Alternate the repeat function with the “Repeat” button (**29**); the selected function will appear on the display panel:

- **REP OFF** – Repeat function off, normal playback.
- **REP I** – repeat the current track.
- **REP ALL** – play all tracks and then start again from the beginning.
- **REP DIR** – play back all tracks in the current folder on a MP3 CD or on a USB stick.



Selecting the track number directly

In addition to the possibility of browsing through the tracks with the buttons **41** “▶▶1” or “1◀◀”, you also have the possibility of selecting a track directly with the number buttons **27**.

- With single-digit track numbers, enter the desired number with the number buttons “1...9”.

- With two and three-digit track numbers, you must first enter the ten and hundred digit numbers with the “10+” button **28**.

Example: To select the track number 53, you have to push the “10+” button **28** five times and the number button “3” once.

Playback will start automatically.

Bluetooth® Mode (Optional)

You can make your KB 42 Bluetooth-capable with the optionally available KB 42 Bluetooth module. You can then connect compatible Bluetooth devices such as most smartphones with your KB 42 via Bluetooth® and play back the audio from your smartphone via the KB 42.

Notice: The KB 42 Bluetooth module was developed exclusively for the KB 42 and does not work with other devices.

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 KB 42 will attempt to re-establish a connection until you select another source.

Bluetooth® options

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

Connecting the KB 42 Bluetooth module

Your KB 42 features the connector jack **17** for the KB 42 Bluetooth module **7** on the back of the device.

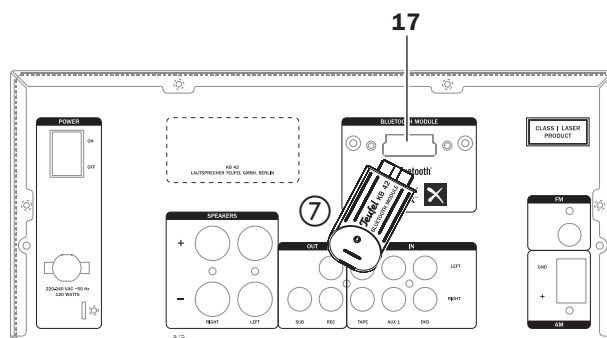
- Insert the KB 42 Bluetooth module there so that the label “KB 42 Bluetooth Module” is pointing up.

Tip:

If you have purchased your Teufel KB 42 without the KB 42 Bluetooth module and would like to listen to music via Bluetooth, visit www.teufelaudio.com to subsequently purchase the KB 42 Bluetooth module as an accessory for your KB 42.

Attention Only use Bluetooth® 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.

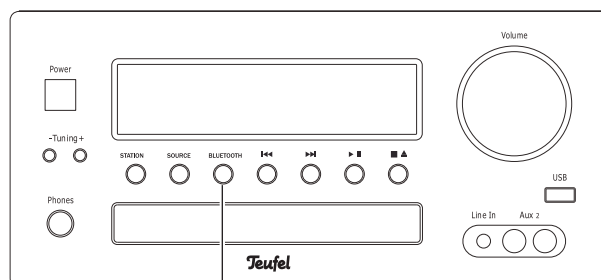


Pairing

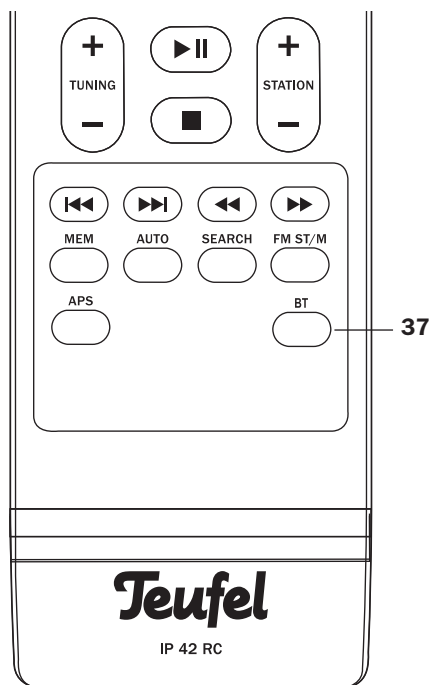
To play the audio of your external player on your KB 42 via Bluetooth®, you must first connect the devices with each other. This is called “Pairing”.

1. Turn on the Bluetooth® function on your external player (e.g. smartphone).
2. Push the “BLUETOOTH” button **10** or “BT” **37**. The KB 42 will switch the source to “Bluetooth®” and initiate pairing mode on its own. “BT pairing” will appear on the display.
3. Let your external player/smartphone search for Bluetooth® devices. You will find more information about this in the user manual of your external player. “Teufel Kombo 42” should also appear in the list of devices found after the search run.
4. Select “Teufel Kombo 42” from the list of detected devices.
Pairing is now complete and your KB 42 will now act as a Bluetooth® playback device. The KB 42 will now play back all sounds that would otherwise be played by your external player/smartphone.
5. To connect a new external player/smartphone with the KB 42 while a Bluetooth connection exists, push and hold the button **10** “BLUETOOTH” or **37** “BT” for 3 seconds. The Bluetooth ID of the connected external player will disappear and “BT pairing” will appear on the display. The device is once again in pairing mode.

Notice: If your KB 42 was previously connected to the external player, it is no longer necessary to switch it to pairing mode to connect again. Simply selecting it on your external player from the list of paired devices is enough.



10



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Playback

Notes:

- The volume setting of the external player also affects the volume of the KB 42.
 - If you select Bluetooth® as the source, but there is no KB 42 Bluetooth module in the slot, the error message “BT MODULE MISSING” will appear on the display. The KB 42 will then automatically select “CD” as the source after 5 seconds.
1. If you have not yet done so, push the button **10** “BLUE-TOOTH” or **37** “BT” to select Bluetooth® as the source.
 2. Establish the Bluetooth® connection between the external player and the KB 42 as described above.
 3. Start playback on your external player.
 4. Control playback on your external device or with the remote control (playback/pause, stop, next / previous track, volume).
 5. If your external player 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 KB 42.
 6. To terminate the Bluetooth® connection, turn off the Bluetooth® function on your external player and select another source on the KB 42.

Display readouts in BT mode

Mode	Display readout
Pairing	BT Pairing
With automatic connection process	Connecting
If the connection is established	Bluetooth ID of the connected external player

Care And Cleaning

Clean your CD receiver regularly with a soft, damp microfibre cloth. Please be absolutely sure to observe the following notes in the process:

Danger Danger of electric shock!

In contact with live parts, water can lead to electric shock or short circuit.

- Make sure that no liquids penetrate the unit.
 - Disconnect the mains plug before cleaning.
-

Attention Risk of damage!

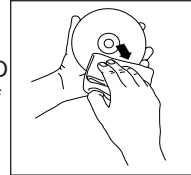
Using the wrong cleaning agents may damage the delicate surface of the housing.

- If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.
 - In no circumstances should caustic cleaning products, white spirit, thinners, petrol or similar be used for cleaning.
-

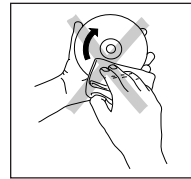
How to clean your CDs

To clean your CDs, only use cleaners approved exclusively for CDs.

If necessary, carefully wipe off the CD with a soft, lint-free cloth from the centre to the edge. To do so, hold the CD between your index finger and thumb of your other hand.



If your hand comes in contact with the playback side of the CD, this may cause playback problems.



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
Device is not working, the display is dark.	No power supply.	Check to make sure that the mains plug is properly seated.
		Check the function of the socket with another device.
The speakers do not emit sound.	The wrong source has been selected.	Select the correct source (see Seite 11).
	The volume is set to "0".	Increase the volume.
	The headphones are connected.	Pull the headphones out of the jack. If headphones are connected, the speakers have been switched off.
	The speaker cable is loose.	Check the speaker connections.
Playback is noisy.	Generally speaking, the CD receiver is a very low-noise system. The speaker system with very high resolution in the high range area can expose the poor quality of a signal source (e.g. from MP3 files).	Ensure that the source is sending a clear signal to the CD receiver.
Poor reception	The station is far away or the transmission power is very weak.	Attempt to improve reception by adjusting the direction of the antenna. Use the buttons 15 or 43 "TUNING +/-" to optimise the station reception. If necessary, switch to mono (push the "FM ST/M" button 35).
"NO DISC"	The CD has been inserted the wrong way around.	Insert the CD with the printed side up.

Protecting The Environment

Batteries and rechargeable batteries



Batteries and rechargeable batteries do not belong in the household garbage!

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

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

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

Disposing of the device



Old devices must not be disposed of with household waste!

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

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

Technical Data

Operating voltage:	220–240 V~, 50/60 Hz
Max. power consumption:	120 W
Dimensions (W x H x D):	275 x 125 x 350 mm
Net weight:	5.8 kg

You can find further technical data on our website.

Technical changes reserved!



This device fulfils the applicable European and national guidelines. This is confirmed by the CE mark (the manufacturer has corresponding declarations on file).

Teufel

For questions, suggestions or other issues please contact our customer service department:

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BIKINI Berlin
Budapester Str. 44
10787 Berlin (Germany)

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