Technical description and operating instructions
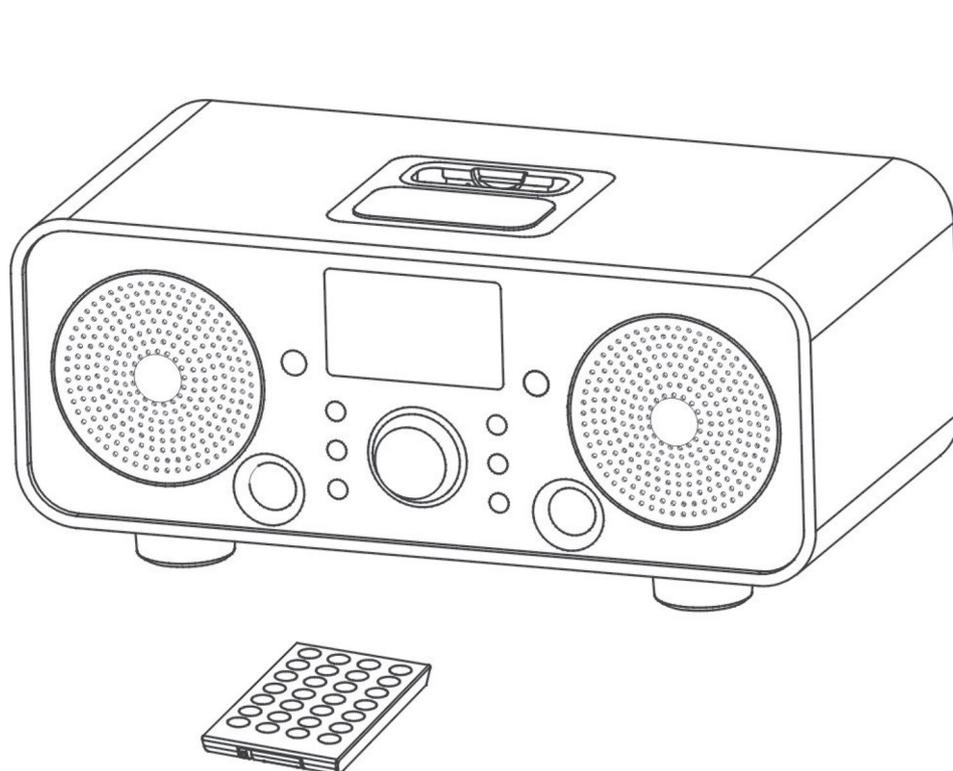
iTeufel Radio

Radio with alarm function and iPod interface

Teufel

Contents

General notes and information

Notice

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Version 1.0
July 2009

Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of the device WITH THE ORIGINAL PACKAGING.
Empty boxes are not available!

Complaints

In case of 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 and/or batch number

Can be found on the rear of the unit,
e. g. Batch No: MO 04007480121A

Many thanks for your support!

Contact

For questions, suggestions or criticism please contact our customer service department:
Lautsprecher Teufel GmbH
Gewerbehof Bülowbogen · Bülowstrasse 66
10783 Berlin (Germany)
Tel.: +49 (30) - 300 9 300
Fax: +49 (30) - 300 9 30 30
www.teufel.eu

Warranty conditions

2 year warranty for amplifiers and electronic equipment from date of purchase covers materials and workmanship, excludes damage caused by improper use or electrical or mechanical overload. Proof of warranty is the original of our invoice. This warranty applies solely to loudspeakers, amplifiers and electronics purchased from Teufel by an end user for private use. The warranty is not valid for loudspeakers, amplifiers and electronics, which pass to an end user via a third party merchant. In the case of a private re-sale of Teufel products, the warranty may be transferred to the purchaser as long as the original proof of purchase is also passed on to the purchaser.

Returns

Teufel provides the right to exchange or return within eight weeks with refund of the purchase price paid. Return of individual components sold as a package is only possible if these components are also sold individually by Lautsprecher Teufel. In the case of the return of one or more individual components the package price reduction offered by Lautsprecher Teufel on all components in a package no longer applies. The amount refunded to the customer for the components returned will therefore only be the difference between the package price and the purchase price of the individual parts. The economic result for the customer is that it is as if he/she had originally bought the remaining components at their individual prices.

Further information on the subject of returns may be found on the back of the returns form enclosed with the order or online in the support area of our website www.teufel.eu
If you need to return your goods please do not act without first speaking to Lautsprecher Teufel.
We can only process or accept your returns if you give us prior notification by telephone and discuss how to proceed!

Proper use

Only use the unit as described in these instructions. Any other use will be deemed as not in accordance with the instructions and may lead to damage to property or even persons. The manufacturer accepts no liability for damage caused by use not in accordance with the instructions.
The unit is intended for private use.

Before operating the unit for the first time please read the safety notes and operating instructions carefully. This is the only way to use all functions safely and reliably.
Keep the operating instructions safe and pass them on to anyone who may own the unit after you.

Safety notes

Caution Icons

You will find the following caution Icons in these instructions:

Danger	**High risk!**
⚠	Failure to observe the warning may result in severe personal injury or death.

Attention	**Moderate risk!**
⚠	Failure to observe the warning may result in property damage.

!	**Minor risk!**
	Points which should be observed when handling the unit.

Safety notes

Danger	**Risk of electric shock!**
⚠	Faulty electrical installation or excess mains voltage may result in an electric shock.

- The device's mains adapter is only suitable for mains voltage of 220 V – 240 V ~/50 Hz.
- If the unit's case or mains cable is defective or shows other signs of visible damage, disconnect the mains adapter immediately from the socket and do not operate the device.
- If the unit emits smoke or smells of burning or other unusual odours, disconnect it immediately from the power supply and do not operate it.
- The standby button does not disconnect the unit from the power supply. Plug the unit into an easily accessible socket so that it can be quickly disconnected in case of a fault.
- Never open the unit case.
  Repairs may only be carried out by an authorised specialist workshop. Only use parts which conform with the original unit specifications. There are electrical and mechanical parts in this unit which are essential in order to avoid exposure to sources of danger.
- Do not insert any object through the vent slots in the case.
- Only use the unit in indoor areas.
- Do not operate the unit in moist areas and protect it from drops of water or splash water.
  Also take care not to stand vases or other containers of liquid on or near the unit in order to avoid liquid getting into the case. If water or other foreign bodies should enter the case, disconnect it immediately from the mains power supply and remove any batteries. Send the unit to our service address.

- Never touch the mains adapter with wet hands.
- Check the unit regularly for damage.

Danger	**Danger to children!**
⚠	Children can become trapped in the packing film when playing and suffocate.

- Do not allow children to play with the unit or the packing film. Danger of suffocation.
- Ensure that children do not remove small parts or pull them off of the device (e. g. remote control batteries, buttons or plug adapters). They could swallow the parts and choke.
  If a battery is swallowed, take the child to a doctor immediately.
- Never allow children to operate electrical devices unsupervised.

Danger	**Danger to hearing!**
⚠	Loud noise may lead to hearing loss.

There is a potential risk of very high noise pressure especially when activating a device that is set to full volume. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk.
- Set your signal source unit volume control to a low setting.
- When the volume is set high, always keep a certain distance from the unit and never place your ear directly on the speaker.
- To avoid damage to health, avoid extended listening at high volume.

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 mucus membranes. In case of contact with acid rinse the affected location immediately with plenty of plain water and if necessary see a doctor.

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.
- Do not heat or short circuit batteries or rechargeable batteries and do not dispose them of by burning.
  Do not leave batteries or rechargeable batteries in direct sunlight.

Danger	**Danger of injury/damage!**
⚠	Incorrect location may result in damage.

- Do not use the device in vehicles without having it secured, in unstable locations, on wobbly tripods or furniture, on underdimensioned 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 unit 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 unit.
- Ensure sufficient ventilation.
- Do not place the unit in direct sunlight.
- Do not cover the ventilation slots with curtains, cloths, newspapers or similar. Heat build-up inside the unit can shorten the lifetime of the unit.

Attention	**Risk of damage**!
⚠	Power overload due to lightning strike may damage or destroy the unit.

- If the unit is to be left unsupervised for a long period (e. g. during a holiday), or if a thunderstorm is forecast, disconnect it from the mains power supply.
- Leaked batteries may damage the remote control.
- In case of prolonged absence remove the batteries from the remote control.
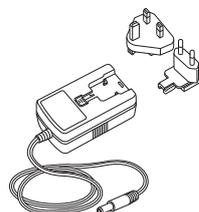
Overview
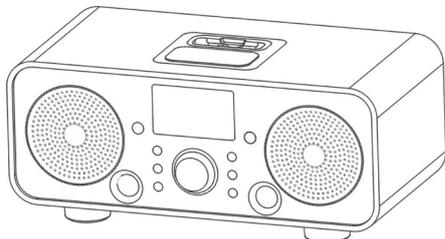
Product Contents
① 1 x Radio
② 1 x Remote control
③ 1 x Mains adapter
④ 1 x FM throw-out aerial
⑤ 1 x Dock adapter

Check to be sure
- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or you find damage sustained in transit, do not operate the unit but contact our service department (see page 3).
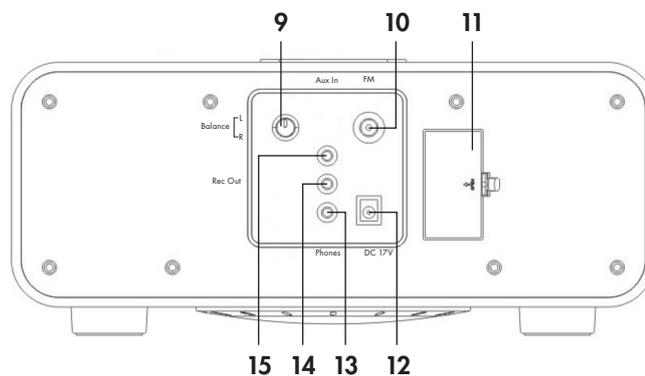
Controls and connections

Front
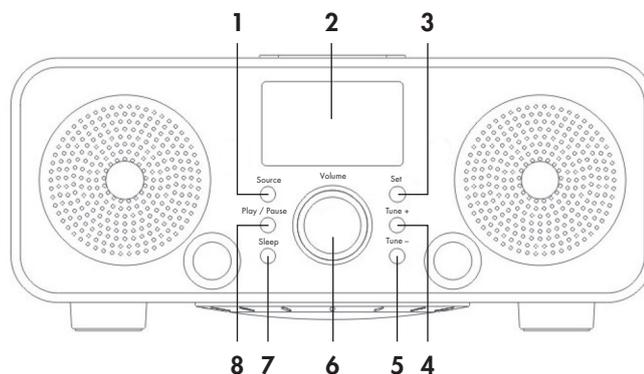
Pos	Name	Description
1	**Source**	Audio source selection
2	–	Display field
3	**Set**	Setting the time/alarm
4	**Tune +**	Setting the radio station +

Pos	Name	Description
5	**Tune –**	Setting the radio station –
6	**Volume**	Volume control
7	**Sleep**	Sleep function
8	**Play / Pause**	Playback/pause

Back

Pos	Name	Description
9	**Balance L/R**	Volume control left/right
10	**FM**	Antenna connection
11	–	Battery compartment
12	**DC 17V**	Connection for mains adapter

Pos	Name	Description
13	**Phones**	Earphone connection
14	**Rec Out**	Output jack for connecting an audio recorder
15	**Aux In**	Input jack for connecting an audio source

Top
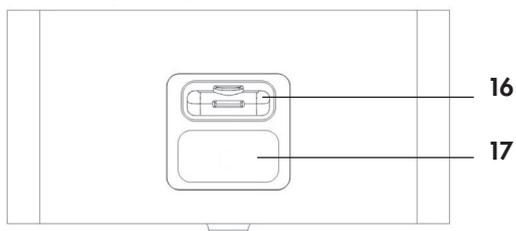
Pos	Name	Description
16	–	iPod Dock
17	**Mute/Snooze**	Mute and snooze button

Remote control
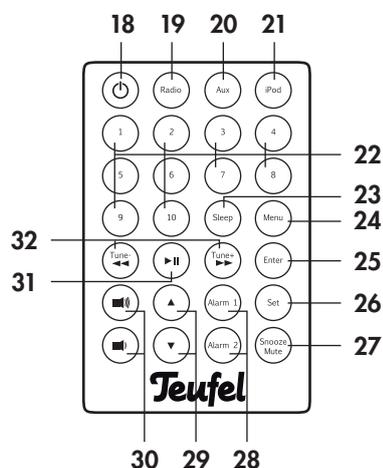
| Pos	Name	Description
18	⏻	Switching the device on or to standby
19	**Radio**	Audio source "Radio"
20	**Aux**	Audio source "Aux"
21	**iPod**	Audio source "iPod"
22	**1 .. 10**	Station buttons
23	**Sleep**	Sleep function
24	**Menu**	iPod menu button
25	**Enter**	Enter button
26	**Set**	Setting the time/alarm
27	**Snooze/Mute**	Mute and snooze button
28	**Alarm 1/2**	Setting alarm 1 or 2
29	**▲/▼**	Select buttons up/down
30	🔊 / 🔈	Increasing/decreasing volume
31	▶❚❚	Playback/pause
32	**Tune– ◄◄/ Tune+ ►►**	Setting fast backward/forward radio station scan +/-

Setup and connection

Setup location

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Avoid placing the unit close to sources of heat or in direct sunlight.
- Arrange the connector cables so that they do not pose a trip hazard.
- Do not place any heavy objects on top of the cables or the unit.

Inserting batteries

You can insert two mignon/AA batteries in the battery compartment **11** on the back of the device; they supply the clock reserve power in the event of a power failure. These batteries are not included.

1. Press the bar on the battery compartment in the direction of the arrow ("Open"), lift up the cover and remove it.
2. Insert two batteries (mignon/AA) in the battery compartment as shown in the figure.
3. Put the cover back on the battery compartment and push it closed.
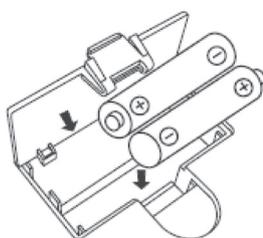
Audio input

You can connect almost any audio source to the mini-jack **15** "Aux In" on the back of the device. This includes computers, MP3 players (with/without a docking station), video game systems, televisions etc. The source device only needs an output with line level. These kinds of outputs are configured as stereo RCA jacks or as 3.5 mm mini jacks. With a corresponding connector cable, you can connect these devices to the jack **15** "Aux In". You can purchase these cables in our webshop (www.teufel. eu) in the "Accessories" area.

Antenna

Danger	**Risk associated with lightning strike!**

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

Connect the antenna for receiving FM/USW stations to the jack **10** "FM". This can be a roof/outdoor antenna or a cable television connection. You will need a coaxial cable for this.

If an antenna connection is not available at your setup location, you can use the enclosed throw-out aerial ④. Unwind the throw-out aerial, insert the plug into the jack **10** "FM" and adjust the position of the throw-out aerial until you have the best possible reception. Then fix the antenna in place with tape.
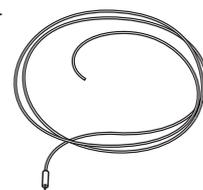
Audio output

The audio signal is issued at the mini jack **14** "Rec Out". You can connect an audio record device (e. g. cassette recorder) here.

Connecting to a power supply

Plug inserts for Germany (Euro plugs) and Great Britain are included with the mains adapter ③. By depressing the locking mechanism (see arrow), you can pull off the insert.

- Slide the Euro plug insert into the mains adapter (see figure).
- Insert the small plug of the mains adapter in the jack **12** "DC 17V".
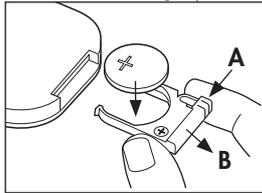- Connect the mains connector jack with a power supply socket.
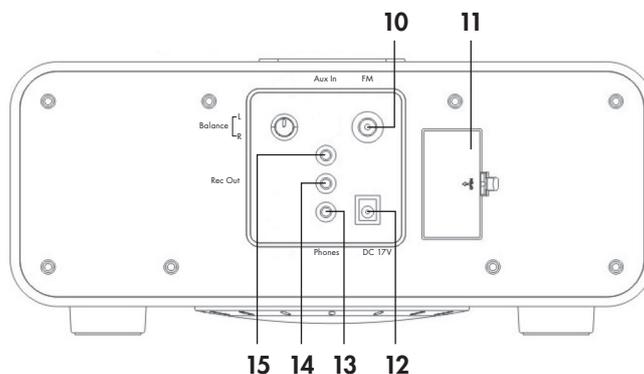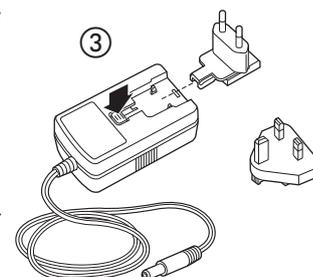
Remote control

A 3-volt button cell, type CR2025 is used to power the remote control.

Upon delivery, this button cell is already in the remote control and is secured by a plastic strip. The strip is visible on the back of the remote control. Just carefully pull it out. The remote control is now ready for use.
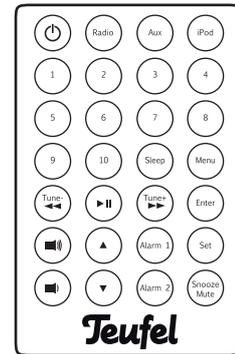
Changing the batteries

1. Hold the remote control with the bottom facing up.
2. Press the bar on the battery compartment to the middle (**A**) and pull out the compartment (**B**).
3. Take out the empty batteries (please observe the notes on page 16).
4. Insert the new battery in the bracket. In the process, the "+" symbol must be visible on the battery and bracket.
5. Put the bracket back into the unit and push the compartment until it locks into place.

Functionality

The remote control transmits infrared control signals.

For this, it is necessary that you point the remote control towards the iTeufel radio. Make sure no objects are in the way of the infrared signal.

Fluorescent lamps installed in the direct vicinity may affect the functions of the remote control or even impair them.

Clock and alarm

The integrated clock always displays the current time in the display field **2**. There are two alarms, a sleep function (up to 90 minutes) and a snooze function (five times every seven minutes).

Setting the time

1. Briefly press the button **3** or **26** "Set" once. "CLOCK" will blink in the display field **2**.
2. Briefly push the volume control **6** "Volume" once or the button **25** "Enter".
   "TIME SET" will blink in the display field **2**.
3. Briefly press the volume control **6** "Volume" again or the button **25** "Enter".
   The time will appear in the display field and the minutes will blink.
4. Set the minutes with the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–".
5. Briefly press the volume control **6** "Volume" again or the button **25** "Enter". Now the hours will blink in the display field.
6. You can also set the hours with the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–".
7. Briefly press the volume control **6** "Volume" again or the button **25** "Enter". The time has now been set.
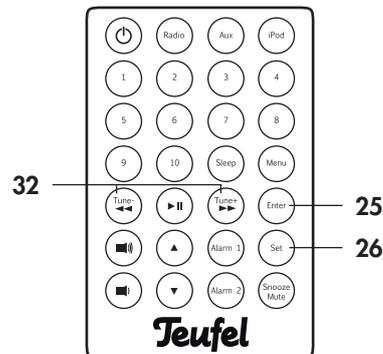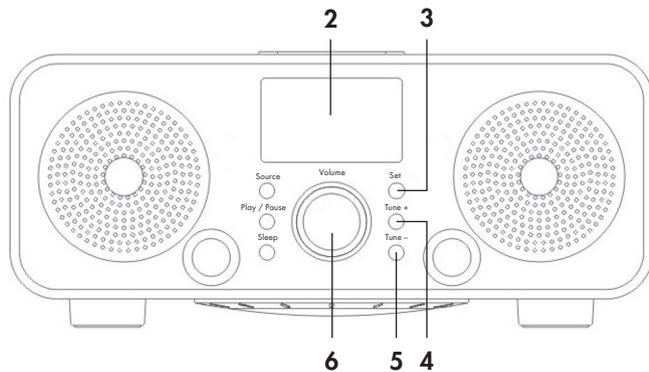
12/24 hour display

This allows you to switch the time format between 24 and 12 hour time (with am/pm):

1. Briefly press the button **3** and/or **26** "Set" once. "CLO-CK" will blink in the display field **2**.
2. Briefly push the volume control **6** "Volume" once or the button **25** "Enter". "TIME SET" will blink in the display field **2**.
3. Briefly press the button **4** "Tune +" and/or **32** "Tune +" once. "FORMAT" will blink in the display field **2**.
4. Briefly press the volume control **6** "Volume" or the button **25** "Enter". The current setting "12" or "24" will appear in the display field.
5. Select the desired setting using the buttons **4** "Tune +" and/or **32** "Tune +".
6. Briefly press the volume control **6** "Volume" again or the button **25** "Enter".
7. The time format has now been set.

Setting the alarm

You can set two alarms ("ALARM 1" and "ALARM 2") that can be also used at the same time. For every alarm, you can set whether you want to be woken up by an alarm tone or an audio source.

If you have set an alarm, a corresponding message appears in the display field ("ALARM 1" and/or "ALARM 2").

1. Briefly press the button **3** and/or **26** "Set" once. The notice "CLOCK" will blink in the display field **2**.
2. Briefly press the button **5** "Tune –" and/or **32** "Tune –". The notice "ALARM" will blink in the display field **2**.
3. Briefly push the volume control **6** "Volume" once or the button **25** "Enter". "ALARM 1" will blink in the display field **2**.
4. By briefly pressing the button **4** "Tune +" and/or **32** "Tune +" you can switch between ALARM 1 and 2.
5. Briefly press the volume control **6** "Volume" or the button **25** "Enter". The current setting "ON" (on) or "OFF" (off) will appear in the display field.
6. Select the desired setting with the buttons **4** "Tune +" and/or **32** "Tune +".
7. Briefly press the volume control **6** "Volume" or the button **25** "Enter" again.

If you have turned off the alarm ("OFF"), the setting process has ended.

If you have turned on the alarm ("ON"), you can now set the wake-up time:
The wake-up time appears in the display field and the minutes will blink.

8. Set the minutes with the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–".
9. Briefly press the volume control **6** "Volume" again or the button **25** "Enter". Now the hours will blink in the display field.
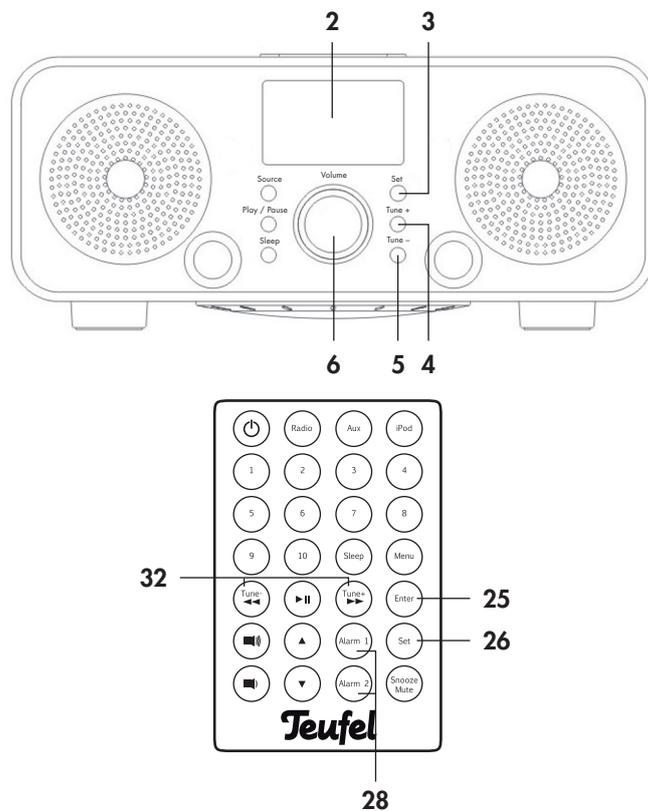
10. You can also set the hours with the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–".
11. Briefly press the volume control **6** "Volume" again or the button **25** "Enter". The notice "BEEP" will appear at the bottom of the display field.
12. Using the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–" you select how you want to be woken up:

    BEEP – Alarm tone
    FM – Radio
    AUX – External audio source
    IPOD – iPod

13. To complete the process, briefly press the volume control **6** "Volume" or the button **25** "Enter". The wake-up time has now been set.

! **Important!**
If you have selected FM, AUX or IPOD for the alarm, the corresponding device must already be ready for playback meaning the station has been set, the external device is activated, the iPod is in the dock. Otherwise nothing will happen at the wake-up time and you will oversleep!

Quickly activating/deactivating the alarm

You can quickly activate and deactivate the alarms with the buttons **28** "ALARM 1/2" on the remote control:

• Press the corresponding button **28** "ALARM 1" or "ALARM 2". The wake-up time that has been set appears in the display field and the alarm status "ON" is also shown above.

• If you want to activate the alarm, briefly press the volume control **6** "Volume" or the button **25** "Enter". The alarm has now been set and is active.

• Otherwise press the corresponding button **28** "ALARM 1" or "ALARM 2" again. The alarm status "OFF" appears in the display field above the alarm time.

• If you want to deactivate the alarm, briefly press the volume control **6** "Volume" or the button **25** "Enter". The alarm has now been turned off and is inactive.

• Otherwise, press the corresponding button **28** "ALARM 1" or "ALARM 2" again, thereby ending the process.

With the above steps, the device will automatically abort the process if there is no button activity for five seconds.

Snooze

The wake-up time has been reached, the alarm tone or music wakes you up. "Just one more minute.." No problem: Press the button **17** "Mute/Snooze" and the iTeufel Radio will remain silent for seven minutes. You can do so up to five times, afterwards the device gives up and lets you sleep in peace..

Sleep function

With this function, the iTeufel Radio turns off after a preset time.
1. Start the selected playback.

2. Press the button **23** "Sleep". The status "SLEEP" will appear in the display field **2** and behind it "00" blinks in the display field.
3. With the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–" you can set the desired deactivation time in 15-minute increments. The maximum setting is 90 minutes, the setting "00" deactivates the sleep function.
4. To complete the process, briefly press the volume control **6** "Volume" or the button **25** "Enter".
The sleep function has now been started.

! **Important!**
If you set the music volume too low when going to bed and have also selected music as your alarm tone, the volume may be too low! If this is the case, opt for the alarm tone ("BEEP").

17
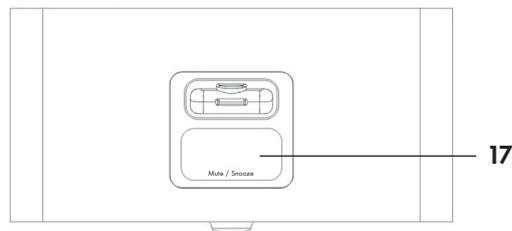
Display field

You can set the brightness of the display field as follows:
1. Briefly press the button **3** and/or **26** "Set" once. The message "CLOCK" will blink in the display field **2**.
2. Briefly press the button **5** "Tune –" and/or **32** "Tune –" three times. "DISPLAY" will blink in the display field **2**.
3. Briefly press the volume control **6** "Volume" or the button **25** "Enter" once. The message in the display field **2** will change to "DISPLAY BACKLITE" (display field lighting) and the current setting will blink behind.
4. Set the desired brightness using the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–". Potential

settings are 1 (dark) to 5 (bright) or "AU" for automatic. With "AU", the brightness automatically adjusts to the room lighting.
5. To complete the process, briefly press the volume control **6** "Volume" or the button **25** "Enter" again. The display field brightness has now been set.

Basic functions

Activating and deactivating

- By holding down the volume control **6** "Volume" (for approximately one second) or by pressing the button **18** "⏻", you switch your iTeufel radio to operating and/or standby mode.

Selecting a source

After activation, the last audio source selected is activated.

- With the button **1** "Source" and/or the buttons **19** "Radio", **20** "Aux" and **21** "iPod", you change the source. The selected source is shown in the display field **2**.
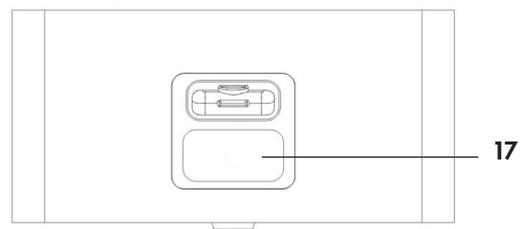
Adjusting the volume

- Increasing the volume: Turn the control **6** "Volume" clockwise and/or press the button **30** "◼︎))".
- Decreasing the volume: Turn the control **1** "Volume" counter-clockwise and/or press the button **30** "◼︎".

The selected volume is shown in the display field **2** in the range 01 (low) to 32 (high).
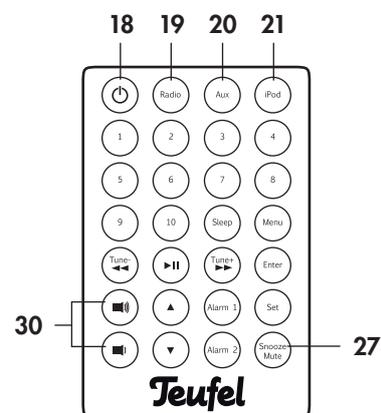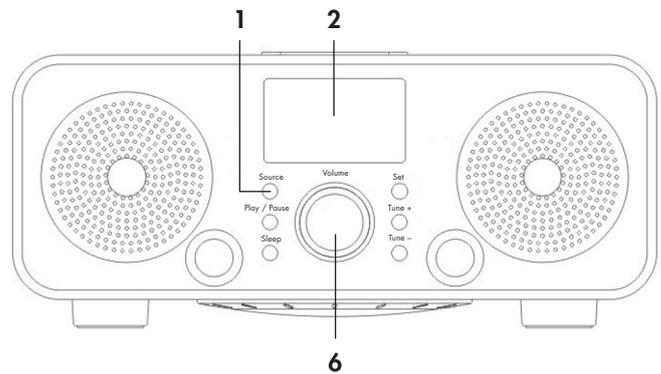
Mute

- With the button **17** and/or **27** "Mute/Snooze" you can turn off the sound. The message "– –" will appear in the display field **2** instead of the volume.
- Turning the sound back on: Press the button **17** and/or **27** "Mute/Snooze" again or change the volume.
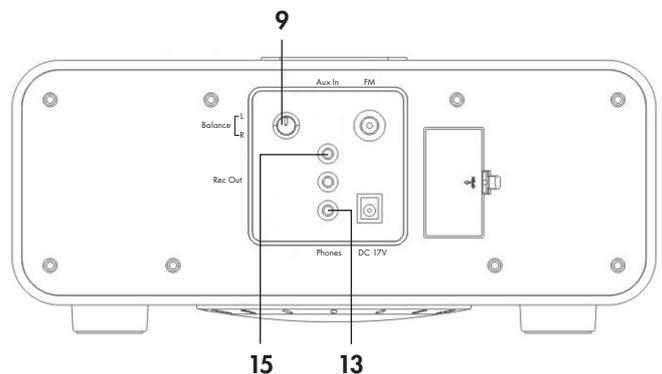
Setting the balance

The balance is the relation between the volume of the right and left speakers.
You can set the balance with the control **9** "Balance". The intermediate setting is marked by a noticeable notch.

Earphone mode

You can connect stereo earphones to the jack **13** "Phones" – the speakers are automatically deactivated in the process.

Radio playback

Select the source "Radio" (see previous page). The iTeufel radio can receive mono and stereo stations in the range from 87.5 to 108 MHz.

For stations with a RDS signal the name of the station is shown in the display field.

Setting the radio stations

Set the receiving frequency with the buttons **4** "Tune +" and **5** "Tune –" and/or **32** "Tune +/–".
- The frequency is increased and/or reduced by one increment (0.05 MHz) each time the button is depressed.
- Hold down the button to continually increase and/or decrease the frequency.

Station scanning

Briefly pressing the volume control **6** "Volume" starts station scanning until a station with sufficient transmitting power is found.

Station memory

Your radio can save up to 10 stations. You can conveniently select the stored stations later with the remote control.

Saving stations

- Set the desired station as described above.
- Press down the station button **22** "1 .. 10" with the desired memory slot number for approximately three seconds. The message "M" will appear in the display field **2** and the selected memory slot number will blink for a short time.

The station has now been stored.

Selecting stations from the memory

You can select the stored stations directly using the station buttons **22** "1 .. 10".
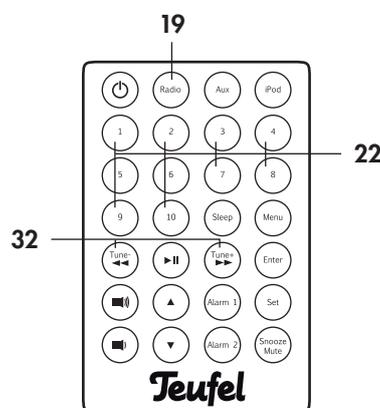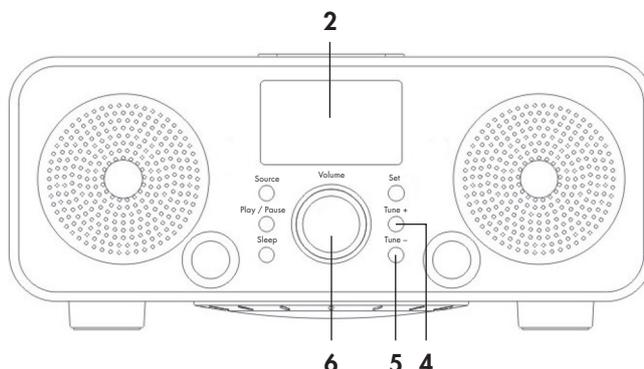
Inserting an iPod

- Insert the iPod adapter ⑤ in the iPod dock **16** on the top of the iTeufel radio. Push the adapter into the dock until it locks into place.
- Carefully set the iPod on the plug contact in the dock.

The iPod is now ready for playback and its storage battery is being charged by the iTeufel radio.

> **!** **Important!**
> With the iPod Touch, you will have to launch the application "iPod".
> It is normally located in the dock area of the home screen.

iPod playback

- With the button **1** "Source" and/or **21** "iPod" select "IPOD" as a source.

You can now control the iPod directly using the iTeufel radio remote control:

Remote control button	Corresponds to the iPod button
24 Menu	MENU
25 Enter	Select
32 Tune–	◄◄
32 Tune+	►►►
31 ►❙❙	►❙❙
29 ▲/▼	Scroll wheel

- Starting and pausing playback: Press the button **8** "Play/Pause" and/or **31** "►❙❙".
- Playing the next track: Press the button **32** "Tune +/►► ".
- Playing the previous track: Press the button **32** "Tune –/◄◄".
- For fast track playback: Hold down the button **32** "◄◄" or "►►". Release button **32** to continue normal playback.

Removing an iPod

- Stop the playback by pressing the button **8** "Play / Pause" and/or **31** "►❙❙".
- Carefully take the iPod out of the dock.
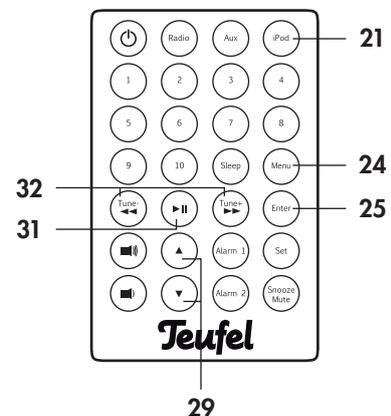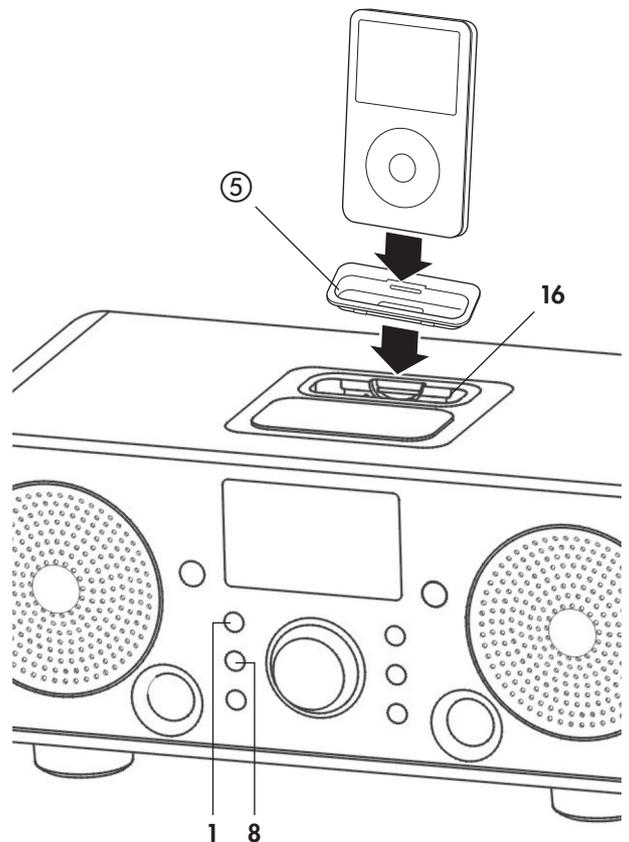
Care and cleaning

Clean your iTeufel radio regularly with a soft, damp microfibre cloth. In the process, be absolutely sure to observe the following notes:

Danger	**Risk of electric shock!**
⚠	In contact with live parts, water can lead to electric shock or short circuit.

- Ensure that no liquid penetrates the unit.
- Before cleaning, disconnect the mains adapter.

Attention	**Risk of damage**!
⚠	Using the wrong cleaning materials may damage the delicate surface of the case.

- If possible use only plain water with no cleaning products. 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.

Troubleshooting

The following instructions should help you to solve problems. If this doesn't work, please contact our hotline (see page 3). Mind the warranty instructions.

Problem	Possible cause	Solution
The device doesn't work, the display is dark.	No power supply.	Check that the mains adapter is seated properly.
		Check that the socket is functioning properly by connection another device to it.
The speakers produce no sound.	Wrong source selected.	Select the correct audio source.
	Volume is set to "0".	Increase the volume.
	Earphones are connected.	Pull the earphones out of the jack. The speakers are deactivated when earphones are connected.
Poor reception.	Try to improve the reception by adjusting the direction of the antenna. Find the optimal setting for the station using buttons **4** and **5** and/or **32** "Tune +/–".	
iPod does not play.	iPod was not inserted properly.	Check whether the dock adapter and the iPod have been inserted properly.
	iPod malfunction.	Take the iPod out of the dock and check whether the iPod works with earphones. You will find notes on resetting the iPod in the instructions for your iPod or on the website www.apple.com/de/.

Protection of the environment

Batteries and rechargeable batteries

Batteries and rechargeable batteries must not be disposed of with household waste!
Every consumer is required by law to bring all batteries and rechargeable batteries, whether they contain harmful substances*) or not, to a collection point run by the communal authority or borough or run commercially, so that they can be disposed of in an environmentally friendly manner.
Please only hand in fully discharged batteries!

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

Disposing of the unit

Used units must not be disposed of with household waste
If the unit is no longer operational, every consumer is required by law to dispose of used devices separate from household waste, e. g. at a collection point run by the communal authority borough. In this way, used devices can be recycled and waste materials disposed of in an environmentally friendly manner.
For this reason, electrical equipment is labelled with the symbol shown on the right.

Technical data

Operating voltage:	220–240 V~, 50/60 Hz
Sinus wave power handling:	35 Watt
Radio reception range:	USW (87.5 MHz – 108.0 MHz)
Dimensions (W x H x D):	340 x 145 x 174 mm
Net weight:	3.1 kg

Technical changes reserved!

This product conforms with Council of the European Union guidelines 2004/108/EC and 2006/95/EC