Technical description and operating instructions
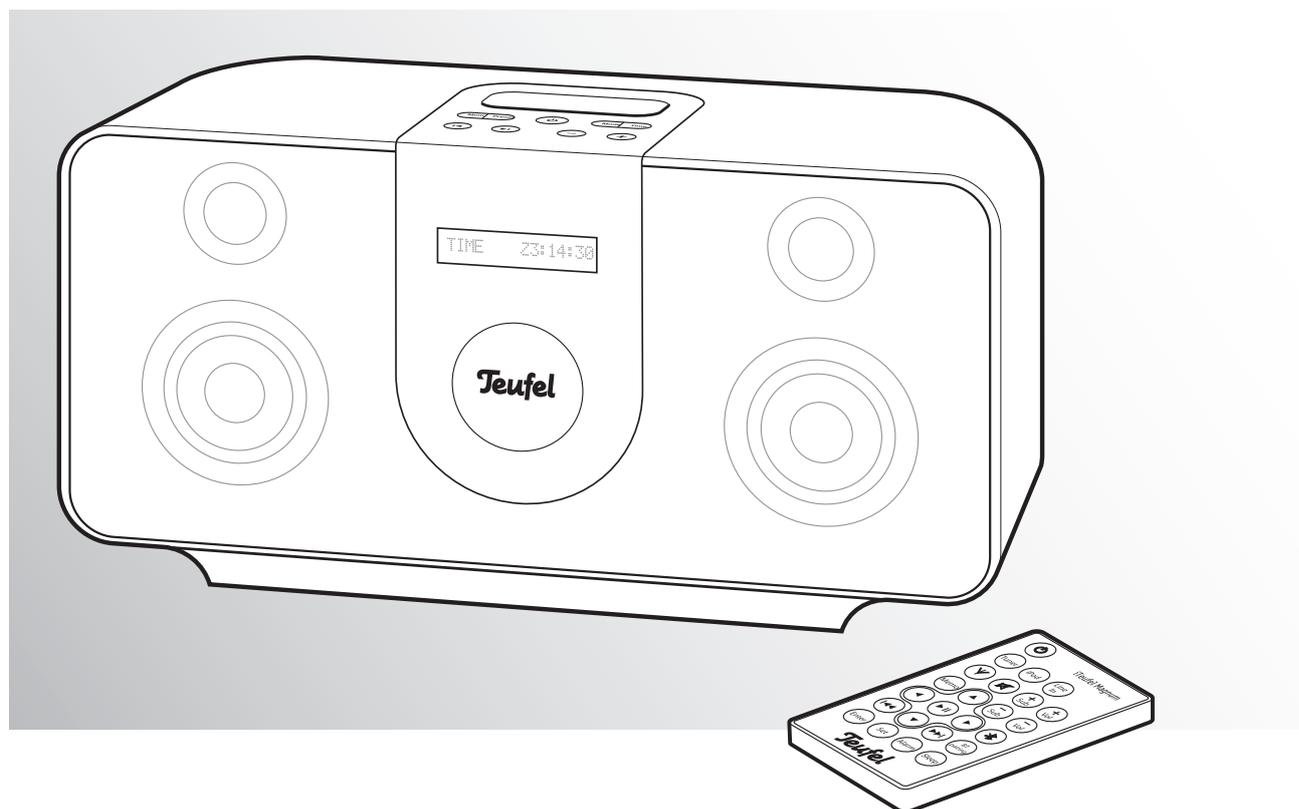
iTeufel® Magnum

Table radio with iPod dock and Bluetooth interface

Made for
iPod   iPhone

Teufel

Contents

General notes and information

Notice

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Version 1.1
Dezember 2011

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 IN 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 batch number respectively

Located on the back side of the device,
e.g. MO 04007480121A

Many thanks for your support!

Contact

For questions, suggestions or any other issues please contact our customer service department:
Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen
Buelowstrasse 66
10783 Berlin (Germany)
Phone: 00800 - 200 300 400 (free of charge)
Fax: +49 (0)30 - 300 930 930
E-Mail: service@teufelaudio.com
www.teufelaudio.com

Proper use

Only use the unit as specified 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 injury to persons.
The manufacturer accepts no liability for damage of the device caused by use not in accordance with the instructions.
The unit is intended for private use.

Before operating the unit 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 installation of electrical equipment or mains voltage which is too high can cause electric shocks.

- The device is only suitable for use with a power supply voltage of 220–240 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 mains supply. For this reason, connect it to an easily accessible socket so that you are able to quickly disconnect it from the mains supply in the event of faults.
- Never open the unit case.
  Repairs may only be carried out by an authorised specialist workshop. Only use parts which conform to 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 place 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 objects should enter the case, immediately disconnect the mains plug 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 from the unit or take them off of the unit (e.g. the remote control batteries, control buttons or plug adapters). They could swallow the parts and choke.
  If, however, a battery is ingested, seek immediate medical attention with the child.
- 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 sudden very high noise pressure especially when activating the device which is set to full volume. Besides physical injury this may also have psychological consequences. 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 in fire.
  Do not expose the batteries and rechargeable batteries to direct sunlight.

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

- Never use the unit unmounted in vehicles, in unstable locations, on wobbly tripods or furniture, on under-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.
- Handle the speaker (subwoofer) on the bottom of the device with care – do not place the device on objects that could damage the speaker.
- 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 or near the unit.
- Ensure sufficient ventilation.
- Do not place the unit in direct sunlight.
- Do not cover the ventilation slots with curtains, blankets, 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.
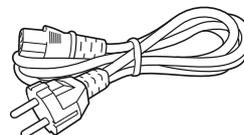- In case of prolonged absence, remove the batteries from the remote control.

Overview
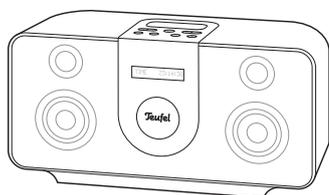
Product contents
① 1 x table radio
② 1 x remote control
③ 1 x power cord
④ 1 x FM throw-out aerial
⑤ 4 x Dock adapter

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).

Control elements and connections

Front and top side
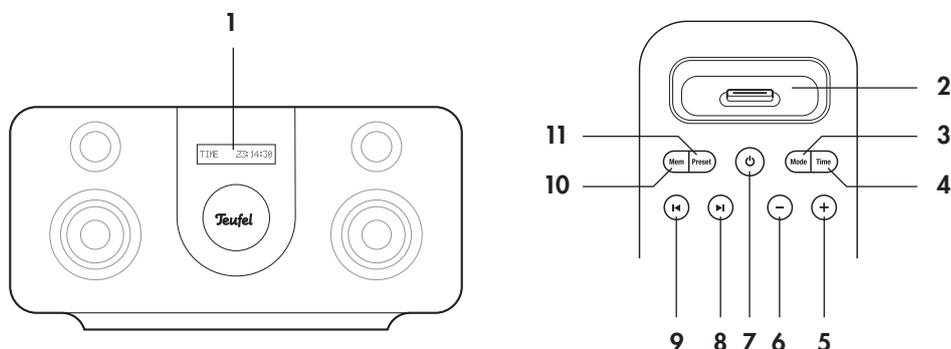
Pos	Name	Description
1	–	Display panel
2	–	iPod Dock
3	**Mode**	Switch audio source
4	**Time**	Set the time/alarm
5	**+**	Increase the volume
6	**–**	Reduce the volume

Pos	Name	Description
7	⏻	Turn the unit on or to standby
8	▶❙	Next track or fast forward
9	❙◀	Restart track/previous track and fast rewind respectively
10	**Mem**	Save radio stations
11	**Preset**	Access saved stations

Back side
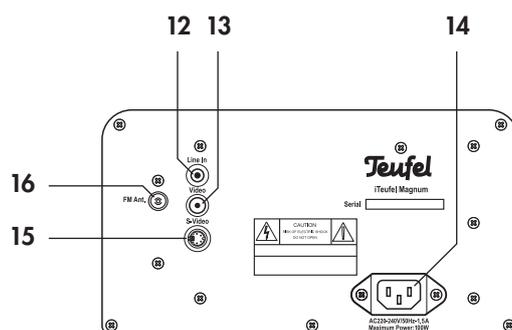
Pos	Name	Description
12	**Line In**	Input jack for connecting an audio source
13	**Video**	Audio output jack for connecting to a television set (FBAS)
14	–	Connector jack for power cord

Pos	Name	Description
15	**S-Video**	Output jack for connecting to a television set (S-Video)
16	**FM Ant.**	Antenna connection

Remote control
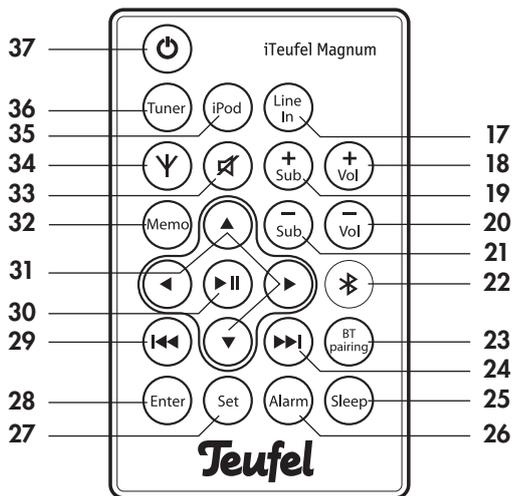
Pos	Name	Description
17	**Line In**	Audio source: External
18	**+ Vol**	Increase the volume
19	**+ Sub**	Increase the subwoofer volume
20	**– Vol**	Reduce the volume
21	**– Sub**	Decrease the subwoofer volume
22	✳	Audio source: Bluetooth
23	**BT pairing**	Register Bluetooth device
24	►►⏐	Next track and fast forward respectively
25	**Sleep**	Sleep function
26	**Alarm**	Turn alarm on/off
27	**Set**	Set time and alarm time
28	**Enter**	Confirm entry
29	⏐◄◄	Restart track/previous track and fast rewind respectively
30	►⏐⏐	Playback/pause
31	◄▲►▼	Navigation buttons
32	**Memo**	Save radio stations
33	⌀	Mute
34	⅄	Radio stereo/mono playback
35	**iPod**	Audio source: iPod dock
36	**Tuner**	Audio source: Radio
37	⏻	Switch device on or to standby

Setup and connection

Location tips

- 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.

Audio input

You can also connect almost any audio source to the mini jack plug socket **12** "Line In" on the back of the device such as computers, MP3 players, video game systems, televisions etc. The source device only needs an output with line level. These outputs are configured as stereo RCA jacks or as 3.5 mm jack plugs. With a corresponding connector cable, you can connect these devices to the jack **12** "Line In". You can purchase these cables in our webshop (www.teufelaudio.com) in the "Accessories" area.

Video output jacks

Some iPod models (e.g. iPod Touch) are also capable of video playback and send the signal via the dock connector jack.

With the iTeufel® Magnum, this signal is still available as always from the connector jacks **13** "Video" and **15** "S-Video". You can connect a television via an RCA or s-video cable in order to view images and movies from the iPod on a large screen. Audio playback is emitted from the iTeufel® Magnum.

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 **16** "FM Ant." in order to receive FM/USW stations. 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 **16** "FM Ant." jack and adjust the position of the throw-out aerial until you have the best possible reception. Then fix the antenna in place with tape.

Connecting to a power supply

Connect the jack **14** on the back of the device with a power supply socket via the power cord ③.
The Teufel logo on the front of the unit will illuminate in red.
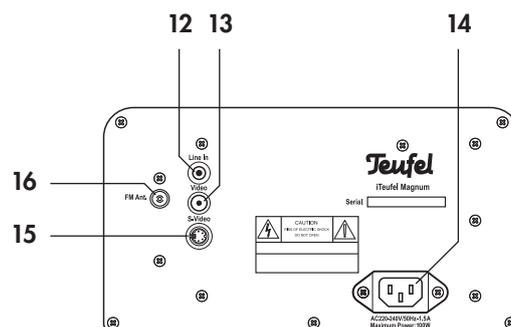
Remote control

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

At delivery, this battery 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 pull it out carefully. The remote control is now ready for use.
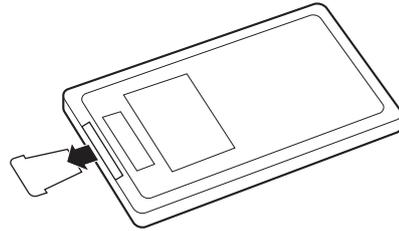
Changing the batteries

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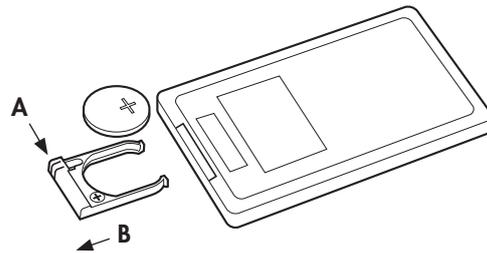
Functionality

The remote control transmits infrared control signals. For this, it is necessary that you point the remote control towards the iTeufel® Magnum. Ensure that no objects are in the way of the infrared signal.

Fluorescent lamps and energy-saving lights installed in the direct vicinity may affect the functions of the remote control or may even fully impair them.

Basic functions

Activating and deactivating

- Push the button **7** or **37** "⏻" to switch your iTeufel®
  Magnum to operation and standby respectively. In
  standby, the "Teufel" logo on the front side of the unit
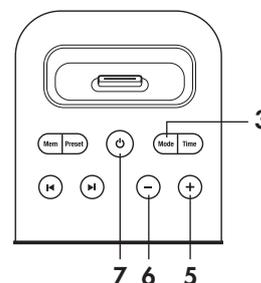 illuminates in red and in blue in operation mode.

Selecting a source

After activation, the last audio source selected is acti-
vated.

Push the button **3** "Mode" to switch the source or select a
source directly with the buttons
- **36** "Tuner" (radio)
- **35** "iPod" (iPod dock)
- **17** "Line In" (external audio source)
- **22** "✳" (Bluetooth device)

The selected source is shown in the display panel **1**.

Adjusting the volume

- To increase the volume:
  Push the button **5** "+" or **18** "+ Vol".
- To decrease the volume:
  Push the button **6** "–" or **20** "– Vol".

The selected volume is shown in the display field **1** in the
range 0 (low) to 40 (high).

Adjusting the subwoofer

The subwoofer is located on the bottom side of the unit
and produces powerful bass tones. You can set the vol-
ume of the subwoofer from –10 to +10 in relation to the
stereo speakers:
- To increase the subwoofer volume:
  Push the button **19** "+ Sub".
- To decrease the subwoofer volume:
  Push the button **21** "– Sub".

Mute

- Turn off the sound with the button **33** "🔇".
  The notice "Mute" will appear on the display panel **1**
  instead of the volume.
- To turn the sound back on: Push the button **33** "🔇"
  again or change the volume.
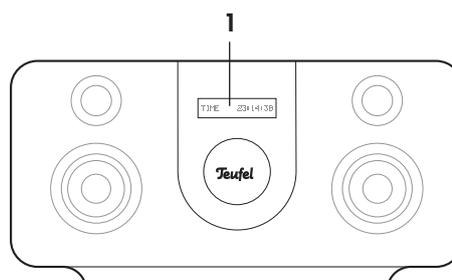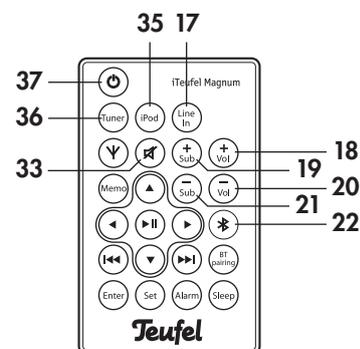
Clock and alarm

The integrated clock displays the current time on the display panel **1**. An alarm function and a sleep function (up to 120 minutes) are available.

Setting the time

- Briefly push the button **27** "Set" once. The notice "TIME" and the time will appear on the display panel **1**. The hour value will blink.
- Select the hours, minutes and seconds with the navigation buttons **31** right "▶" and left "◀".
- Set the numbers with the navigation buttons **31** up "▲" and down "▼".
- Push the button **28** "Enter" to confirm the setting. You have now set the time.

Setting the alarm

You can also set your iTeufel® Magnum to wake you up to music. To set the alarm time:

- Briefly push the button **27** "Set" twice. The notice "ALARM" and the alarm time will appear on the display panel **1**. The hour value will blink.
- Select the hours, minutes and seconds with the navigation buttons **31** right "▶" and left "◀".
- Set the numbers with the navigation buttons **31** up "▲" and down "▼".
- Push the button **28** "Enter" to confirm the setting. You have now set the alarm time.

Activating and deactivating the alarm

With the button **26** "Alarm", you can turn the alarm on and off. When you turn the alarm on, "ALARM ON" will briefly appear on the display panel; when you turn it off, "ALARM OFF" will be displayed.

> **!** **Important!**
>
> - Do **not** use the sources Bluetooth or Line In for the alarm as these devices may enter into standby, which the iTeufel® Magnum is not able to control!
> - If you select tuner or iPod as an alarm source, the respective device must also be configured for playback, meaning the station must be set and the iPod must be inserted. Otherwise, no sound will be played when the alarm goes off and you will oversleep!

If the alarm has been activated and the device is in standby, a clock symbol appears on the display panel between the notice "Time" and the time of day.

Reading the time

To read the time, push any button except for the On/Off buttons **7** and **37** "⏻" respectively. The display panel will then illuminate for 20 seconds.

Sleep function

This function turns off the iTeufel® Magnum after a set amount of time.

- Start the selected playback.
- Push the button **25** "Sleep". The notice "SLEEP OFF" will appear on the display panel **1**.
- Pushing the button **25** "Sleep" again sets the time before turning off in 30 minute increments. The maximum time is 120 minutes. The setting "SLEEP OFF" deactivates the sleep function.

> **!** **Important!**
>
> If you set the music volume to low when falling asleep and also have selected music for your alarm, the volume may be too low!
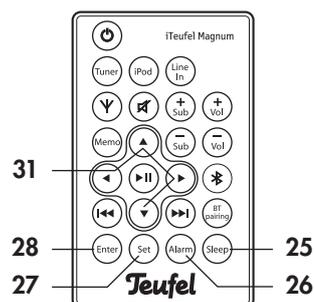
Radio playback

Select "Radio" as the source (see page 10). The iTeufel®
Magnum is capable of receiving mono and stereo sta-
tions in the range from 87.5 to 108 MHz.

The name of the station is shown on the display panel for
stations with a RDS signal and you can view the radio
text by pushing the button **30** "▶❚❚" (not all radio stations
offer this service).

Setting the radio stations

With the buttons **8** "▶❙" and **9** "❙◀" and the navigation
buttons **31** up "▲" and down "▼" respectively you can
set the tuning frequency:
- The frequency is increased and reduced respectively
  by one increment (0.05 MHz) each time the button is
  depressed.
- Holding down the button initiates station scanning until
  a station with an adequate signal is located.

Mono/Stereo

Stations with a weak signal may result in poor reception
in stereo mode. With the button **34** "ɥ", you can then
switch to mono mode.

Station memory

Your radio can save 20 stations. You can easily select the
stations in the memory later by pushing a button.

Saving stations

- Set the desired station as previously described, then...

On the device:

1. Push the button **10** "Mem". The memory slot number
   will blink on the display panel.
2. With the buttons **8** "▶❙" and **9** "❙◀", select the desired
   memory slot number.
3. Push the button **10** "Mem" again. The station has now
   been stored.

On the remote control:

1. Push the button **32** "Memo". The memory slot number
   will blink on the display panel.
2. With the navigation buttons **31** right "▶" and left "◀",
   select the desired memory slot number.
3. Push the button **28** "Enter". The station has now been
   stored.

Selecting stations from the memory

- Push the button **11** "Preset" to select the memory slots
  "00" to "19" one after another.
- With the navigation buttons **31** right "▶" and left "◀"
  you can increase and decrease the memory slot
  number.
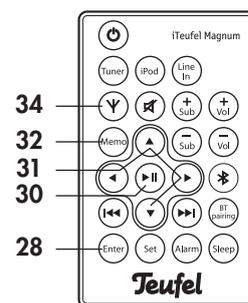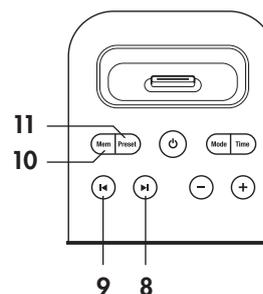
iPod mode

You can use all current iPod with a dock connector jack on the iTeufel® Magnum. It is possible that not all functions are available with older devices.

Inserting an iPod

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

- Put a matching iPod adapter ⑤ into the dock **2** at the top of the iTeufel® Magnum. Press the adapter firmly until it clicks into place.
- Carefully set the iPod on the dock plug **2**.
  The iTeufel® Magnum will automatically switch to the source "iPod" and the notice "iPod register" will appear on the display panel for a moment. Playback is then initiated and the name of the iPod appears on the display panel.

The iPod is now ready for use and its rechargeable battery is being charged by the iTeufel® Magnum.
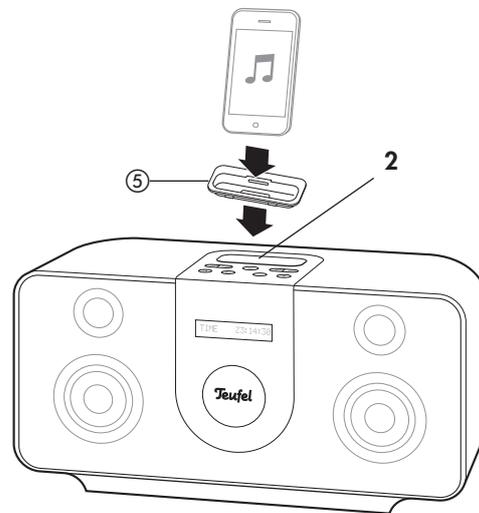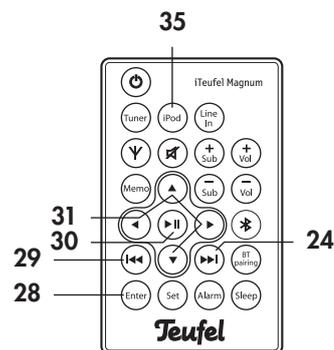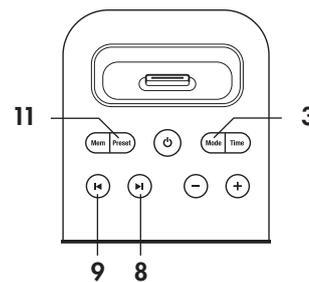
iPod playback

- Select "IPOD" as the source with the button **3** "Mode" and **35** "iPod" respectively.

You can now control the iPod directly with the remote control of the iTeufel® Magnum:

Remote control button	Corresponds to the iPod button
31 ◄	MENU
11 Preset, **28** Enter	Select
9 I◄, **29** I◄◄	I◄◄
8 ►I, **24** ►►I	►►I
30 ►II	►II
31 ▲/▼	Scroll wheel/navigation

- Start and stop playback:
  Push the button **30** "►II".
- Play the next track:
  Tip the button **8** "►I" and **24** "►►I" respectively.
- Play the previous track:
  Tip the button **9** "I◄" and **29** "I◄◄" respectively.
- Fast track playback: Hold down the button **8** "►I" and **24** "►►I" respectively
  or button **9** "I◄" and **29** "I◄◄" respectively. Release the button to continue normal playback.

Removing an iPod

- Stop playback by pushing the button **30** "►II".
- Carefully take the iPod out of the dock.

Bluetooth operation

The Bluetooth transmission technology replaces connector cables between two devices over short distances (approximately 10 m) and is most often attributed to headsets and hands-free cell phone car kits. With the "A2DP" specification, it is possible to transfer stereo audio signals in good quality. Your iTeufel® Magnum can operate as a receiver for such signals and also control the source in accordance with the AVRCP specification.

Almost all current cell phones are suitable as a source as well as other devices (e.g. computer), which function in accordance with the above specifications (see operating instructions).

Pairing a Bluetooth device

Before you can establish a connection, both devices must synchronise with one another – this process is referred to as pairing. The iTeufel® Magnum can save up to eight devices, pairing of additional devices will delete the first ones.

1. Prepare the source device for a Bluetooth connection (see operating instructions).
2. Push the button **22** "❋" on the iTeufel® Magnum to select Bluetooth as the source.
3. Push the button **23** "BT pairing". The notice "PAIRING" will appear on the display panel and a countdown from 90 seconds begins – this is the remaining time for the pairing process.
4. A device called "iTeufel® Magnum" should now appear on your source device. Select it.
5. You will now be asked for a password – enter "0000". The process is now complete and the name of your source device will appear on the display panel of the iTeufel®.
6. If necessary, select the iTeufel® as the audio output device on the source device (see operating instructions).
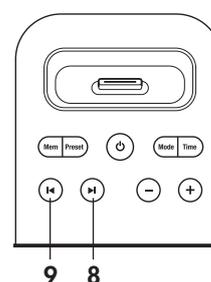
Playback

- Push the button **22** "❋" on the iTeufel® Magnum to select Bluetooth as the source.
- Depending on the source device, the following buttons on the iTeufel® Magnum can control the device:

Button	Function
30 ►❚❚	Playback, pause
8 ►❙, 24 ►►❙	Next track
9 ❙◄, 29 ❙◄◄	Restart the current track, back to the previous track

Note: The Bluetooth device can not control the volume of the iTeufel® Magnum.
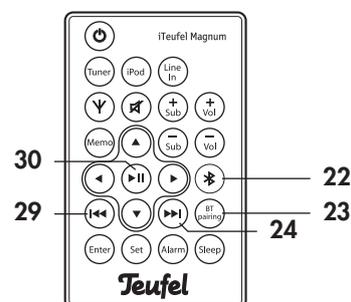
Care and cleaning

Regularly clean your iTeufel® Magnum with a soft, damp microfiber 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 without any 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 advice should help you to solve problems. If this doesn't work, the extensive FAQs on our website will surely provide you with support. Otherwise, please contact our hotline (see page 3). Take note of the warranty instructions.

Problem	Possible cause	Solution
The device doesn't work, the display is dark.	No power supply.	Make sure that the power cord is properly seated.
		Check that the socket is functioning properly by connecting 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.
Poor radio reception.	Try to improve the reception by adjusting the direction of the antenna. Adjust the station for an optimal signal.	
iPod does not play.	iPod was not inserted properly.	Check whether the iPod has been properly inserted.
	iPod malfunction.	Take the iPod out of the dock and check whether the iPod works with headphones. Consult the iPod instructions on how to reset the iPod or visit the website www.apple.com.
Remote control doesn't work.	No line of sight between the remote control and the device.	Remove any obstacles.
	Remote control not pointed properly.	Point the remote control towards the device.
	Batteries inserted in the remote control with incorrect polarity.	Insert the batteries the right way around (see diagram in the battery compartment).
	Batteries in the remote control are empty.	Insert new batteries.

Reset

Bluetooth radio interference or an improperly connected iPod may prevent your iTeufel® Magnum from operating normally. If your receiver is acting "unusually", you can restart the device:
1. If necessary, remove the iPod.
2. Press and hold the button **4** "Time" on the device for approx. two seconds.

The notice "RESET" will appear on the display panel. Now numerous parameters are reset to the default settings and your iTeufel® Magnum will function properly again.

Protecting 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 displayed symbol

Technical data

Operating voltage:	220–240 V~, 50/60 Hz
Radio reception range:	USW (87.5 MHz – 108.0 MHz)
Dimensions (W x H x D):	370 x 190 x 210 mm
Net weight:	5,1 kg

Technical changes reserved!

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

Teufel

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

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