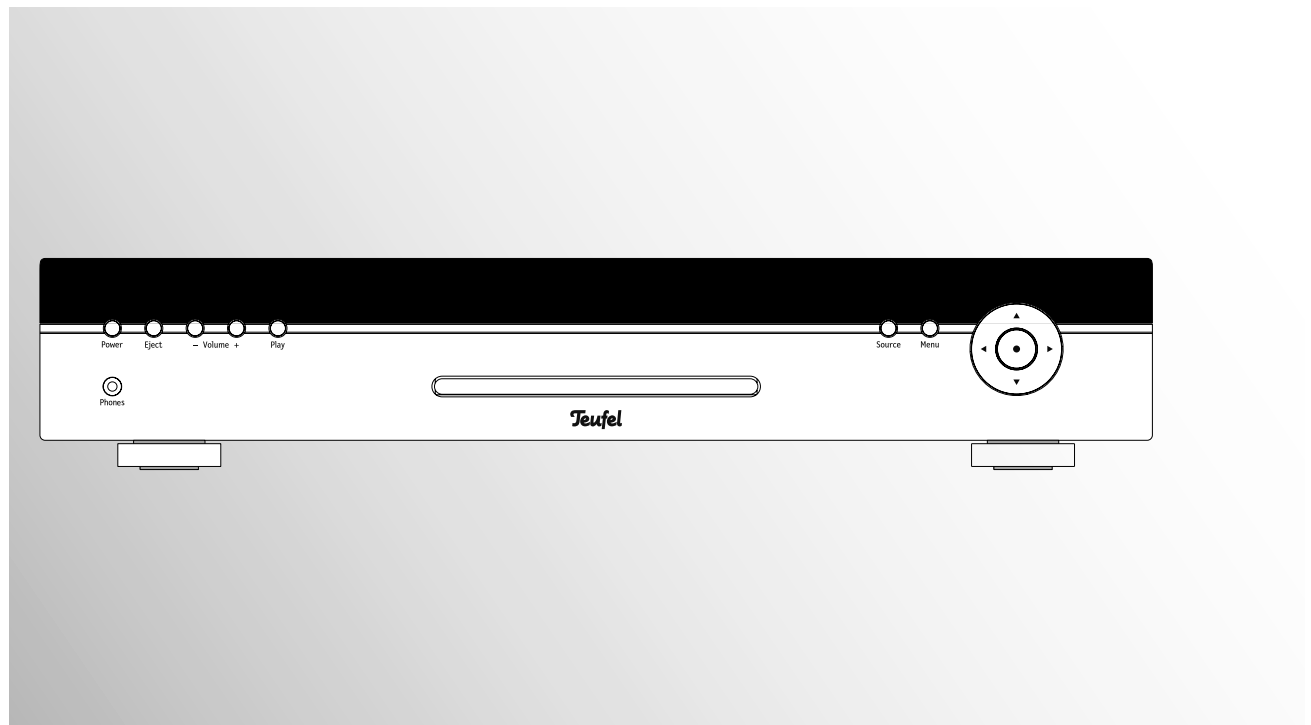


## Technical description and operating instructions



# CP 5100 DR

5.1 DVD Receiver

**Teufel**

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## General notes and information

### Notice

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Version 1.1, September 2010

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### DTS

Manufactured under licence with the US patent numbers: 5,451,942 5,956,674; 5,974,380; 5,978,762; 6,487,535 and other U.S and international patents, which have been issued and are pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and the DTS symbol are trademarks of DTS, Inc. ©1996 – 2008 DTS Inc. All rights reserved.

### 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 or batch number

Visible on the back side of the device,  
e.g. serial #: CP51009440122A-123

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)

**Tel.: 00800 - 200 300 40 (free of charge)**

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

**www.teufelaudio.com**

### 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 used 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 V–240 V ~ / 50Hz/60Hz.
  - 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 device produces smoke, a burning odour or emits unusual sounds, immediately disconnect it from the mains and discontinue use.
  - 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 power 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 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 objects 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 from the unit or take them off of the unit (e.g. control knobs or plug adapters). They could swallow the parts and choke. Never allow children to use electrical devices without supervision.
- 

---

**Danger Danger to eyes and skin!**

If the disc tray is open and the lock is disabled, an invisible laser beam or visible laser light is emitted.

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

---

**Danger Danger to hearing!**

Loud noise may lead to hearing loss.

Particularly when a subwoofer in "Stand-by/ Auto On" mode is activated by bass impulse and has been set to maximum volume, very high noise pressure may be produced. This may also have psychological consequences as well as 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 injury/damage!**

Incorrect location may result in damage.

- Never use the unit unmounted in vehicles, in instable locations, on wobbly stands or furniture, with attachment fixtures that are too small etc. The unit could topple over or fall, injuring persons or causing damage to the unit itself.
- Arrange the speakers so that they cannot be knocked over accidentally and make sure that the cables do not pose a trip hazard.
- Ensure that any wall mounting is performed in a professional manner.
- Only use suitable wall brackets for mounting. Check the carrying capacity of the walls.
- Only set up the device and the speakers on stable, level surfaces.
- Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.)

---

**Danger Danger of explosion!**

Batteries and rechargeable batteries may explode if overheated.

- Never attempt to recharge normal batteries.
  - Do not expose batteries or rechargeable batteries to heat and never throw them in open fire.
- 

---

**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.
  - If the device is subjected to warm temperatures after being cold (e.g. after transport), condensation may occur inside of it. Wait at least 2 hours before you connect and activate it.
  - Old, used batteries may leak.  
Remove the batteries from the remote control if you do not use them for a prolonged period of time.
-

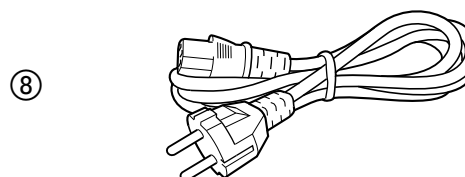
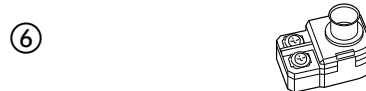
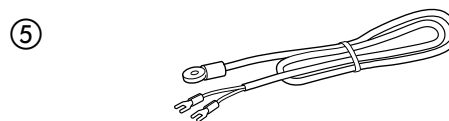
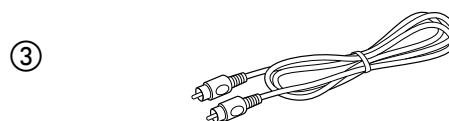
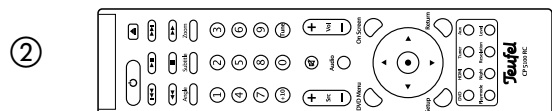
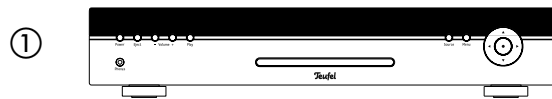
# Overview

## Product contents

- ① 1x DVD receiver
- ② 1x remote control
- ③ 1x video cord (RCA)
- ④ 1x AM antenna
- ⑤ 1x Dipole FM antenna
- ⑥ 1x antenna adapter
- ⑦ 2x micro/AAA batteries for the remote control
- ⑧ 1x mains cord

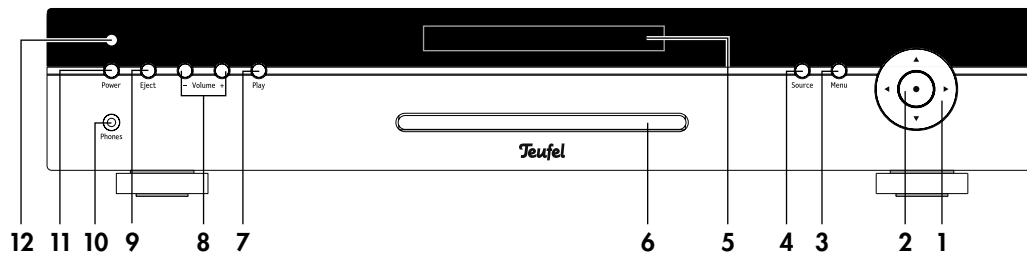
## Check to be sure

- 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).



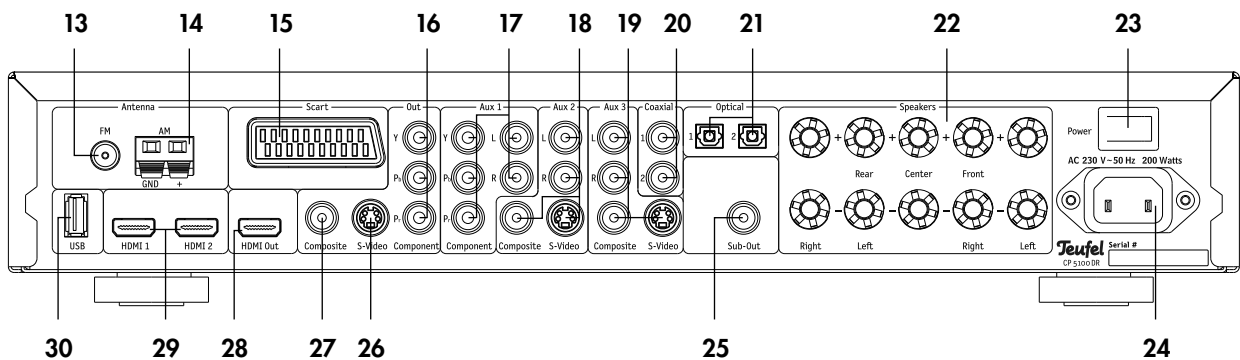
# Control elements and connections

Front side



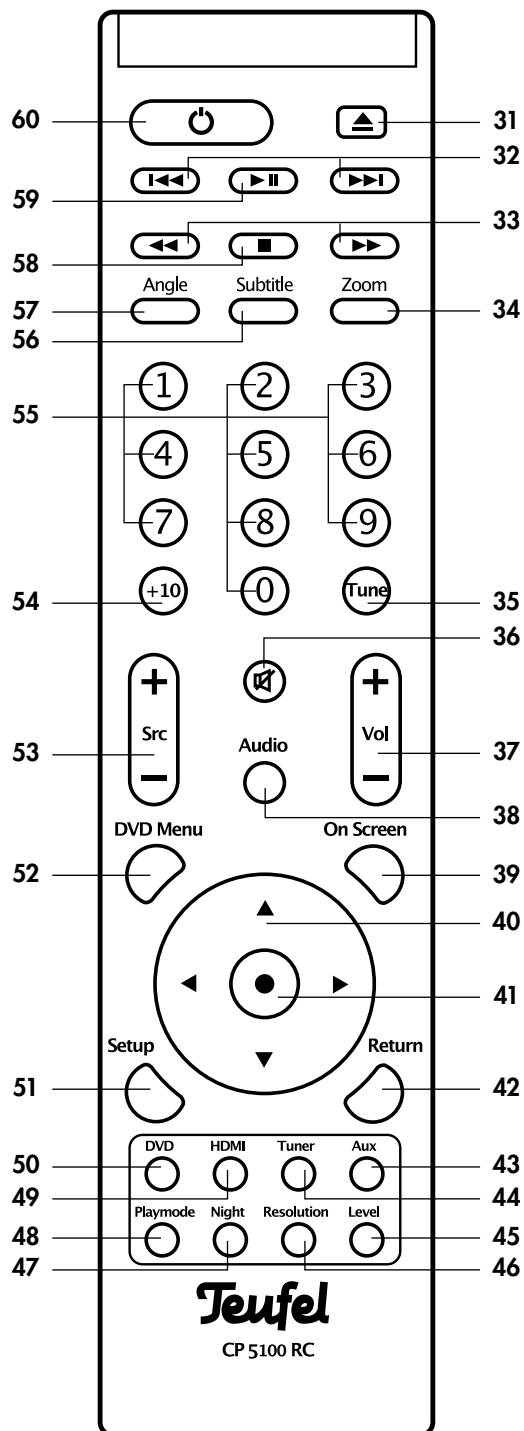
Pos	Name	Description	Pos	Name	Description
1	▲▶▼◀	Navigation buttons	8	- Volume +	Volume buttons
2	●	Select button	9	Eject	DVD eject button
3	Menu	Menu button for DVD menu	10	Phones	Earphone connection
4	Source	Source device selection	11	Power	Switching the device on or to standby
5	-	Display	12	-	Power LED
6	-	DVD compartment			
7	Play	Playback/pause			

Back side



Pos	Name	Description	Pos	Name	Description
13	FM	Antenna connection FM	21	Optical 1 + 2	Input jacks for digital audio signals via optical cables
14	AM	Antenna connection AM	22	Speakers	Speaker terminals
15	Scart	SCART output jack	23	Power	Mains switch
16	Component Out	Output jacks for TV / projector with component video	24	-	AC inlet
17	Aux 1	Input jacks for analog source device with component video and audio	25	Sub-out	Connector jack for active sub-woofer
18	Aux 2	Input jacks for analog source device with FBAS video or S-Video and audio	26	S-Video Out	Output jack for TV/projector with S-Video
19	AUX 3	Input jacks for analog source device with FBAS video or S-Video and audio	27	Composite Out	Output jack for TV/projector with FBAS video
20	Coaxial 1 + 2	Input jacks for digital audio signals via coax cable	28	HDMI Out	Output jack for TV/projector with HDMI connector
			29	HDMI 1 + 2	Input jacks for digital source devices with HDMI connector
			30	USB	Connector for USB storage device

## Remote control



Pos	Name	Description
31		Open and close the disc tray
32		Skip back/forward
33		Fast forward/rewind
34	<b>Zoom</b>	Enlarge display
35	<b>Tune</b>	Setting a station
36		Mute speakers
37	<b>+ Vol -</b>	Increasing/decreasing volume
38	<b>Audio</b>	Set surround mode and audio delay
39	<b>On Screen</b>	Displaying/hiding additional display during DVD playback
40		Navigation buttons
41		Select button
42	<b>Return</b>	Return button
43	<b>Aux</b>	Direct selection of sources Aux 1 to 3
44	<b>Tuner</b>	Direct selection of sources "FM AUTO", "FM MONO" and "AM"
45	<b>Level</b>	Adjust sound control and level of the speakers
46	<b>Resolution</b>	Adjusting resolution of the HDMI output
47	<b>Night</b>	Night mode on/off
48	<b>Playmode</b>	Repeat functions
49	<b>HDMI</b>	Direct selection of sources HDMI 1 and 2
50	<b>DVD</b>	Direct selection of DVD and USB sources
51	<b>Setup</b>	Changing settings
52	<b>DVD Menu</b>	Accessing the DVD menu
53	<b>+ Src -</b>	Changing source device
54	<b>+10</b>	Enter the tens decimal place for the station memory or music track
55	<b>1... 0</b>	Number keys
56	<b>Subtitles</b>	Changing subtitles for DVD playback
57	<b>Angle</b>	Changing angle for DVD playback
58		Stopping playback
59		Playback/pause
60		Switching the device on or to standby



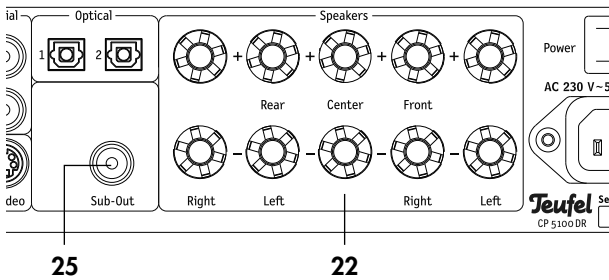
# Setup and Connecting

## 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.
- There should be approximately 10 cm of space around the device to enable adequate air circulation.

## Connecting the speakers

To connect the speakers, use high-quality, two-conductor speaker cable with a diameter of at least 1.5 mm<sup>2</sup> (AWG 15). You can order cables and banana plugs in our web-shop ([www.teufelaudio.com](http://www.teufelaudio.com)) in the "Accessories" area.



The connector terminals **22** "Speakers" for the five satellites are located on the back of the DVD receiver:

- Front – front speakers, "Left" and "Right".
- Center – middle speakers.
- Rear – rear speakers, "Left" and "Right".

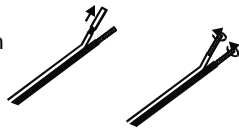
The terminals are each marked red (+) and black (-).

### ! Observe the correct polarity!

Connect the like coloured terminals with each other. Otherwise the sound quality will suffer.

The wires of the speaker cables are marked with different colours or shapes.

Split the speaker cable on both ends over a length of about 30 mm and remove approximately 10 mm of the insulation sheathing. Twist the cable to ensure that no wires protrude.

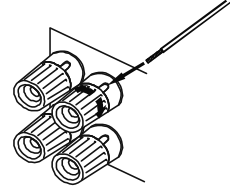


Connecting the cables to the speakers should be described in the operating instructions for the speakers.

If you use banana plugs, screw the cord into place on the plug (see instructions for the banana plug), remove

the small cap that covers top entry of terminals **22** and then push the plug into the visible jack of the connector terminal.

If you don't use any banana plugs, turn the connector terminal **22** counterclockwise to loosen it. Insert the stripped cable end into the hole that is now visible. Turn the terminal clockwise. This will clamp the cable in place.



## Subwoofer

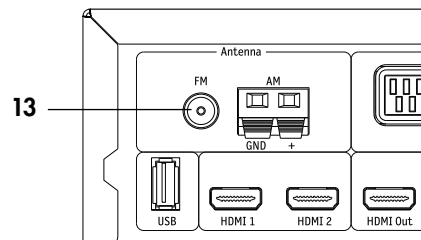
You can connect an active subwoofer to the RCA jack **25** "Sub Out". Only low frequency audio signals will be issued at this jack up to an adjustable frequency.

## Antennas

### Danger Risk associated with lightning strike!



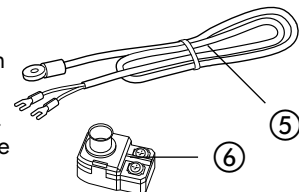
If you are using outdoor or roof antennas, be absolutely sure that the antenna has lightning protection.



### FM antenna

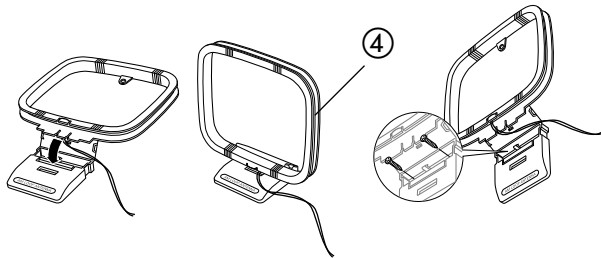
Connect the antenna for receiving FM/VHF stations to the jack **13** "FM". This can be a roof/outdoor antenna or a cable television connection. You will need a coaxial cable for this.

If an antenna connection is not available at your setup location, you can use the enclosed dipole FM antenna **5**. Unwind the throw-out aerial, screw the lugs onto the adapter **6**, push the adapter into the jack **13** "FM" and adjust the position of the throw-out aerial until you have the best reception. Then fix the antenna in place with tape or a nail.

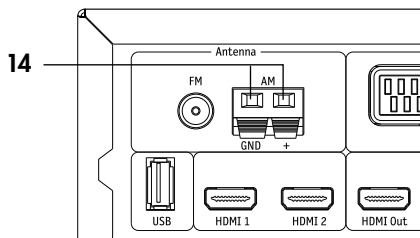


### AM antenna

The enclosed antenna ④ is designed for receiving medium wave stations (AM). You can set up this antenna to be free standing or screw it onto a cabinet or wall.

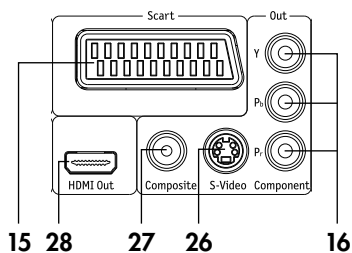


Connect the antenna cable with the jacks 14 "AM" on the back of the DVD receiver. Push down the lever on the terminal and run the cable end into the above opening. Releasing the lever will hold the cable in place.



### Television/projector

You can connect a television and/or projector to the following outputs:



### 15 SCART

Analog video signal (RGB, composite (CVBS) and S-Video) and audio signal (stereo) via a SCART cable. The SCART connection must be activated via the video menu (see "Video output", page 13).

### 16 Component

Analog component video signal (YPbPr) via a three-line RCA cable. When connecting, observe the jack colour coding (green, blue and red). This output also has to be activated via the video menu (see "Video output", page 13).

### 26 S-Video

Analog video signal (S-Video) via a mini-DIN cable (also referred to as Hosiden cable).

### 27 Composite

Analog video signal (FBAS) via an RCA cable. A video cable ③ with two yellow RCA jacks is included with the CP5100 DR, which you can use to connect a television to this jack.

### 28 HDMI Out

Digital video and sound signals via a HDMI cable.

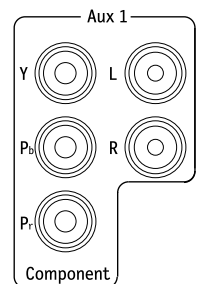
Preferably, you should use the HDMI output 28 to connect your screen as the signals of the HDMI inputs 1 and 2 are relayed to this output only. If connecting the TV via one of the other outputs, the HDMI inputs cannot be used.

### Inputs for Source devices

The CP 5100 DR offers three inputs for analog sources (Aux 1 – 3) and two digital HDMI sources. There are also two optical and two coaxial digital sound inputs available that you can freely assign to the source devices using the setup menu (see page 14).

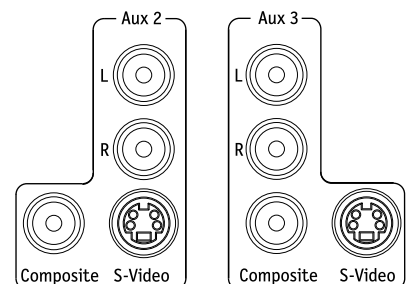
### 17 Aux 1

Here, you can connect a source with an analog component signal (YPbPr) and analog sound. For this, you will need a triple RCA cable for video (Y, Pb und Pr) and a double RCA cable for the sound (L and R).



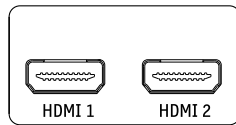
### 18 Aux 2 and 19 Aux 3

Here, you can connect a source with analog video and sound. The video signal can be transferred as FBAS (Composite) with a RCA cable or as S-Video with a mini DIN cable. You will need a double RCA cable for the audio signal (L and R).



### 29 HDMI 1 and 2

You can connect a source with a digital audio and video signal to each socket. For this, you will need a HDMI cable.



#### ! Please note

You can only use these HDMI inputs if the playback device (TV or projector) is also connected via HDMI.

### 20 Coaxial 1 + 2

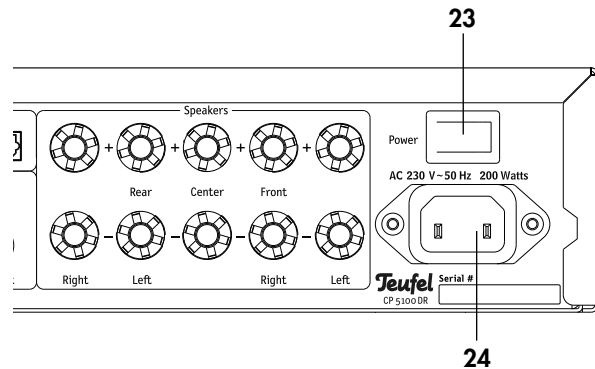
You can connect the coaxial digital audio outputs of two sources here. For this, you will need a coaxial cable with RCA plugs for each output. In the menu, you can assign a digital audio input to each video source (see page 14).

### 21 Optical 1 + 2

You can connect the optical digital sound outputs of two sources here. You will need an optical cable with a Toslink connector. Your source requires either an optical 3.5 mm plug or a Toslink connector as well. In the menu, you can assign the digital audio connector input to the various video sources (see page 14).

## Connecting to a power supply

- Make sure that the mains switch **23** "Power" on the back of the device is turned off ("OFF" position).
- Connect the mains connector jack **24** to a mains socket with the mains cord **(8)**.

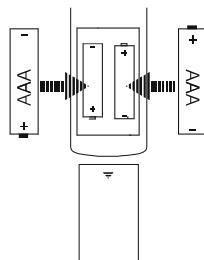


## Remote control

To use the remote control you will need two batteries, type micro and/or AAA with 1.5 volts (included in the package).

### Inserting batteries

- Push the battery compartment cover on the back of the remote control towards the arrow and remove it.
- If necessary, remove the old batteries (please follow the notes on page 26).
- Insert the batteries in the battery compartment as shown in the figure.
- Put the cover back on the compartment and push it into place.



### Functionality

The remote control transmits infrared control signals. For proper functioning, you have to point the front of the remote control towards the DVD receiver. Make sure there are no obstacles blocking the infrared signal.

Fluorescent and energy saving lamps installed in the direct vicinity may impair the functions of the remote control or even prevent its functioning.

## Basic functions

### Activating and deactivating

- With the mains switch **23** "Power" on the back of the device you can turn your DVD receiver on and off. Once you have turned it on, the device is in standby mode.
- With the button **11** "Power" or **60** "⏻", you can switch your DVD receiver to operational and/or standby mode. The power LED **12** is blue when the device is turned on until the display **5** is operational.

### Selecting a source

Once you have turned on the device, the last source selected is activated.

- With the button **4** "Source" and/or **53** "Source +/-", you can switch sources in this order: DISC (DVD/CD and USB), FM AUTO (radio VHF stereo), FM MONO, AM (radio MW), Aux 1, Aux 2, Aux 3, HDMI 1, HDMI 2.
- Or you can switch the source with the direct select buttons:
  - 43** "Aux" – Aux 1, Aux 2, Aux 3
  - 44** "Tuner" – FM AUTO, FM MONO, AM
  - 49** "HDMI" – HDMI 1, HDMI 2
  - 50** "DVD" – DISC and/or USB

The selected source is shown on the display **5**.

### Adjusting the volume

With the menu function "Power-on Vol", you can set the volume when turning on the device (see page 15).

- Increasing the volume: Press the button **8** "Volume +" and/or button **37** "Vol +".
- Reducing the volume: Press the button **8** "Volume -" and/or button **37** "Vol -".

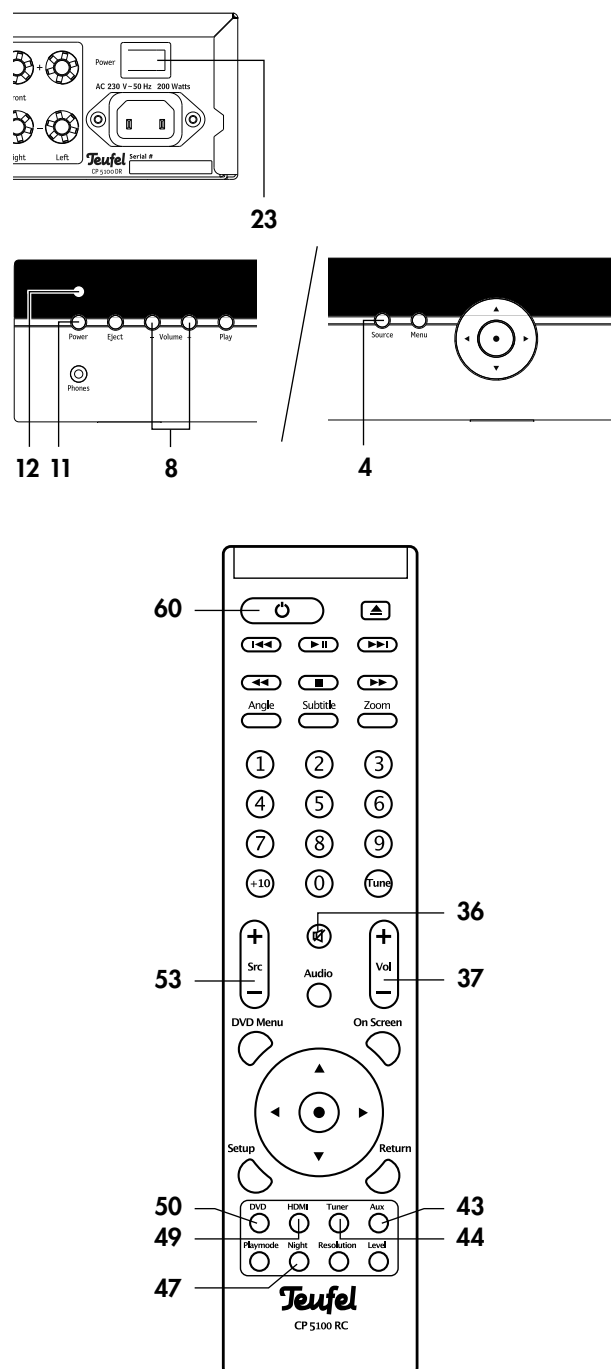
The selected volume is shown on the display **5** and on the screen from 0 (mute) to 50 (loud).

### Mute

- With the button **36** "Mute", you can turn off the sound. The message "MUTE ON" will appear on the display **5**.
- Turning the sound back on: Press the button **36** "Mute" again or change the volume.

### Night mode

In night mode, the DVD receiver reduces the volume, particularly the volume of the subwoofer. By pushing the button **47** "Night" you can activate or deactivate night mode. The message "Night on" and/or "Night off" will briefly appear on the display **5** and the television.



## Menu functions

With the menu, you can set most functions of your CP 5100 DR. You control the menu with the remote control; the menu itself is shown on the connected TV screen.



### Important

The menu functions are only available if "DISC" is selected as source.

Both devices must be turned on and the CP 5100 DR picture must be visible on the television.

- Press the button **50** "DVD" to select "DISC" as the source.
- Press the button **51** "Setup". The main menu will appear on the screen.
- Select the desired submenu with the navigation buttons **40** "▲▼" and press the select button **41** "●" or the navigation button **40** "▶". A submenu will appear. You can open other submenus in this way and change settings.
- Press the navigation button **40** "◀" to return to the previous menu.
- You can exit at any time by pressing the button **51** "Setup".

If the menu appears in German ("Beenden" instead of "Exit"), change the language to English:

- Select the item "System" with the navigation buttons **40** "▲▼" and press the select button **41** "●" or the navigation button **40** "▶".
- Press the select button **41** "●" or the navigation button **40** "▶" to access the "Sprache" submenu.
- Press the select button **41** "●" or the navigation button **40** "▶" again to access the submenu "OSD-Menü".
- Select the item "Englisch" with the navigation buttons **40** "▲▼" and press the select button **41** "●". The menu will change to English.
- Press the navigation button **40** "◀" until only the main menu is visible.

## Menu "Video"

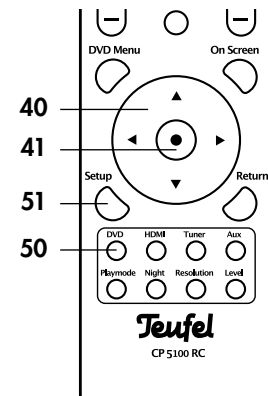
### "Aspect Ratio"

Adjusting the display on the television:

**4:3 Pan Scan** – 16:9 movies are shown with the full height on a 4:3 TV-set, but the sides are cropped.

**4:3 Letterbox** – 16:9 movies are shown with full width on a 4:3 TV set with black bars on the top and bottom.

**16:9 Wide** – Correct setting for 16:9 TV-sets.



### "TV Format"

Adjusting the transmission encoding system for the connected television:

**NTSC** – American standard

**PAL** – European standard

If in doubt, consult the operating instructions of your television.

### "HD-Resolution"

Setting the resolution for HD playback. Possible values: **480p/576p, 720p, 1080i, 1080p**

You can also adjust these settings with the special function button "Resolution" (see "Special function buttons" on page 16).

### "Video Output"

Activating the analog video output:

**SCART** – Connection to the jack **15** "SCART" in standard resolution via a SCART cable.

**Component I** – Connection to the component output **16** "Component" with normal resolution (interlaced component).

**Component P** – Connection to the component output **16** "Component" with higher resolution (progressive component).

If in doubt, consult the operating instructions of your television.

The outputs **26** "S-Video", **27** "Composite" and **28** "HDMI" are always active.

### "Lip Sync"

Digital image-processing in the TV-set requires a certain amount of time. To keep the image and sound in sync, televisions delay the sound by a few milliseconds. To ensure that the sound of your DVD receiver is also in sync, you can set the receiver's audio delay from 0 to 250 ms here. For this, move the marker on the scale using the navigation buttons **40** "▲▼" and change the value using the select button **41** "●". You can also change this setting with the button **38** "Audio" (see page 16).

## Menu "Audio"

If you are using a Teufel speaker set, you can use the recommended values for some settings. For more information, see "Teufel Presets" in this section.

### "Speaker Setup"

Set the speaker types. Smaller speakers may not be able to handle low tones well and tend to distort the audio signal; if no centre speaker is present, the voices of the actors will be missing in movies; if no rear speakers are present, surround sound effects will be missing. If set properly, the CP 5100 DR is able to make optimal use of the existing speakers:

**Front** – Size of the speakers to the left and right of the screen: Small (small, compact boxes), Large (full-volume speakers, upright boxes).

**Center** – Size of the middle speaker: Small, Large, Off – with Dolby® Virtual Speaker (DVS), the mid-channel is distributed to the left and right speakers.

**Rear** – Size of the rear speaker: Small, Large, Off – surround sound is simulated using the existing speakers with DVS.

**Surround** – Size of the rear speaker: Small, Large, Off – surround sound is simulated using the existing speakers with DVS.

**Subwoofer** – On or Off – If no subwoofer is connected, the lowest tones will be emitted as best as possible via the existing speakers.

**Crossover** – Sounds are emitted via the subwoofer up to the frequency set here. The cut-off-frequency can be set in the range 40 to 200 Hz. Move the marker on the scale with the navigation buttons 40 "▲▼" and change the value with the select button 41 "●".

### "AV Mapping"

Assigning audio inputs to the video inputs: You want to connect your PC via HDMI, but your sound card has an optical audio output? Your DVD-changer has a component output for video and a coax audio connection? Your DVD receiver can handle this: Select the desired video input and set the desired audio input for this.

Video	Speaker Setup	HDMI 1	▶ HDMI 1
Audio	AV Mapping	HDMI 2	Aux 1
System	Distance	Aux 1	Aux 2
Exit	Level	Aux 2	Aux 3
	Equalizer	Aux 3	Coax 1
	Teufel Preset1		Coax 2
	Teufel Preset2		Opt 1
			Opt 2

### "Distance"

If the speakers are located at different distances to the listening position, surround sound will suffer. To compensate for these run time differences, set the distances from the listening position to each speaker from 0 to 10 metres. You can move the marker on the scale with the navigation buttons 40 "▲▼" and change the value with the select button 41 "●".

### "Level"

Volume adjustment and sound test. Here, you can increase or reduce the relative volume for each speaker.

Video	Speaker Setup	Front Left	+ 10
Audio	AV Mapping	Center	+ 8
System	Distance	Front Right	+ 6
Exit	Level	Rear Right	+ 4
	Equalizer	Rear Left	+ 2
	Teufel Preset1	Subwoofer	0
	Teufel Preset2	Test Tone	- 2
			- 4
			- 6
			- 8
			- 10

Select the desired speaker and move the marker on the scale with the navigation buttons 40 "▲▼" in the positive (loud) or negative (soft) range. Apply the value by pressing the select button 41 "●".

You can also change this setting with the special function button "Level" (see "Special function buttons" on page 16).

With the option "Test Tone", a noise signal will be emitted from each speaker for approximately 2 seconds that allows you to verify the settings. The test will end as soon as you exit the submenu.

### "Equalizer"

Adjusting the sound in three frequency ranges: Select the desired frequency range (treble, mid, bass) and move the marker on the scale to the positive (up) or negative (down) range using the navigation buttons 40 "▲▼". You can apply the value by pressing the select button 41 "●".

### "Teufel Preset 1 + 2"

Presets for current Teufel speakers. Here you can automatically set the recommended values for some Teufel speaker sets (e. g. speaker size and crossover frequency). Select your speaker set and apply the values by selecting "OK".

## Menu "System"

### "Language"

Set the language for menus, subtitles and playback.

**OSD Menu** – Language for the menu functions (German or English).

**Disc Menu** – Language for the DVD menus. Multiple languages are available, provided they are supported by the DVD.

**Audio** – Language for DVD playback. Multiple languages are available, provided they are supported by the DVD.

**Subtitle** – Language for the subtitles for DVD playback. Multiple languages are available, provided they are supported by the DVD. The setting "Off" deactivates subtitles.

### "Parential"

Child lock for DVD playback. Some DVDs are labelled for certain age groups and will be locked depending on this setting. Unfortunately, many DVDs are not protected accordingly; personal copies and DivX movies usually do not have this protection scheme.

**Lock Sys.** – This protects the DVD/CD. For this, the four-digit password (default setting "0000") must be entered via the number pad on the remote control and confirmed with the select button **41** "●". If the password is entered incorrectly, the password prompt will appear again.

**Unlock Sys.** – This deactivates the protection. The password must be entered.

**Rating** – Adjusting the protection level. There are eight levels available. They correspond to the recommendations of the MPAA (Motion Picture Association of America) for the rating of movies:

**2** – Intermediate rating

**3 – PG** (Parental Guidance), young children should be accompanied by a parent.

**4 – PG 13** (Parental Guidance 13), children under 13 years of age should be accompanied by a parent.

**5** – Intermediate rating

**6 – PG-R** (Parents Guidance - Restricted), under 17 years of age only when accompanied by a parent.

**7 – NC-17** (No Children 17 and under admitted), viewing only for ages 18 and up.

**8 – Adult**, only for adults.

**No Limit** – No restriction, check deactivated.

After selecting the level the four-digit password (default setting "0000") must be entered via the number pad on the remote control and confirmed with the select button **41** "●". If the password is entered incorrectly, the password prompt will appear again.

### "Set PWD"

Changing the password: The old password must first be entered, then the new password must be entered twice. Then press the select button **41** "●". If the old password was entered incorrectly or the two entries of the new password are different, the password will be queried again. Make sure to remember the new password! If necessary, you can reset the DVD receiver to the factory default settings (see "SW version" below).

### "Dimmer"

Setting the brightness of the display **5**:  
3 (bright), 2, 1 (dark), Off

### "Power-on Vol"

Set the volume after activation:  
Last (last set volume), 20, 40

### "SW version"

You can see the version of the installed software (also known as "Firmware") in the upper field. Firmware updating is possible (see page 25).

**Reset** – This resets the device to the factory default settings.



#### Important

All menu settings are lost when performing reset!

---

## Menu "Exit"

You exit the menu when you select this menu item and the source "DISC" becomes active again.

## Special function buttons

### Button "Audio"

With the button **38** "Audio", you can set the ambient sound or the surround mode and the audio delay.

#### Setting ambient sound

Pushing the button **38** "Audio" briefly switches to the respectively possible modes:

If only two speakers (front left and right) are active, you switch the Dolby® Virtual Speaker (DVS) each time you push the button:

- "DVS REF" Normal DVS ambient sound.
- "DVS WIDE" Extended DVS ambient sound.
- "DVS OFF" Deactivate DVS.

If all speakers are active, two ProLogic and two stereo settings are available for all dual-channel sources:

- "PLII Movie" Dolby® ProLogic II for movies.
- "PLII MUSIC" Dolby® ProLogic II for music.
- "STEREO 5" Stereo playback on all speakers.
- "STEREO 2" Stereo playback only on the front speakers left and right and the subwoofer.

The surround mode is preset when Dolby Digital or DTS coded multi-channel tracks are played back; as a result, this function is blocked.

#### Setting audio delay

By pushing the button **38** "Audio" for more than two seconds, you can set the value of the audio delay (see menu function "Lip Sync" on page 13):

- The current value in milliseconds (ms) is shown in the display panel and on the screen.
- With the volume buttons **37** "Volume +/-", you can now set the audio delay within the range from 0 to 240 ms.

The device deactivates the function after three seconds of button inactivity.

### Button "Level"

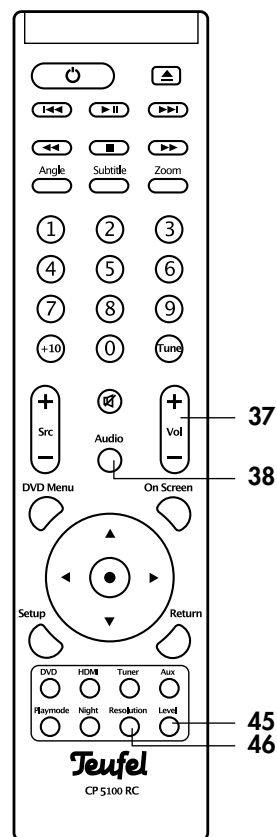
You can set the sound with the button **45** "Level" and adjust the volume of the speakers.

#### Adjusting the sound

By briefly pushing the button **45** "Level", you access the three ranges for the sound control in sequence:

- Bass** low tones (bass tones)
- Treble** high tones
- Middle** medium-range tones (language)

With the volume buttons **37** "Volume +/-" you can now set the selected range from "-10" (decrease) to "+10" (increase). After three seconds of button inactivity, the device switches off the function.



#### Volume adjustment.

You can increase or decrease the relative volume for each speaker. First push and hold the button **45** "Level" for more than two seconds until the first speaker channel is displayed in the display panel and on the top left of the screen (see below). Tip the button **45** "Level" to select the desired speaker now:

- FRONT L** – Front left
- CENTER** – Center
- FRONT R** – Front right
- REAR L** – Rear left
- REAR R** – Rear right
- SUB** – Subwoofer

With the volume buttons **37** "Volume +/-" you can now set the volume within the range from "-10" to "+10". After three seconds of button inactivity, the device deactivates the function.

#### Button "Resolution"

By tipping the button **46** "Resolution" you can set the resolution of the television set for HD playback. Possible values:

HDMI 576P, HDMI 720P, HDMI 1080I, HDMI 1080P.



## DVD/CD mode

### Compatible DVDs/CDs

- Only use commercially-available DVDs/CDs that are labeled with the symbols shown at the right.
- DVDs/CDs with files in the following formats can be played: CD Audio, VCD, SVCD, DVD Video, DivX, Mpeg4, MP3, AAC and JPEG.
- Standard DVDs/CDs with a diameter of 80 and 120 mm can be used.
- It is also generally possible to use recordable DVD/CD. However, there may be problems due to too high burning speed or insufficient quality of the recordable disc. Unfortunately, the only way to find out is by trying.
- CDs that were produced for commercial use might not always play.



### Handling DVDs/CDs

Every DVD/CD is covered by a resistant plastic layer that protects it against outside influences. However, you still have to protect the discs from dirt and scratches. Your DVD receiver can correct minor damages of the DVD/CD. Larger scratches or other damages may cause it to "freeze" or similar errors may result. Please also follow the guidelines on the CD case for the proper handling of DVDs/CDs!

### Inserting a DVD/CD

#### Attention Risk of damage!



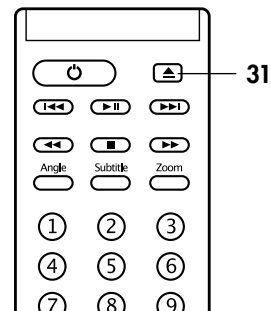
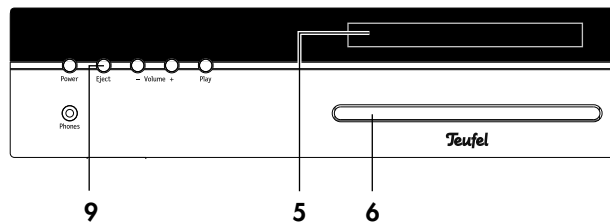
Do not in any case insert multiple DVDs/CDs on top of one another. Do not insert anything other than DVDs/CDs.

- Press the button **9** "Eject" and/or **31** "⏏". The DVD tray will be ejected and the source will change to "DISC" at the same time.
- Carefully place the DVD/CD with the printed side up in the tray recess.
- Press the button **9** "Eject" and/or **31** "⏏". The DVD tray will close and the CD will be read. The message "READING" will appear on the display and on the screen. Some DVDs may start to play automatically after a few seconds.

The CD and USB playback functions are identical and are described in the section "Playback functions" on page 20.

### Ejecting a DVD/CD

- Stop playback by pressing the button **9** "Eject" and/or **31** "⏏". The DVD tray will eject to the front.
- Take the DVD/CD out of the tray.
- Press the button **9** "Eject" and/or **31** "⏏". The CD tray will close.



## Radio playback

Select one of the three radio broadcast bands (see page 12):

**FM AUTO** – Reception of stereo stations from 87.5 to 108 MHz, RDS mode possible.

**FM MONO** – Reception of weak stations in mono, RDS mode possible with limitations.

**AM** – Reception of mono stations from 522 to 1,629 kHz.

### Setting the radio stations

Direct entry of the tuning frequency:

- Briefly push the button **35** "Tune".
- Enter the frequency without any decimal or comma using the number buttons **55** "1 ... 0".
- Push the selection button **42** "●".

### Station scan:

You can change the receiving frequency with the buttons **33** "◀▶":

- **Automatically:** Pressing the button will start the station scan in the desired direction, which will continue until a station with sufficient broadcasting power is received.
- **Manually:** The frequency is gradually increased and/or decreased every time you tip the button (FM: 0.05 MHz step, AM: 9 kHz step).

The set tuning frequency is shown in the display **5**. If the station is received in stereo, the message "STEREO" will also appear. If the station broadcasts an RDS signal, then the message "R•D•S" will appear and the name of the station will replace the frequency display after a short time.

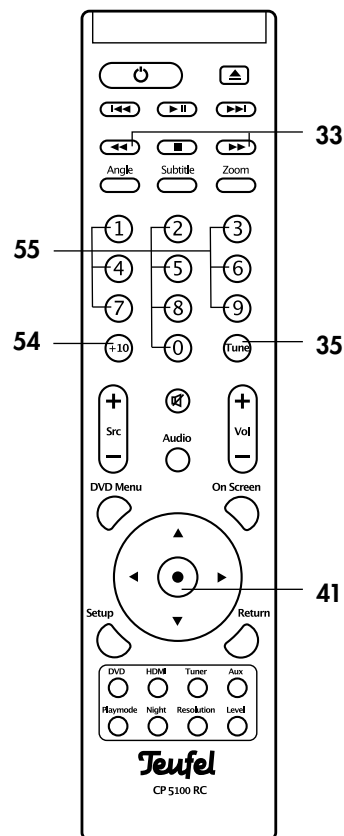
### Station memory

Your radio can save up to 30 stations for each of the two radio bands (FM and AM). You can select the saved stations conveniently with the push of a button.

#### Presetting stations

- Tune in the desired station as described above.
- Press the select button **42** "●". The display now shows an available memory slot by a blinking number, e. g. "P01".
- You can select the desired memory slot with the number pad **55** "1...0". You can change the tens decimal place with the button **54** "+10".
- Press the select button **42** "●" again. The message "SAVE OKAY" will appear briefly in the display.

The station has now been saved. If there is no button activity for five seconds, the device will switch back to normal mode.



#### Saving stations automatically

Push the button **35** "Tune" for approx. six seconds until the message "APS Start" appears in the display panel. The radio is now searching for stations with adequate reception and automatically saves them. Previously saved stations are deleted in the process.

After the search ends, the station is saved to the memory slot 01.

#### Tuning in stations from the memory

You can directly choose stored stations by using the number pad **55**. With the button **54** "+10" you can access the memory slots with two-digit numbers.

## USB mode

Your new DVD receiver can read USB memory sticks (USB 1.0 / 2.0 up to 2 gigabytes) and playback any stored MP3 files or JPEG files.

USB stands for “universal serial bus”. Every modern computer has a USB interface for connecting a keyboard and mouse. The USB memory stick was originally developed to replace computer disks and make data transfer more easy. Meanwhile, these convenient sticks are also used for digital cameras and music playback devices.

### Handling mobile storage devices

USB sticks are sensitive electronic devices and must therefore be handled with care. If you are not using your storage device, be absolutely sure to store it in a protective sleeve or put its cap on.



### Important

Do not use any storage devices that exhibit mechanical **damages** or which have been immersed in a liquid. Do not subject storage devices to direct **sunlight**. Improper handling may result in **data loss**! If possible, make backup copies of your music on your PC.

### Inserting the USB stick and playback

- Press the button **9** “Eject” and/or **31** “”. The DVD tray will be ejected and the source will change to “DISC” at the same time.
- If necessary, take the DVD/CD out of the tray. Place the DVD/CD back in its jewel case.
- Insert the USB stick in the jack **30** “USB”. The stick will only fit in one position.
- Press the button **9** “Eject” and/or **31** “”. The DVD tray will close and the USB stick will be read. The messages “READING” and “NO DISC” will appear in the display and on the screen.
- The file browser will appear on the screen shortly afterwards (see “File selection” in the next section).

The playback functions for CD and USB are identical and are described in the section “Playback functions” on page 20.

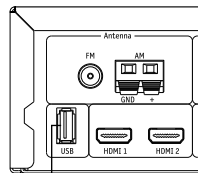
### Removing a USB stick

#### Attention Risk of damage!

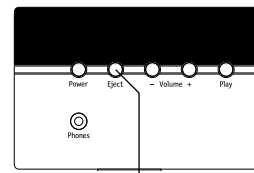


Never remove the USB stick when the DVD receiver is still accessing it!

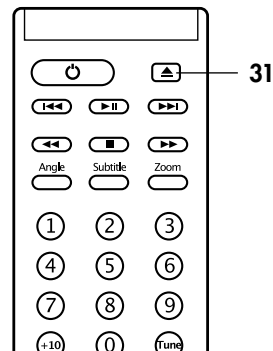
- Press the button **9** “Eject” and/or **31** “”. The playback will stop and the DVD tray will eject to the front.
- Take the USB stick out of the jack **30** “USB”.
- Press the button **9** “Eject” and/or **31** “”. The CD tray will close.



30



9



31

## Playback functions

### General playback information

- Pausing playback: Press the button **7** "Play" and/or **59** "▶/||".
- Continuing playback: Press the button **7** "PLAY" and/or **59** "▶/||" again.
- Playing the next track: Tip the button **32** "▶▶".
- Playing the previous track: Tip the button **32** "◀◀".
- Playing the track in fast forward (only for DVD or music playback): Tip the button **33** "◀◀" or "▶▶". Every time you tip the button, the playback speed will increase: 2x, 4x, 8x, 16x, 32x. The playback occurs without sound; you will see the elapsed track time in the display. To continue normal playback, press the select button **41** "●".
- Stop playback: Press the button **58** "■".

### DVD playback

- "Instant Skip" – Skipping 10 seconds ahead: Tip the navigation button **40** "▶".
- "Instant Replay" – Skipping 10 seconds back: Tip the navigation button **40** "◀".
- Accessing the DVD menu: Press the button **52** "DVD menu".
- Changing the angle of view (if different angles of view have been saved on the DVD): Tip the button **57** "Angle".
- Changing or deactivating subtitles (if subtitles are supported by the DVD): Tip the button **56** "Subtitle".
- Enlarging the display: Tip the button **34** "Zoom" – The display will be enlarged by 2, 3, 4 and 5 times in sequence. Move the window with the navigation buttons **40** "▲▼◀▶".

### On screen display for DVD playback

With the button **39** "On Screen" you can open and hide an extra display (only for DVD playback):

Time	Chapter	Angle	Audio	Subtitle	Zoom
00:08:31	01/11	Off	ENG5.1	Off	x1

You can switch through the fields with the horizontal navigation buttons **40** "◀ ▶" and then use the vertical navigation buttons **40** "▲▼" to adjust the values:

**Time** – Elapsed playtime.

**Chapter** – Number of the current chapter and total number of chapters. You can skip to a specific chapter.

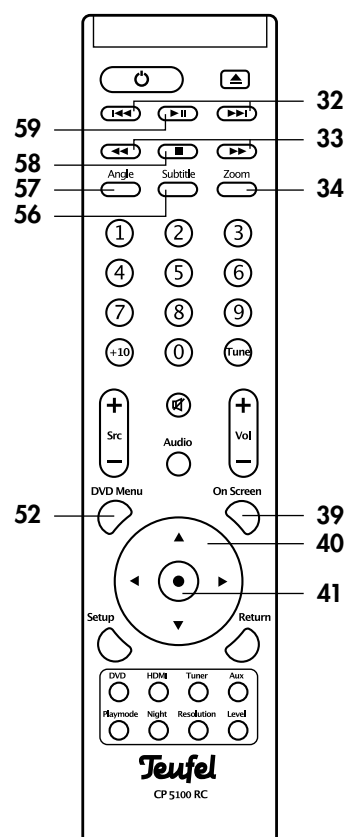
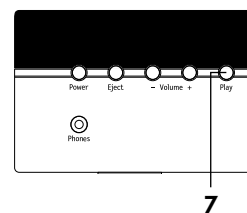
**Angle** – Changing the angle of view (if different angles of view have been saved on the DVD).

**Audio** – Changing the audio playback language (if the DVD has multiple audio tracks).

**Subtitle** – Changing or deactivating subtitles (if the DVD supports subtitles).

**Zoom** – Enlarging the display by 2, 3, 4 and 5 times

The device will deactivate the on screen display if there is no button activity for about 10 seconds.



## Selecting files

The content of DVDs, CDs and USB sticks with media files is displayed on the screen in a simple browser.

The right area will always show the content of the current folder (also known as the directory). You will see two folders and two photo files in this sample screenshot. Only such files are shown that can be played on the DVD receiver.

The left area shows the content of the parent folder – in this case, just "ROOT" – which stands for the highest level directory on the DVD/CD or USB stick.

You can select a file or folder with the navigation buttons **40** "▲▼". The current selection is highlighted (e. g. the "ROOT" folder on the right side). You can open or access the selected file with the select button **41** "●".

Alternatively, you can also use the number pad **55** "1...0" and the tens button **54** "+10" to enter the number shown to the right of the desired file.

Example:

Let's open the "2. FOLDER":

Now the currently selected folder is highlighted in white on the left side ("2. FOLDER") and its content is shown on the right side.

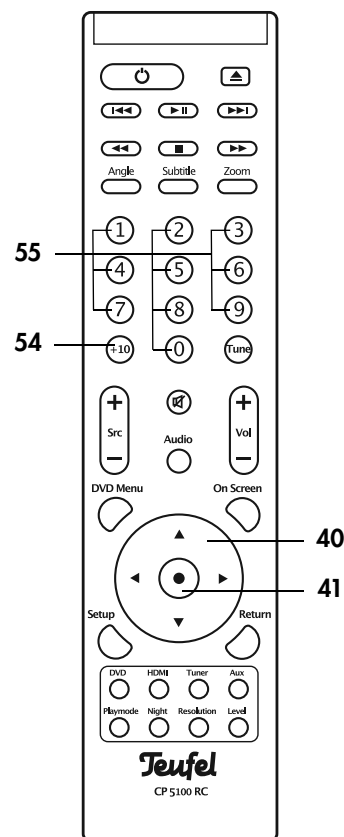
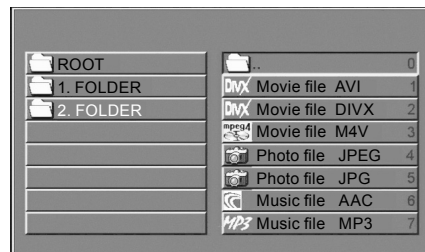
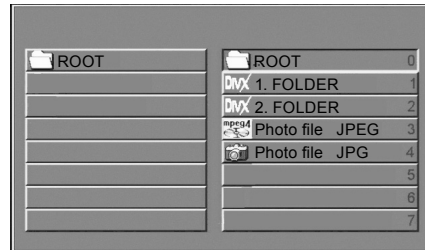
The highest level folder, whose name is just shown with two dots, leads you one folder back. Please also note the different symbols for movie, photo and music files shown at the other sample files.

## MP3/DivX playback

- Playing the next track: Tip the navigation button **41** "▶".
- Playing the previous track: Tip the navigation button **40** "◀".

## Photo playback

- Displaying the next photo: Tip the navigation button **40** "▶".
- Displaying the previous photo: Tip the navigation button **40** "◀".
- Rotating/flipping the photo: Tip the navigation buttons **40** "▲▼".



## Repeat function

By pressing the button **48** "Playmode" you can select various repeat functions; the activated function is shown in the display:

### Audio CD

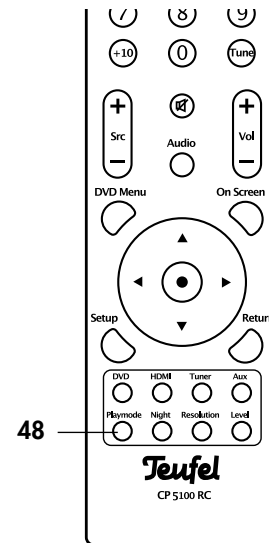
- **Single Repeat On** – Repeat the current track.
- **Repeat All** – Play through all tracks and start again from the beginning.
- **Repeat Off** – Repeat function off, normal playback.

### DVD

- **Chapter Repeat On** – Repeat the current chapter.
- **Title Repeat On** – Repeat the current title.
- **Repeat Off** – Repeat function off, normal playback.


### Movies (DivX, Mpeg4) and music (MP3, AAC)

- **Single Repeat On** – Repeat the current file.
- **Folder Repeat On** – Repeat all files in the current folder.
- **Disc Repeat On** – Play through all files and start from the beginning.
- **Repeat Off** – Repeat function off, normal playback.



## 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.

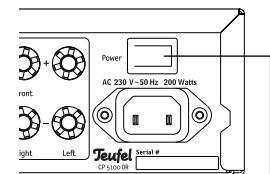
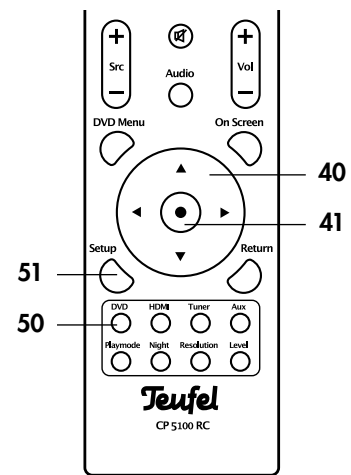
Problem	Possible cause	Solution
The device doesn't work, the display is dark.	No power supply.	Make sure that the mains plug is securely inserted.
		Use another device to check that the socket is functioning.
No CD/DVD playback	No CD/DVD inserted.	Insert a CD/DVD.
	CD/DVD inserted upside down.	Insert the CD/DVD with the printed side up.
	The region code of the DVD does not match the device.	Insert a DVD with a matching region code.
	Wrong type of CD/DVD.	Insert the right type of CD/DVD.
	CD/DVD damaged or dirty.	Clean or change the CD/DVD.
	Condensation in the device.	Take out the CD/DVD and let the device stand for one to two hours while activated.
No image	Television is not on.	Turn on the television.
	Wrong television AV input selected.	Select the right television AV input (e. g. HDMI 1).
	DVD receiver set to the wrong video output or to the wrong HDMI resolution.	Check the settings and change if necessary (see page 13 "Video output" and "HD resolution"). To see the display, create a video connection to the television via <b>27</b> composite if necessary (see page 10).
	Connector cable not wired properly or sits loose.	Correct the cable connections.
	Connector cable damaged.	Replace the connector cable.
	CD/DVD dirty.	Clean the CD/DVD.
Display fuzzy/distorted.	CD/DVD damaged or dirty.	Clean or change the CD/DVD.
	Television or device has the wrong colour standard (PAL/NTSC) setting.	Change the colour standard (PAL/NTSC) setting. PAL is the correct standard in Western Europe (except for France).
	Disturbance by interconnected devices, e. g. video recorders.	Directly connect the devices.
	The DVD receiver has an incorrect display format setting.	Change the display format to the correct setting (see page 13).
"NO DISC" in the display.	CD/DVD damaged, dirty, incompatible or inserted the wrong way around.	Clean or change the CD/DVD.
Skipping to the next track and/or chapter is not working properly.	Some DVDs do not support the skip function, for example when playing warnings at the beginning of the DVD.	Continue playback.
	The DVD only has one chapter.	Alternative: Fast forward.
No audio or not all audio channels can be heard.	Speakers wired incorrectly.	Check and correct the wiring.
	The AV assignment is incorrect.	Correct the AV assignment (see page 14).
	Wrong DVD audio track selected.	Press the button <b>39</b> "On-Screen" and select another audio language.
	The DVD receiver is set to mute ("MUTE").	Press button <b>36</b>  to deactivate the mute function.
	The speaker is deactivated.	Activate the speaker (see "Speaker config" on page 14).
	Playback speed has been increased or reduced.	Switch to normal playback by pressing the PLAY button.

Problem	Possible cause	Solution
No or distorted music playback.	The files on the data storage device are not in MP3 or AAC format.	Delete files with the wrong format.
	File damaged.	Delete or skip the file.
Remote control is not working.	No line of sight between the remote control and the device.	Remove any obstacles.
	The remote control is not pointed properly.	Point the remote control at the device.
	Batteries inserted in the remote control with wrong polarity.	Insert the batteries the right way around (see diagram on the battery compartment).
	Batteries in the remote control are empty.	Insert new batteries.

There are numerous parameters in the menu functions, which may impair or even prevent normal operation. If your DVD receiver is behaving "unusually", you can reset the device to the factory settings. This resets parameters such as speaker size or level to the default values.

To reset all parameters to the factory setting:

1. Press the button **50** "DVD" to select "DISC" as source.
2. Press the button **51** "Setup". The main menu is shown on the screen.
3. Select the submenu "System" with the navigation buttons **40** "▲▼" and press the select button **41** "●". The submenu will open.
4. Select the item "SW Version" with the navigation buttons **40** "▲▼" and press the select button **41** "●". The submenu will open.
5. Select the item "Reset" with the navigation buttons **40** "▲▼" and press the select button **41** "●". The display will flicker briefly.
6. Turn off the device with the power switch **23** "Power" on the back.
7. Wait approximately 10 seconds before turning the device back on.



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## Software update

The CP 5100 DR's software is being developed continually. You can download subsequent versions from our website [www.teufelaudio.com/support/](http://www.teufelaudio.com/support/) and install them as follows:

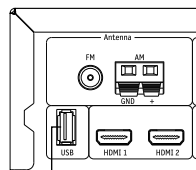
You will need a USB stick with a maximum capacity of 2 GB.

### Attention Risk of damage!

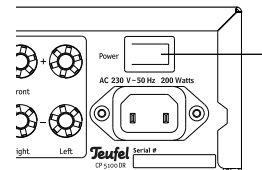


The DVD receiver must not be deactivated when carrying out the following steps.

1. Unpack the downloaded file and save it to the USB stick.
2. If there is a DVD/CD in the drive, remove it.
3. Insert the USB stick in the jack **30** "USB".  
The USB stick will be read. Various installation messages will appear on the display and screen.
4. After a short time, the message "DONE" will appear on the screen.
5. Turn off the device with the power switch **23** "Power" on the back.
6. Pull the USB stick out of the jack **30** "USB".
7. Wait approximately 10 seconds before turning the device back on.



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## Care and cleaning

Clean your DVD receiver regularly with a soft, slightly damp microfibre cloth. Please note the following carefully:

### 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.
- Disconnect the device from the mains power supply before cleaning.

### Attention Risk of damage!



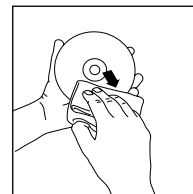
Using the wrong cleaning materials may damage the delicate surface of the case.

- 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.

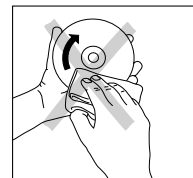
## How to clean your DVDs/CDs

Only use cleaners intended for CDs to clean your CDs.

If necessary wipe the CD off with a soft, lint-free cloth, from the middle to the outside. In the process, hold the CD between the index finger and thumb of your other hand.



Touching the play side of the CD with your hand may cause playback problems.



## 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
Power consumption, max:	200 W
Output power stereo:	80 W (4 Ohm, 1 %)
Signal to noise ratio (SNR):	better 85 dB
Distortion (THD+N):	0.19 %
Dimensions (W x H x D):	430 x 81 x 355 mm
Net weight:	5.9 kg

Technical changes reserved!



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

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# Teufel

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

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