

---

# Magnat®



## CONTENTS

### ☞ GENERAL INFORMATION

Accessories . . .	. 18
Before starting . . .	. . 19
Important safety notes . . .	. . 19
Instructions for disposal . . .	. 19
Regional coding . . .	. 19

### ☞ OPERATIONAL ELEMENTS AND CONNECTIONS

Front panel . . .	. . 20
Remote control. . .	. . 21
Rear/connections . . .	. . . 22

### ☞ THE VC 2 SPEAKER SET

23

### ☞ VARIOUS CONNECTION POSSIBILITIES

<b>Audio connections. . .</b>	. 23
Front Speakers and Subwoofer . . .	. 23
Antennas. . .	. 23
Auxiliary audio devices . . .	. . 23
TV / monitor connections . . .	. . . 24
Audio outputs . . .	. . . 24
Front connections. . .	. . . 24
☞ <b>THE DISPLAY</b>	25

### ☞ STARTING UP THE DEVICE

Mains cable. . .	. . 25
Remote control. . .	. . 25

### ☞ THE FUNCTIONS OF THE VC 2

DVD playback. . .	. . . 26
CD, WMA, MPEG-4 playback . . .	. . 26
Tuner . . .	. . . 27
RDS (Radio Data System) Functions of the Tuner. . .	. . 27
Sound settings.. .	. . . 28

### ☞ OSD MENU

Main page of the OSD menu . . .	. . . 28
Language . . .	. . . 29
Audio setup . . .	. 29
Video setup . . .	. 30
Rating. . .	. . . 31
Default settings. . .	. . 31

### ☞ COMPATIBLE FORMATS FOR MEDIA PLAYBACK

Compatible disc formats. . .	. 31
Compatible audio / video formats. . .	. . . 31
Formats supported by USB . . .	. 31

### ☞ SPECIFICATIONS

Specifications of the VC 2 . . .	. . 32
----------------------------------	--------

## ACCESSORIES

- 1) Instruction manual
- 2) Remote control
- 3) Batteries for remote control (2x AA)
- 4) Mains cable
- 5) MW loop antenna
- 6) FM indoor antenna
- 7) AV cable
- 8) 2 front speakers
- 9) Subwoofer
- 10) Speaker cables for front speakers and subwoofer
- 11) Rubber pucks for front speakers, self adhesive

## BEFORE STARTING

Dear Customer,  
Thank you for choosing the Magnat VC 2.  
Please read the following information carefully before starting to use the VC 2.

## IMPORTANT SAFETY INSTRUCTIONS

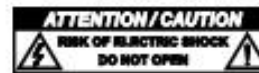
- ⌘ Please read the instruction manual carefully before use and keep it in a safe place.
- ⌘ Only operate the device at an ambient/room temperature from 10°C to 40°C.
- ⌘ Make sure there is sufficient ventilation for the device. A minimum distance of 10 cm to objects on the side, towards the back, and above should be maintained.
- ⌘ The ventilation slots should not be covered by any items (e.g. curtains, newspaper, etc.) in order to ensure sufficient ventilation for the device. Please do not position any sources of heat, such as radiators, ovens, naked flames or other devices that generate heat in close proximity to the device.
- ⌘ The device and the remote control should not be exposed to dripping or splash water or high levels of humidity.
- ⌘ Similarly, no vases or other containers filled with liquid should be set on top of the device.
- ⌘ In the event of contact with moisture or liquids unplug the mains plug immediately.
- ⌘ Only clean the device using a dry cloth.
- ⌘ Do not use any cleaning agents or chemical solvents when cleaning, as these could damage the surface of the device.
- ⌘ Never open the device.
- ⌘ The mains cable must always be operational. The device should not continue to be operated if there is visible damage to the mains cable. A damaged cable should not be repaired, but must be replaced.
- ⌘ Do not connect or remove the mains cable with damp hands.
- ⌘ Always refer to a qualified specialist for any maintenance or repair work.
- ⌘ If the device is not going to be used for a longer period, switch off the device using the mains switch (POWER) on the back side of the device.
- ⌘ In case of thunderstorms, please unplug the mains plug and the antenna cable.



The triangle with lightning symbol warns the user that high voltage is used within the device which can result in electric shock.



The triangle with exclamation point makes the user aware that there are important notes in the enclosed instruction manual which must be observed.



Do not open! Danger of electric shock! To reduce the danger of fire or of an electric shock, the device may not be subjected to rain or humidity.



This symbol informs the user that there is a class 1 laser operating inside the device which does not pose any hazardous threat outside the device.

## INSTRUCTIONS FOR DISPOSAL



In accordance with European Directive 2002/96/EC all electrical and electronic appliances must be disposed of separately via local collection points. Please observe the local regulations and do not dispose of your old appliances with normal household waste.

## REGION CODE

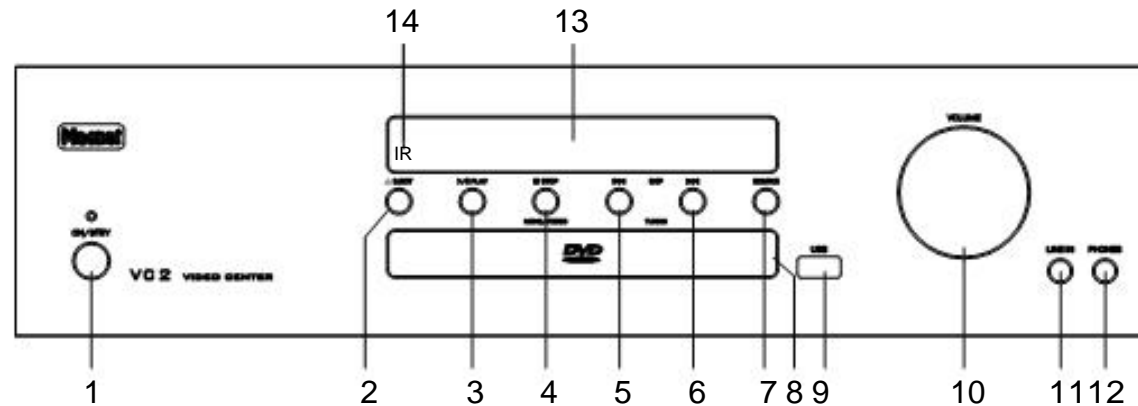
Both the DVD-Player and discs are coded by region. These region codes must match in order for the disc to play. If the codes do not match, the disc won't play. This unit's code is 2. DVDs with other region codes cannot be played in this unit. Discs marked "all" will also play in this player.



The following list shows the various DVD regions of the world.

- 1 North America; U.S. territories; Bermuda
- 2 Europe; Western Asia; Egypt, Japan, Lesotho, South Africa, Swaziland; British overseas territories, French overseas territories; Greenland
- 3 East and Southeast Asia
- 4 Oceania; Central and South America; Caribbean; Mexico
- 5 Africa, Central and South Asia, Belarus, India, Mongolia, North Korea, Russia, Ukraine
- 6 Mainland China

## OPERATIONAL ELEMENTS AND CONNECTIONS - FRONT PANEL



### **1 ON / STANDBY button**

Switches the device on when it is in the standby mode (LED lights up red). If the LED does not illuminate, actuate the power switch located on the rear of the device. Conversely the device can be switched from power operation to the standby mode (LED lights up green).

### **2 ▲ EJECT button**

Opens or closes the DVD/CD compartment (8).

### **3 ►/II PLAY button**

Starts or interrupts the media playback.

### **4 ■ STOP button**

Stops the media playback.

**Tuner:** Switches between FM-Auto and FM-Mono for FM stations.

### **5 I◀◀SEARCH button**

**CD/DVD:** Jumps to previous title.

**Tuner:** With a short press, the station frequency can be increased by 5 kHz for manual tuning. A longer press starts the station search.

### **6 ►▶I SEARCH button**

**CD/DVD:** Jumps to next title.

**Tuner:** Like point 5, but the search starts forwards.

### **7 SOURCE switch**

For the selection of the input source, DISC, TUNER or external sources AUX 1, AUX 2, AUX 3, LINE, Digital Optical, Digital Coaxial. It is indicated on the display (13).

### **8 DVD VIDEO**

DVD/CD compartment. Insert the DVD/CD into the compartment with the label facing upwards.

### **9 USB input**

For connecting USB storage media.

### **10 VOLUME regulator**

Adjusts the volume. The knob needs to be turned through approximately two revolutions to alternate between minimum and maximum volume. The volume is shown on the display (13).

(VOLUME 00 - VOLUME 40).

### **11 LINE IN**

3.5 mm stereo input jack for an auxiliary audio device (e.g. MP3 player, etc.).

### **12 PHONES**

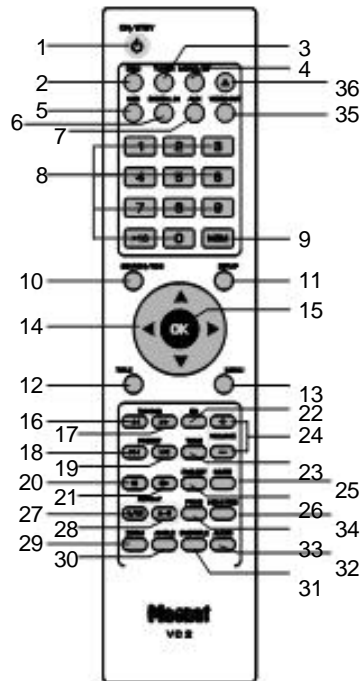
3.5 mm stereo output jack for headphones. The speakers are deactivated when this jack is used. Set the volume to a low level when connecting headphones.

### **13 Display**

Displays the settings you have made.

### **14 Sensor for remote control**

Please aim at this sensor when using the remote control.



**1 POWER**

Switches the device on when it is in the standby mode. If the LED does not illuminate, actuate the power switch located on the rear of the device. Conversely the device can be switched from power operation to the standby mode.

**2 DISC**

For selecting the input source "Disk", CD or DVD player.

**3 TUNER**

Activates the input source "tuner". Several pushes switches between "FM" and "AM".

**4 MONO/ST**

FM reception: Switches between FM auto and FM mono.

**5 USB**

Activates the USB input.

**6 DIGITAL IN**

Activates the input sources DIGITAL OPTICAL and DIGITAL COAXIAL.

**7 AUX**

Activates the input sources "Aux 1", "Aux 2", "Aux 3".

**8 Numeric keys**

For the direct selection of titles on a CD/DVD or of pre-set stations on the tuner.

**9 MEM**

For storing radio stations.

**10 SEARCH/RDS**

CD/DVD: Direct selection of chapters, tracks or jump to a certain time point.

Tuner: display of the selected RDS function.

**11 SETUP**

Opens the OSD screen menu for setting the setups in DISC mode.

**12 TITLE**

For calling up the DVD title menu.

**13 MENU**

For calling up the DVD menu.

**14 Cursor keys**

For operating this the screen menu (OSD=On Screen Display) and setup.

**15 OK**

Button for confirming the settings made with the cursor keys.

**16 ◀◀ TUNE**

Touching this button starts the search backwards with 2, 4, 8 or 16x speed, depending on how often it is pushed. Another touch brings the disk back to the normal speed. You can also achieve this by pressing the PLAY button.

Tuner: With a short press, the station frequency can be increased by 50 kHz for manual tuning. A longer press starts the station search.

**17 TUNE ▶▶**

Like point 16, but the search starts forwards.

**18 |◀ PRESET**

Jumps to the previous title.

Tuner: Selects the next lower preset.

**19 ▶▶| PRESET**

Jumps to the next title.

Tuner: Selects the next higher preset.

**20 ■ Stop**

Stops the media playback.

**21 ▶/|| Play**

Starts or interrupts the media playback.

**22 EQ**

Selection of stored sound settings: LINEAR - FILM - MUSIC - LANGUAGE - CUSTOM.

**23 TONE**

Setting of bass, highs and balance. The respective setting can be altered using the PRESET buttons.

**24 VOLUME**

For setting the volume.

**25 MUTE**

Mutes the device.

**26 DVS SET**

Activates the virtual Dolby® Surround playback via stereo speakers.

With connected headphones, the Dolby® headphone function is switched on or off.

**27 REPEAT 1/ALL**

Repeats the current track or the complete CD/DVD.

**28 REPEAT A-B**

CD/DVD: To repeat a selected segment between two points (A and B).

**29 ZOOM**

DVD mode: zoom function.

**30 ANGLE**

DVD mode: Selects the camera angle (only if the DVD supports that feature).

**31 SUBTITLE**

DVD mode: to select a subtitle language (if available).

**32 AUDIO**

DVD mode: to select one of the available audio formats or languages (only if the DVD supports that feature).

**33 PROG**

DVD mode: Selected programming of single tracks or chapters.

**34 HDMI RES**

Selection of the resolution of the HDMI output.

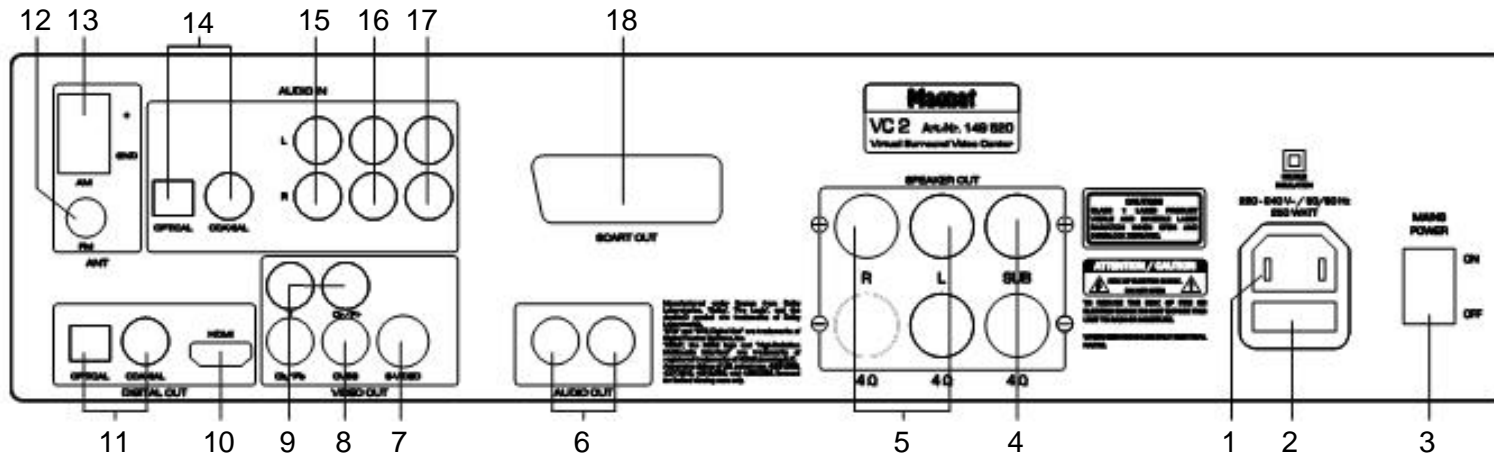
**35 VIDEO OUT**

Selection of the video output (in the following sequence): SCART, Component Interleaved (COMP I), Component Progressive (COMP P), HDMI, S-Video. The Composite (CVBS) output is always activated.

**36 ▲ Eject**

DVD/CD operation: Opens or closes the compartment. Thus ends or starts the DVD/CD playback.

OPERATIONAL ELEMENTS AND CONNECTIONS - BACK SIDE/CONNECTIONS



**1 POWER AC 230V**

Mains supply. For connecting the supplied mains cable.

**2 FUSE**

Only use a fuse with the parameters indicated on the rear of the device.

**3 On / Off**

Mains switch. Switches the device on and sets it in the standby mode. If the switch is set to the "OFF" position, the device is disconnected from the mains supply.

**4 SPEAKER OUT SUB**

Output for connecting the supplied subwoofer.

**5 SPEAKER OUT R/L**

Output for the connection of the supplied satellite speakers (the correct polarity must be taken into account).

**6 OUTPUT R / L**

Analog right and left audio output.

**7 OUTPUT S-VIDEO**

S-video (Y/C) output.

**8 OUTPUT COMPOSITE**

Video composit (FBAS) output.

**9 OUTPUT COMPONENT**

Analog video component output (YUV)

**10 HDMI OUTPUT**

HDMI output. (High Definition Multimedia Interface).

**11 Digital OUTPUT**

Optical and coaxial digital audio output.

**12 ANT FM**

Antenna connection. For connecting the supplied FM indoor antenna or a house antenna.

**13 ANT AM**

Antenna connection. For connecting the supplied AM loop antenna.

**14 Digital INPUT**

Optical and coaxial digital audio input.

**15 INPUT AUX1**

Analog audio input.

**16 INPUT AUX2**

Analog audio input.

**17 INPUT AUX 3**

Analog audio input.

**18 SCART OUT**

SCART output.

## THE VC 2 SPEAKER SET

The VC 2 set includes two front speakers as well as a subwoofer. These speakers have been adapted to perfectly match the VC 2 and we recommend to use these speakers together with the VC 2 CD receiver only.

### POSITIONING OF THE FRONT SPEAKERS

The front loudspeakers are positioned at ear height on the left and right as equidistant from the television as possible. There should be a clear line of sight between the loudspeakers and the listening position. Any sound-absorbing or reflecting obstacles in the path will distort the sound.

The speakers can be placed on a shelf or a sideboard. Please fix the supplied self-adhesive rubber pucks on the bottom side of the speakers (4 pieces per speaker).

The front speakers are provided with a bracket for wall mounting at the rear. Insert a suitable screw, which can be used to mount the speaker, into a load-bearing wall. We recommend to fix the supplied rubber pucks on the rear side of the speakers to grant a certain distance between the box and the wall.

### POSITIONING OF THE SUBWOOFER

The frequency range reproduced by the subwoofer cannot be pinpointed by the human ear. That's why positioning generally doesn't present any problems. However, it is preferable to place the speaker close to the front loudspeaker in front of the listening position. You should also make sure that the distance from the sides and from the rear to items and walls is at least 25 centimetres as otherwise bass reproduction may be impaired.

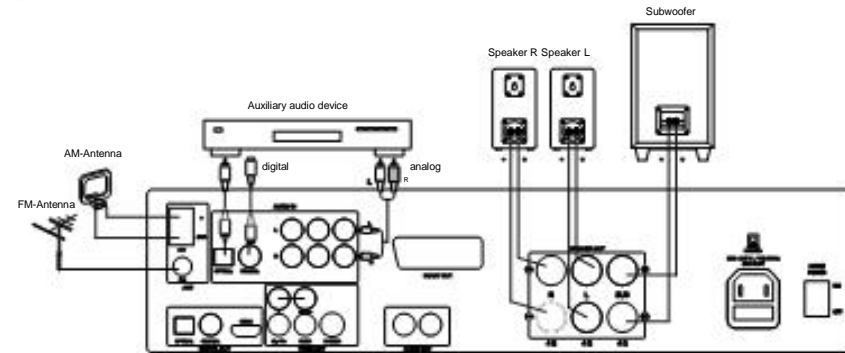
## VARIOUS CONNECTION POSSIBILITIES



- ⌘ Only connect the mains cable when all connections have been made.
- ⌘ When making the connections, observe the manuals of the other components
- ⌘ With cables, heed the quality. The HDMI cable in particular should absolutely be HDMI-certified.

## VARIOUS CONNECTION POSSIBILITIES

### AUDIO CONNECTIONS



### FRONT SPEAKERS AND SUBWOOFER

The VC 2 set comes with prefabricated speaker cables for the two front speakers (2x3m) and the subwoofer (1x5m). If possible, use these cables when connecting the speakers. If required, you can shorten and strip the cables yourself. Please note that the cables for the front speakers should be the same length. If you need longer cables, do not extend the cables supplied, but purchase new, equivalent cables in the desired length from a specialised store.

Loosen the terminal screws of the speakers one after the other and insert the stripped ends into the designated holes. Then re-tighten the terminal screws. Please ensure that any protruding wires do not cause a short circuit. Then connect the other end of the cable to the connecting terminals on the VC 2 unit in the same way. Make sure you pay attention to the correct polarity.

### ANTENNAS

Connect the FM indoor antenna to the FM antenna socket. If you have one, use the house antenna system. This generally offers better reception. For this, use a commercial IEC antenna cable.

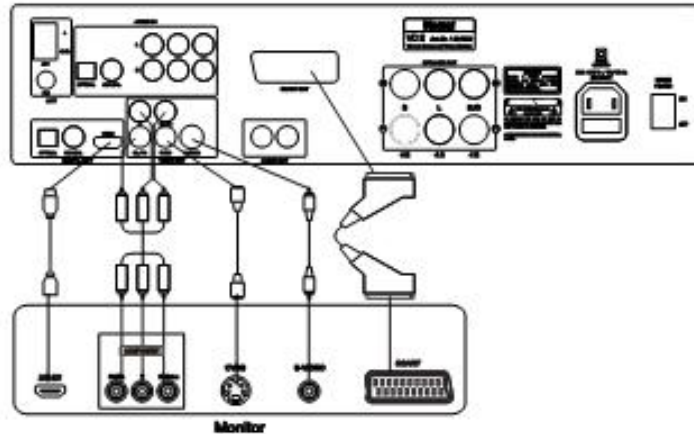
To use the MW receiver, connect the included frame antenna to the AM antenna input. Direct the antenna so that the best possible reception is guaranteed.

### AUXILIARY AUDIO DEVICES

If the devices have a digital output, you should use it and connect it to one of the digital inputs of the VC 2, either with a coax cable (75 ohms) or with an optical cable. You can connect devices with analog output via a RCA line with the Aux outputs of the VC 2.

## VARIOUS CONNECTION POSSIBILITIES

### TV / MONITOR CONNECTIONS



A TV can be connected to the VC 2 as follows:

- ⌘ Via the composite output of the S-video output.
- ⌘ Via the SCART input.
- ⌘ Via the component output.
- ⌘ Via the HDMI output.

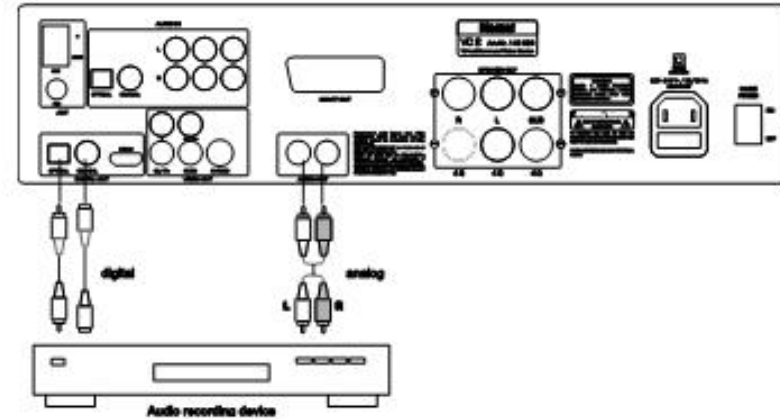
The following video resolutions can be set for the HDMI output via the video setup or the remote control.

(PAL / NTSC) 576/480 progressive	720 progressive
1080 interlaced	1080 progressive

Please make sure you know which video resolution is optimal for your TV. Also observe the operating instructions for the device.

**Important:** The video outputs must be set via the video setup or the remote control. The Composite output is always activated.

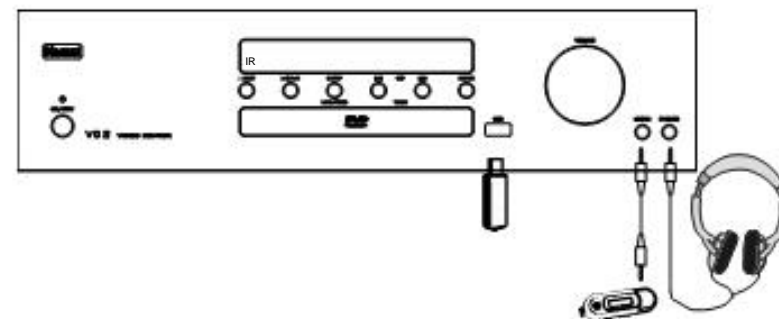
### AUDIO OUTPUTS



The following audio outputs can be used for audio recording devices:

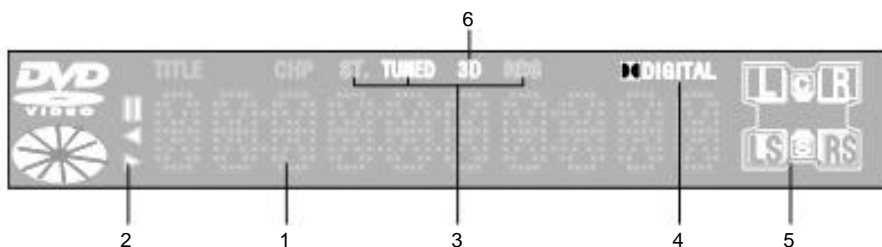
- ⌘ The digital output: optical or coaxial with corresponding cables.
- ⌘ The analog stereo output: Via RCA cable.

### FRONT CONNECTIONS



- ⌘ Connection for USB mass storage.
- ⌘ LINE IN (e.g. for connecting a MP3 player)
- ⌘ PHONES (headphone output)

## DISPLAY

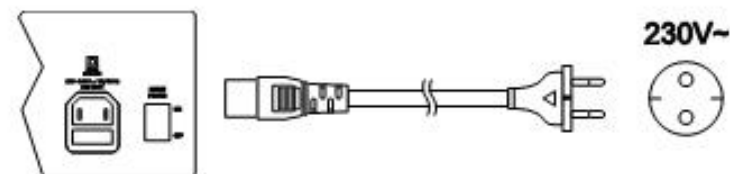


- 1 Status display of the drive function (play, pause, fast forward/rewind)
- 2 Alphanumeric display: Details about current settings, operations and RDS information. When the CD/DVD mode is active the current chapter, current track and elapsed time are displayed here.
- 3 Displays during FM reception:  
**ST.:** Stereo reception  
**TUNED:** Station set correctly  
**RDS:** RDS data available
- 4 Display for Dolby® Digital decoding
- 5 Display of the channels available for decoding
- 6 The display is visible when DVS REF or DVS WIDE is active (Dolby® Virtual Speaker Processing).

## STARTING UP THE DEVICE

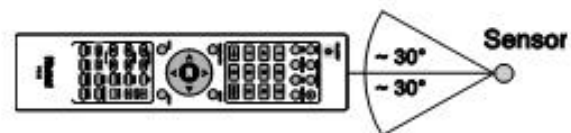
### MAINS CABLE

Once you have made all connections, connect the mains cable. Check all connections again, observing the manuals for the other devices. Check whether the right and left channels are connected correctly (left with left, right with right). Do not bundle the mains cable with the connecting cables to prevent buzzing and other disturbances. Switch the devices on.



### REMOTE CONTROL

Insert the batteries in the appropriate compartment on the remote control. When using the remote control aim it at the infrared sensor on the VC 2 (14).



## THE FUNCTIONS OF THE VC 2

### DVD PLAYBACK

Use SOURCE on the front of the VC 2 (pos. 7) or DISC on the remote control (pos. 2) to set the input to DISC (indicated on the display).

Use EJECT on the front (pos. 2) or the remote control (pos. 36) to open the compartment, insert a DVD and close the compartment again with EJECT.

The unit reads the disc and displays the DVD menu on the screen (only if the DVD supports that feature). Use the cursor and OK buttons (pos. 14, 15) for navigation in the menu. The following functions are available during playback:

- ⌘ **Control playback** by using the buttons on the front of the unit (pos. 3-6) or the remote control (pos. 16-21).
- ⌘ **Access the DVD menu or the DVD title menu** by pressing the MENU or TITLE button on the remote control respectively (only if the DVD supports that feature).
- ⌘ **Selecting a track/chapter directly or jumping to a specific time marker** (SEARCH/RDS button on the remote control (pos. 10))



Select the appropriate input field using the cursor buttons and then enter the relevant track or chapter number. The time marker is entered in the following format: Hours:Minutes:Seconds (two digits each). Do NOT use the ">10" button when doing this!

- ⌘ **Selected programming** (SEARCH/RDS button on the remote control, pos. 33).



Use the cursor buttons (pos. 14) to select the desired track or chapter from the list on the left and press the OK button (pos. 15) to add it to the playlist (on the right). You can use the buttons below to delete individual tracks or the entire playlist or play the selection.

- ⌘ **Repeat functions** (REPEAT 1/ALL, REPEAT A-B, pos. 27, 28)  
Press REPEAT 1/ALL to repeat the current track or the entire DVD. Pressing this button again switches off the repeat function.  
Press the REPEAT A-B button to define the start of the section to be repeated. Press the button again to specify the end of the section.

### CD, WMA, MPEG-4 PLAYBACK

The input selection and insertion of the CD are the same as in the DVD mode.

A USB mass storage device can also be used as a storage medium. This is connected to the USB input on the front of VC 2 unit (pos. 9). The USB input must be activated as the input source by pressing the SOURCE button on the front of the VC 2 unit (pos. 7) or the USB button on the remote control (pos. 5).

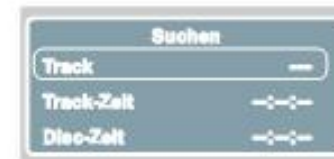
The track list is displayed on the screen.



An individual track can be selected by using the cursor buttons and the OK button or playback of the entire CD can be started by pressing PLAY. The repeat and playback mode can also be selected here.

The following functions are available during playback:

- ⌘ **Control playback** by using the buttons on the front of the unit (pos. 3-6) or the remote control (pos. 16-21).
- ⌘ **Selecting a track/chapter directly or jumping to a specific time marker** (SEARCH/RDS button on the remote control (pos. 10))



Select the appropriate input field using the cursor buttons and then enter the relevant track number. The time marker, which can be set in the current track or within the CD, is entered in the following format: Hours:Minutes:Seconds (two digits each). Do NOT use the ">10" button when doing this!

## THE FUNCTIONS OF THE VC 2

- ☞ **Repeat functions** (REPEAT 1/ALL, REPEAT A-B, pos. 27, 28)  
Press REPEAT 1/ALL to repeat the current track or the entire CD. Pressing this button again switches off the repeat function.  
Press the REPEAT A-B button to define the start of the section to be repeated. Press the button again to specify the end of the section. Pressing this button again switches off the repeat function.



For many media files, there are no generally-valid standards. Therefore, we cannot guarantee that all files will always play back correctly.



Very large video files can cause problems during playback via USB. These should then be played back from a CD or DVD.

## TUNER

### Selecting the tuner band

- Select TUNER FM or TUNER AM as the audio source using the SOURCE (VC 2, pos. 7) or TUNER button (on the remote control, pos. 3).
- Press the MONO/ST button (remote control (pos. 4)) to switch between mono reception (recommended for poor reception) or stereo reception.

### Station search

- Select TUNER as the audio source and choose the band (see above).
- Use the TUNING buttons on the front of the VC 2 (5, 6) or the TUNING buttons on the remote control (16, 17):
  - Briefly pressing these buttons increases or decreases the tuning frequency by 50 kHz.
  - Pressing and holding these buttons searches for the next or previous station on the band.

### Station presets

- 20 FM and AM stations can be stored in the memory.
- Select the desired station (FM or AM). Open the memory using the MEM button on the remote control (9).
- Choose the desired station number via the numerical buttons on the remote control (8). • The station number flashes in the display.
- Press the MEM button again to store the station.
- The station number stops flashing.
- Repeat this procedure to store other stations.

### Selecting the preset stations

Press one of the PRESET buttons on the remote control (18, 19) to select the desired station number.

The memory slot can also be selected directly by using the numerical buttons.

## RDS (RADIO DATA SYSTEM) FUNCTIONS OF THE TUNER

RDS is a system which provides information about FM stations that is broadcast together with the station's signal. The VC 2 can present this information (about the station, broadcast, etc.) in the display. The RDS functions can be set via the SEARCH/RDS button on the remote control (10).

### RDS functions of the VC 2

- PS (Program Service Name): Displays the name of the programme.
- PTY (Program Type Identification): Displays the type of programme.
- RT (Radio Text): Displays all information for the programme.

Display sequence when repeatedly pressing the SEARCH/RDS button: PS, station frequency, PTY, RT.

If one of these functions is not supported despite reception of an RDS signal, "N/A" will appear in the display.

## THE FUNCTIONS OF THE VC 2

### SOUND SETTINGS

#### Setting the volume

The volume can be adjusted by using the VOLUME regulator on the front panel (10) or on the remote control (24). VOL and a value between 00 and MAX (40) then appears in the display.

#### MUTE (remote control, pos. 25)

The sound can be deactivated using this button. MUTING flashes on the display. The sound can be reactivated by pressing this button again or by altering the volume.

#### Adjusting the bass/treble

Repeatedly press TONE on the remote control (23) until **BASS** or **TREB** appears in the display. Adjust the tone by using the TUNING buttons on the remote control (16, 17).

#### Adjusting the balance

The balance setting is selected in the same way as the tone regulator. Press the corresponding button repeatedly until **BAL L00 - 00R** appears in the display. The balance can be adjusted to the left or right by using TUNING (16).

#### EQ Function

Various equaliser settings can be called up by pressing the EQ button on the remote control (22). The following settings can be selected: LINEAR, MOVIE, MUSIC, VOCAL. These can be selected by repeatedly pressing the EQ button.

#### DVS Function

With **DVS SET** (remote control, pos. 26) you can switch off the virtual 5-channel sound via stereo speakers (Dolby® Virtual Speaker) or select between "DVS Ref" and "DVS Wide".

- ⌘ **DVS Ref** is the standard mode with which you can create the 5-channel sound with the two front speakers.
- ⌘ **DVS Wide** generates an expanded (broader) sound field for the front channels.

## OSD MENU

The VC 2 is equipped with an OSD (On Screen Display) menu. All necessary basic settings can be made using this menu if "DISC" was selected as input source.

You open the menu with the setup button on the remote control (pos. 11).

Use the cursor buttons (pos. 14) to select a menu item. This will then appear in a frame or on a light background. You can select the menu element with the OK button or navigate through additional submenus with the cursor keys. You can change a setting with the OK button.

Press the SETUPkey to quit the OSD menu.

### MAIN PAGE OF THE OSD MENU

Language
Video
Audio
Rating
Default

From this page you can access the various submenus:

- ⌘ Under **Language** you can select the language for various menus of the VC 2.
- ⌘ Under **Video** you can reach the **Video Setup**, where you can make various picture settings.
- ⌘ Under **Audio** you can reach the **AUDIO SETUP**, where you can make various sound settings.
- ⌘ Under **Rating** you can set authorizations for the playback of films.
- ⌘ Under **Default** you can reset the VC 2 to the factory settings.

## OSD MENU

### LANGUAGE

#### Language

##### OSD Menu

- German
- English
- Italian
- French
- Spanish
- Russian

Under **OSD Menu** you can set the language of the setup menu.

##### Audio

- German
- English
- Italian
- French
- Spanish
- Russian

Under **Audio** you can set the language of the soundtrack of a DVD.

##### Disk Menu

- German
- English
- Italian
- French
- Spanish
- Russian

Under **Disk menu** you can set the language of the menu of a DVD.

##### Subtitle

- German
- English
- Italian
- French
- Spanish
- Russian
- Off

Under **Subtitle** you can set the language of the subtitles on a DVD or you can switch off the subtitles.

Please note for the last three points that these language settings must also be supported by the DVD used.

### AUDIO SETUP

#### Audio

##### EQ Mode

- Movie
- Music
- Vocal
- Custom
  - Bass Control
  - Treble Control
  - Balance

You can adjust the tone and balance for audio playback under **EQ mode**. Four presets can be selected here: Linear, Film, Music, Spoken. You can adjust your own settings under the "Manual" menu.

- Wallmount

Under **Speaker Position** you can implement a frequency response correction based on the location of the satellite speakers. If the speakers are set up on a shelf and the distance to the wall is at least 15cm, the "Shelf" setting is recommended. If the speakers are mounted directly on a wall, please select the "Wall mounting" option.

##### Subwoofer Gain

##### Digital out

- RAW

You can adjust the volume of the subwoofer to match the acoustic properties of the room under **Subwoofer Gain**. The closer the subwoofer is positioned to a wall, the greater the bass response; therefore it may need to be reduced (negative values). If the subwoofer is set up relatively freely in the room, an amplification is often necessary (positive values). You should test the settings by conducting various listening tests with different films and pieces of music. When doing this the EQ mode should be set to Linear.

You can choose between PCM (two-channel PCM data format) and RAW (multi-channel data format) under **Digital Output**.

## OSD MENU

### VIDEO SETUP

#### Video

##### TV / Format

4:3  
16:9

##### View Mode

Fill  
Original  
Auto Fit  
Pan & Scan

##### TV / Display

PAL  
NTSC  
Multi

##### Video Output

S-Video  
SCART  
Component  
HDMI

##### Smart Picture

Standard  
Vivid  
Cool  
Custom

##### Scart

Brightness  
Contrast  
Tint  
Colour  
RGB  
CVBS

With **TV Format** you can set various screen formats.

The **View Mode** allows you to make various adjustments to the image format on the TV.

You can select one of the following options:

**Fill:** Scale up/down the image in horizontal and vertical direction respectively to fill the screen height and width.

**Original:** Fit the original screen size. (Only for Divx and MPEG).

**Auto Fit:** Take the type value of horizontally fit scale ratio and vertically fit scale ratio.

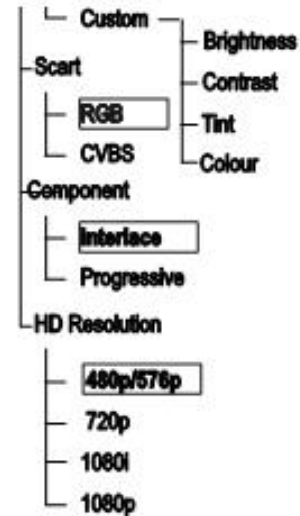
**Pan & Scan:** Take the maximum value of horizontally fit scale ratio and vertically fit scale ratio.

With **TV Display** you can select between the colour standards PAL, NTSC and Multisystem.

With **Video Output** you can select between the outputs "S-Video", "SCART", "Component" and "HDMI". The composite output is active independent of the setting.

You can adjust the brightness, contrast, hue and colour saturation under **Smart Picture**. Three settings are stored (standard, vivid and cool). You can adjust your own settings under the "Custom" menu.

If HDMI is selected as the video output, only the brightness level can be changed.



Under the **SCART** option you can choose between SCART video output in RGB or CVBS format (provided SCART is selected as the video output)

Under the **Component** option you can choose between component video output in interleaved or progressive format (provided Component is selected as the video output).

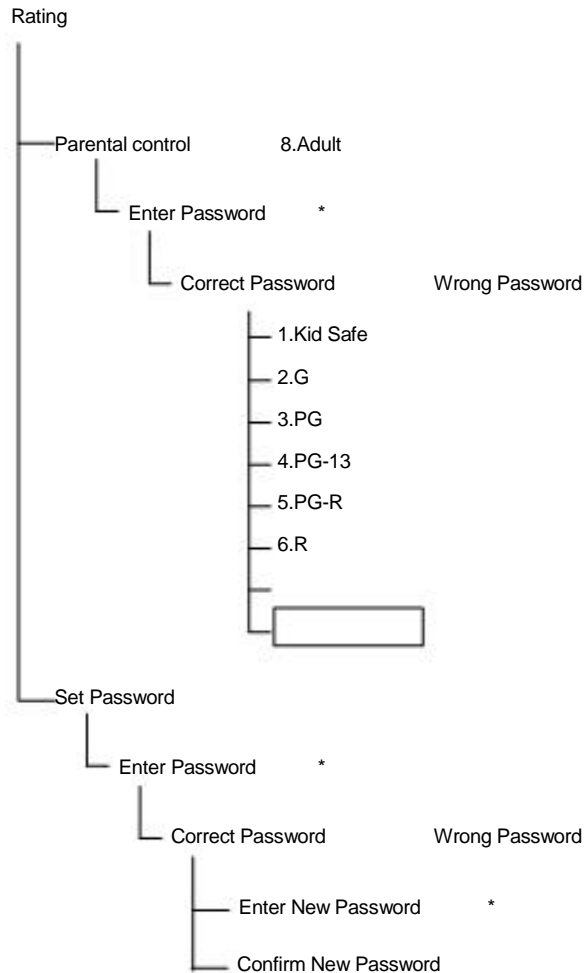
With **HD Resolution** you can set the resolution of the HDMI output. The following resolutions can be selected:

(PAL / NTSC) 576/480 progressive  
720 progressive  
1080 interlaced  
1080 progressive

Please make sure you know which video resolution is optimal for your TV. Also observe the operating instructions for the device.

## OSD Menu

### RATING

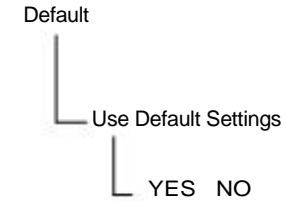


After entering the correct password you can change the parental control settings. The preset password is **8888**.

Under **Set Password** you can change the valid password as follows:

- ⌘ Enter the valid password.
- ⌘ Enter the new password twice.

## DEFAULT SETTING



After confirming with "YES" the default settings of the VC 2 unit are restored.

## COMPATIBLE FORMATS FOR MEDIA PLAYBACK

### COMPATIBLE DISC FORMATS

The following disc formats can be played back by the VC 2:

<input checked="" type="checkbox"/> CD-DA	<input checked="" type="checkbox"/> VCD	<input checked="" type="checkbox"/> DVD-
<input checked="" type="checkbox"/> R/DVD+R/RW	<input checked="" type="checkbox"/> S-VCD	
<input checked="" type="checkbox"/> HDCD	<input checked="" type="checkbox"/> DVD Video	
<input checked="" type="checkbox"/> CD-R/CD-RW		

### COMPATIBLE AUDIO/VIDEO FORMATS

The following audio/video formats can be played back by the VC 2:

<input checked="" type="checkbox"/> Dolby® Digital	<input checked="" type="checkbox"/> MPEG-4	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AAC	<input checked="" type="checkbox"/> MPEG-2	<input checked="" type="checkbox"/> WMA
<input checked="" type="checkbox"/> Dolby® Prologic II	<input checked="" type="checkbox"/> MPEG-1 audio	<input checked="" type="checkbox"/> JPG
<input checked="" type="checkbox"/> Dolby® Virtual speaker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kodak Picture CD
<input checked="" type="checkbox"/> Dolby® Headphone		

### ABOUT FORMATS SUPPORTED BY USB

The following formats can be played back by the VC 2 via USB:

<input checked="" type="checkbox"/> AAC	<input checked="" type="checkbox"/> MP4	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> WMA		
<input checked="" type="checkbox"/> MP4	<input checked="" type="checkbox"/> JPEG	

## SPECIFICATIONS

### CD RECEIVER

#### Amplifier

##### Output:

Rated power SAT (4 Ohm)	2 x 50 W
Rated power SUB (4 Ohm)	1 x 100 W
Peak power (total):	350 W

##### Frequency response-linearity:

CD/AUX/Line	20 Hz - 20 kHz (-1.0 dB)
-------------	--------------------------

##### Signal-to-Noise ratio:

CD/AUX/Line	95 dB
-------------	-------

##### Input sensitivity:

AUX/Line	450 mV/47kOhm
----------	---------------

##### Equalizer:

Bass	±10 dB/100 Hz
Treble	±10 dB/10 kHz
Sub	± 6 dB

#### FM tuner

Frequency range	87.5 - 108 MHz
Signal-to-Noise ratio:	Mono: 70 dB Stereo: 65 dB

#### AM tuner

Frequency range	531-1602 MHz
Signal-to-Noise ratio:	40 dB

#### Miscellaneous

Mains voltage:	230 VAC/50 Hz
Power input:	Maximum 200 W Standby 0.9 W

##### Dimensions (w x h x d):

Main device:	400 x 98 x 289 mm
Main device incl. operational elements/connecting terminals:	400 x 98 x 332 mm
Remote control:	53 x 220 x 22 mm

Weight:	4.8 kg
---------	--------

### FRONT SPEAKERS

Configuration:	2 way, sealed
Power Handling RMS/max:	70 / 120 W
Impedance:	4 Ohm
Frequency Response:	60 - 35 000 Hz
Efficiency (1 W/1 m):	90 dB
Dimensions (w x h x d):	108 x 202 x 152 mm

### SUBWOOFER

Configuration :	Bass reflex
Power Handling RMS/max:	140 / 200 W
Impedance :	4 Ohm
Frequency Response:	25 - 180 Hz
Efficiency (1 W/1 m):	90 dB
Dimensions (w x h x d):	235 x 390 x 388 mm

### Special features

- ☒ Dolby® virtual speaker processing for perfect cinema sound from 2 speakers
- ☒ Dolby® Headphone
- ☒ Digital 3-channel power amp
- ☒ Zoran vaddis® video processor
- ☒ Upscale function up to 1080p (full HD resolution) for DVD
- ☒ Superhet FM/MW tuner with RDS / Radiotext function ☒
- Digital mains adapter
- ☒ Standby function with low power consumption

Subject to technical change.