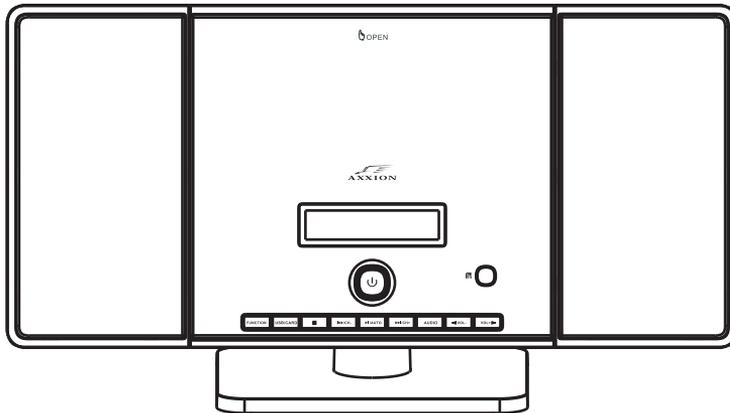




User manual

AXX 208



More information please visit, www.stl.nl/axxion

USER MANUAL

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS ANTENNA TO RAIN OR MOISTURE.

 <p>A triangle with a lightning symbol draws the user's attention to "dangerous voltage" without insulation in the cabinet which may be high enough to entail a risk of electric shock.</p>	<p>WARNING RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>A triangle with an exclamation mark draws the user's attention to important instructions for use and maintenance in the accompanying manual, which should be studied.</p>
--	---	---

FURTHER INFORMATION



Beware of small pieces and batteries, do not swallow them. It may be hazardous to your health and lead into suffocation. Please, Make sure to keep small devices and batteries out of the reach of children.



Important advice regarding hearing protection

Caution:

You care for your hearing, and so do we.

Therefore, use caution while using this appliance.

Our recommendation: Avoid high volumes.

Children should be supervised while using headphones; make sure that the appliance is not set to high volume.

Caution!

High volumes may cause irreparable damage to children's ears.



NEVER let allow anyone, especially children, to put objects into the holes, slots or openings on this device. This may lead into death due to electric shock. The device must only be opened by a qualified assistant.



Only use the appliance for its intended purpose.

This device may only be used in housings and business premises.



Please keep this instruction manual for further reference.



Instructions on environment protection

Do not dispose of this product in the usual household garbage at the end of its life cycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal.

The materials are recyclable as mentioned in its marking. By recycling, material recycling or other forms of reutilization of old appliances, you are making an important contribution to protect our environment.

Please inquire at the community administration for the authorized disposal location.



Do not obstruct the ventilation of the device. Make sure, that no curtains, newspapers, furniture or any other type of object are blocking the ventilation system of the apparatus. The ventilation system must be clear of objects at all times! Overheating may lead into serious damage of the device and reduce its performance and lifespan.



Heat and warmth

Do not expose the appliance to direct sunlight. Make sure that the appliance is not subject to direct heat sources such as heaters or open fire. Make sure that the ventilation slots of the appliance are not covered.



Moisture and cleaning

This appliance is not waterproof! Do not immerse the device in water. Do not allow player to come in contact with water. If water gets inside the device it may cause serious damage. Do not use cleaning agents that contain alcohol, ammoniac, benzene or abrasives as these could damage the device. For cleaning, use a soft, moistened cloth.



Professional recycling

Batteries and packaging should not be disposed of in the trash. Batteries must be handed over to a collection centre for used batteries. Separating disposable packaging materials is ecologically friendly.

IMPORTANT SAFETY INSTRUCTIONS

For best achievement please read carefully the operating instructions before the first start-up, in order that a problem-free operation are guaranteed for many years.

1. **READ INSTRUCTIONS** - All the safety and operating instructions should be read before the unit is operated.
2. **RETAIN INSTRUCTIONS** - The safety and operating instruction should be retained for future reference.
3. **HEED WARNINGS** - All warnings on the unit and in the operating instructions should be adhered to.
4. **FOLLOW INSTRUCTIONS** - All operating instructions should be followed.
5. **WATER AND MOISTURE** - The appliance should not be used near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
6. **VENTILATION** - Openings in the device serve its proper ventilation, are necessary for the operation and prevent overheating. The unit should be situated so that its location or position does not interfere with its proper ventilation. Do not place on bed, sofa, rug or similar surface that may block the ventilation openings, in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
7. **HEAT** - The unit should be situated away from heat sources such as radiators, stoves, or other appliances (including amplifiers) that produce heat.
8. **POWER SOURCE** - The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.
9. **POWER CORD PROTECTION** - Power supply cords should be routed so that they are not

likely to be walked on or pinched by items placed upon or against them.

10. **NON-USE** - During longer periods of non-use please disconnect from mains power supply and antenna.
11. **OBJECT and LIQUID ENTRY** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
12. **DAMAGE REQUIRING SERVICE** - The unit should be serviced by qualified service personnel when:
 - a. The power-supply cord or plug has been damaged.
 - b. Objects have fallen into, or liquid has been spilled into the unit enclosure.
 - c. The unit has been exposed to rain or moisture.
 - d. The appliance has been dropped, or the enclosure damaged. Only use controls and adjustments as specified in the manual.
 - e. The unit does not appear to operate normally.
 - f. The device displays serious changes in its performance
13. **SERVICING** - The user should not attempt to service the unit beyond that described in the user operating instructions. All other servicing should be referred to qualified service personnel.
14. **CLEANING** - Disconnect from mains power supply before cleaning. Do not use liquid or spray cleaners, only use a damp cloth. Follow the care and maintenance instructions in this manual.
15. **LIGHTNING** - During lightning and longer periods of non-use please disconnect from mains power supply and antenna.
16. **SAFETY CHECK** - After servicing the unit ask the customer service for a safety check.
17. **OVERLOAD** - To avoid fire and electric shock do not overload wall outlets and convenience receptacles.
18. **ELECTROSTATIC DISCHARGE** - Disconnect from mains power supply and remove batteries if unit malfunctions. Reconnect after a short time.

CAUTION:



THIS CD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER, THIS CD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM, WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE CD PLAYER CORRECTLY AS INSTRUCTED.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR THE DEVICE YOURSELF.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE USE ONLY THE RECOMMENDED ACCESSORIES.

NOTES ABOUT THIS INSTRUCTION MANUAL:

1. This instruction manual is published by the manufacturer without any warranty. Corrections and changes of this instruction manual for the removal of typographic mistakes and editorial inaccuracies as well as due to (technical) improvements (changes) of the devices can be done by the manufacturer at any time without announcement. Changes of this kind are considered in future versions of this user manual.

All rights reserved.

2. All figures are only for illustration and do not always show the exact representation of the product.
3. This unit is not intended for use by persons (including children) with reduced physical, sensory, or mental capacities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the unit.

FURTHER NOTES ON THE DEVICE

Setting a safe volume level

- If you continually listen to loud music, your hearing gradually adapts to it and gives you the impression that the volume is lower.
- What seems normal to you can be already for long time too loud and unhealthy.
- To protect yourself from this, set the volume to a low level.
- Increase the volume slowly.
- Damage to your hearing can be extensive and cannot be reversed.
- If you notice a hearing problem, please consult a doctor.

Condensation:

- Condensation may occur when moving the device from a cold to a warm environment. If there is moisture inside the player, it may not operate properly.
Don't turn on the device and wait about one hour for the moisture to evaporate.

Saving energy

- During nonuse of the unit it is advisable to turn off the player with the power switch.
- If the unit is not used for a long period of time, it should be unplugged from the AC socket.

Unpacking:

- Take out carefully the unit from the packing. Please keep the packing for further use.
- Carefully remove possible protection cardboards and slipcovers.

FEATURES

This device is compatible with the following disc types: DVD/VCD/CD/MP3/CD-R/CD-RW/PICTURE-CD.

Note: The following discs are NOT supported by the player:

- 1) DVDs with regional code that is not matching the player's regional code. Check the regional code label on the packaging of the disc. The regional code "ALL" will be supported by any player.
- 2) DVDs purchased outside the application country.
- 3) PC applications on CD-R/CD-RW, CD-ROM for PCs, CD-MP3 under Windows format.
- 4) MP3, CD-R/CD-RW with unsuitable format.

Audio and video outputs:

- HDMI output
- Video output
- Coaxial output
- Scart output
- ML/MR

DVD functions:

- Setting subtitles
- Setting audio language
- Setting camera angle

TV format:

- PAL/NTSC/AUTO color system
- 4:3 / 16:9 screen format

Other features:

- On-screen menu
- Digital zoom
- Parental control
- JPEG picture view

Manufactured under the license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Words.

©1992-1997 Dolby Laboratories. All rights reserved.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

GENERAL INFORMATION

About DVD

DVDs (Digital Versatile Disc) are a digital video medium under MPEG II format featuring a variety of revolutionary capabilities.

The MPEG II video compression technology provides capacity for an excellent picture of minimum 500 lines resolution on screen, up to 8 language soundtracks, up to 9 different camera angles and up to 32 language subtitles (provided by the DVD disc itself which supports these features).

. 5 GB .

Disc-Informationen

Disc type	Encoding	Capacity	Disc size	Horizontal resolution	Sub-title	Languages	Symbols
DVD	Digital / MPEG II / MPEG 4	Single layer / Single side 4.7GB = 2 hrs Single layer / Double side 8.5GB = 4 hrs Double layer / Single side 9.4GB = 4.5 hrs Double layer / Double side 17GB = 8 hrs	12cm / 8cm	500 Linien	32	8	
CD	Digital	650MB = 74min	12cm / 8cm	-	-	1	

DVD symbols

Depending on the manufacturer, every disc features different functions and characteristics.

The following symbols represent some of these functions:



Number of audio languages



Screen format



Number of subtitle languages



Zoom



Camera angle

Note:

Some functions of this player vary with the software of each respective DVD. It is possible, that the player might not execute several functions or requires special settings.

Check the printings on the packaging of the disc or follow the instructions of the disc on the screen.

Select a disc

DVDs and DVD players are manufactured under the worldwide recognized DVD regional code system, in order for every DVD player to only support DVDs with the same regional code.

Regional code	Region
1	Canada, USA
2	Europe (incl. Poland, Romania, The Czech Republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. Hong Kong, Taiwan, South Korea), South-East Asia
4	Australia, The Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan
6	China

About MPEG4

MPEG-4 is an ISO/IEC standard developed by MPEG (Moving Picture Experts Group), the committee that also developed the Emmy Award winning standards known as MPEG-1 and MPEG-2. These standards made interactive video on CD-ROM, DVD and Digital Television possible. MPEG-4 is the result of an international effort involving hundreds of researchers and engineers from all over the world. MPEG-4, with its formal ISO/IEC designation "ISO/IEC 14496", was finalized in October 1998 and became an International Standard in the first months of 1999. The fully backward compatible extensions under the title of MPEG-4 Version 2 were frozen at the end of 1999, to acquire the formal International Standard Status early in 2000. Several extensions were added since and work on some specific functions still in progress.

About HDMI

HDMI is an interface that supports both video and audio on a single digital connection. The HDMI connection carries high definition video signals and multi-channel audio signals to AV components such as HDMI equipped TVs, in digital form without degradation. Since the video signals are compatible with the current DVI (Digital Visual Interface) format, HDMI jacks can be connected to DVI jacks using an HDMI-DVI converter cord. The HDMI specification supports HDCP (High-bandwidth Digital Contents Protection), a copy protection technology that incorporates coding technology for digital video signals.

About USB

The USB port of the device is compatible with USB2.0:
You may connect U-discs/cards/hard drives to the USB port; concerning hard drives, the device only supports the formats FAT16 and FAT32 and can only read the first partition. Use the USB port to play MP3 files, JPEG files and MP4(AVI) files.

About FM radio

Press the FUNCTION button on the front panel or remote control, to switch on the radio (FM). Press AUTO on the front panel or SEARCH on the remote control; the device automatically searches and saves FM stations.

About MP3

MP3 (MPEG 1, Audio Layer 3) is a digital audio format for the quick download of files that sound as good as CDs. MP3 uses entropy encoding in order to reduce the redundant sound in an audio signal to a minimum. It reduces the music of a CD by a factor of 12 with no noticeable loss of quality. On a normal CD of 74 minutes playback time you may store more than 130 tracks.

Sampling rate	Bit rate	Quality
44.1 kHz	56 Kbps	↓
44.1 kHz	64 Kbps	FM radio Quality
44.1 kHz	80 Kbps	↓
44.1 kHz	96 Kbps	
44.1 kHz	112 Kbps	
44.1 kHz	128 Kbps	Near CD quality
44.1 kHz	160 Kbps	Good CD quality
44.1 kHz	192 Kbps	Better than CD quality
44.1 kHz	224 Kbps	↓
44.1 kHz	256 Kbps	Studio quality

Disc information

The sampling rate should be 44.1 KHz and the bit rate is recommended within a range from 128Kbps to 256Kbps in order to achieve optimum performance. Higher quality settings usually require a bigger file size.

Discs that are not supported:

Discs with a regional code that is not matching the players' regional code. Check the label of the packaging of the disc. The regional code "All" will be supported by any player.

DVDs purchased outside the application country.

PC applications on CD-R/CD-RW.

CD-ROM for PCs.

CD-MP3 under Windows format.

Tips for creating a good MP3 CD

Use high quality CD-RW discs, such as CD-R Gold Ultima. There you can store MP3 files of up to 650MB (74 minutes).

Use a high quality CD recorder (writer), such as HP CD-Write+9200.

Use advanced CD burn software, such as Easy CD Creator 4.0 or higher.

Select mode 1 for creating or burning your discs, since MP3 is data and not WAV information.

Do not use Drag&Drop (Direct CD) for creating discs; the player will not support this format.

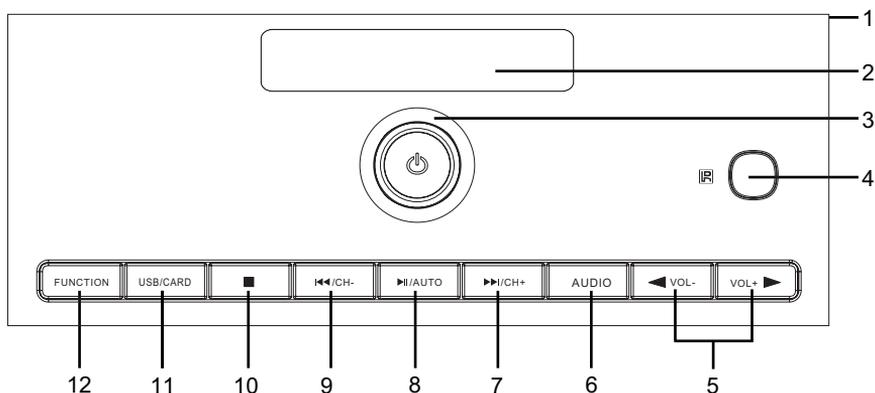
Only single session recordings are supported. Multiple session recording are not supported and thus not played.

Select Data CD Project (software or interface); the file format must comply with the ISO 9660 Standard or Joliet. OR select MP3 DC Project for convenient operation (available under Easy CD Creator 5.0).

It is recommended to "finalize" the CD after burning.

DEVICE

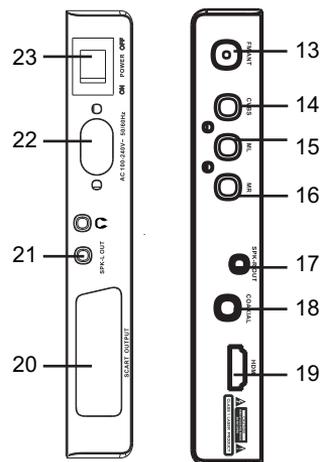
Front panel



- | | |
|--|---|
| 1. Foldable DVD door | 8. >>II/AUTO Playback/Pause/Auto |
| 2. Display | 9. <<<I/CH- Previous/search channel backwards |
| 3. Power button | 10. ■ Stop |
| 4. IR sensor | 11. USB/CARD Change between USB/card mode |
| 5. VOL-/VOL+ Reduce/increase volume | 12. FUNCTION button |
| 6. AUDIO button | |
| 7. >>I/CH+ Next/search channel forward | |

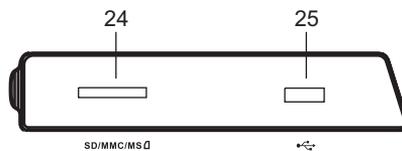
Rear side

13. FM ANT FM antenna port
14. CVBS jack
15. ML Left audio connection
16. MR Right audio connection
17. SPK-R OUT Right speaker output
18. COAXIAL output
19. HDMI output
20. SCART OUTPUT
21. SPK-L OUT Left speaker output
22. AC 100-240V~50/60Hz Mains cable connection
23. O/I POWER Mains switch



Top view

24. SD/MMC/MS card slot
25. USB port



. 9 GB .

Without picture

2 speakers

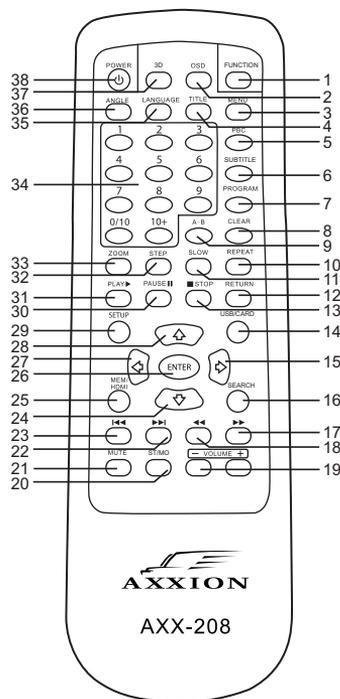
Foot with connector part

Audio and video cable

Mains cable

REMOTE CONTROL

1. FUNCTION button (DVD/AUX/radio)
2. OSD On-screen display settings
3. MENU Open or exit DVD/CD
4. TITLE Open DVD/CD menu
5. PBC Playback control (VCD)
6. SUBTITLE button
7. PROGRAM Program playback
8. CLEAR Delete program list
9. A-B Repeat sequence
10. REPEAT Repeat playback
11. SLOW Slow motion
12. RETURN Return to previous setting
13. ■ Stop
14. USB/CARD Switch between USB and card mode
15. Navigation RIGHT
16. SEARCH Search stations in radio mode
17. ►► Fast forward
18. ◀◀ Rewind
19. - VOLUME + Reduce/increase volume
20. ST/MO Stereo/mono
21. MUTE Turn off sound
22. ►► Next
23. ◀◀ Previous
24. Navigation DOWN
25. MEM Memory (radio stations)/ HD multimedia interface
26. ENTER button
27. Navigation LEFT
28. Navigation UP
29. SETUP button
30. Pause II
31. Play ►
32. STEP Freeze image
33. ZOOM button
34. Number buttons 1-0, 0/10, 10+
35. LANGUAGE Language settings (Audio)
36. ANGLE Camera angle
37. 3D Equalizer
38. POWER button



Insert batteries

Open the battery compartment on the back side. Push down the small nib above the OPEN marking and then flip the cover open. Insert two batteries of the type AAA (UM-4, R03), thereby observing the correct polarity (+ / -). Close the battery compartment afterwards.

Notes on operation

Protect the remote control against extreme temperature, such as direct sunlight.

Do not allow foreign objects to enter the battery compartment, especially not metal objects. If the IR sensor of the player is exposed to intense sunlight or artificial light, it might not be able to receive the signals from the remote control.

If you do not use the remote control for a longer period of time, please remove the batteries in order to avoid leakage or corrosion.

INSTALLATION SYSTEM CONNECTIONS

Installation

Carefully take the device and speakers from the packaging; remove any packaging materials.

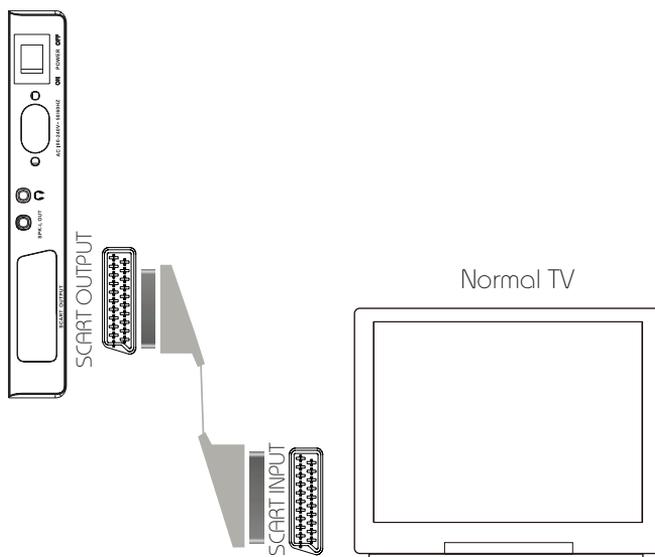
Attach the connector part by sliding it into the guides on the back side, until it locks into the two openings on the bottom of the device. Then attach the device including the connector part to the foot in such a way, that the two ribs on the bottom of the connector part lock into the two openings of the foot.

Attach the left speaker to the left side, the right speaker to the right side. There is a cable compartment on the back of each speaker. Connect the speaker cables to the respective jacks (SPK-L OUT and SPK-R OUT) left and right on the device. If the cables are too short, open the cable compartments and unwind the cables to the appropriate length.

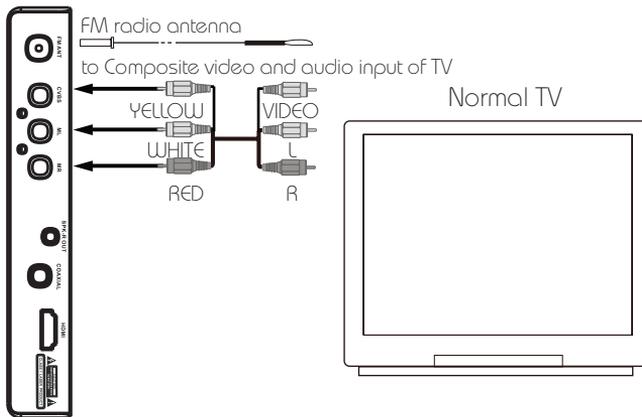
Connect the device to a TV or amplifier. Refer to the pictures below.

After all connections, connect the mains cable to the mains cable port on the left rear side of the device (AC 100-240V~50/60Hz). Connect the cable plug to a suitable wall socket.

Connection to TV



Connect SCART cable with SCART output of the device and SCART input of the TV.



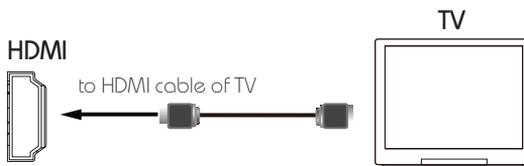
Note:

The player has A/V outputs on the rear side. Your TV should have at least one set of A/V inputs. Use the included patch cable to connect the A/V outputs of the player to the A/V inputs of the TV.

Press the AV/TV button on the TV or its remote control, in order to activate AV mode. Your TV should have more than one A/V source.

The A/V inputs of a mono TV do only have one mono audio channel. Connect either the left or the right audio channel of the player to the audio input of the TV.

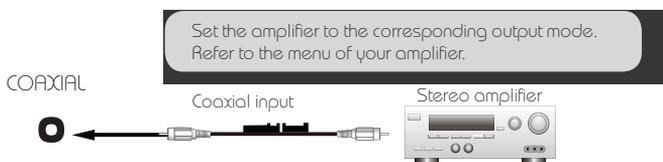
HDMI connection



Connect an HDMI cable to the HDMI output of the player and to the HDMI input of a TV or amplifier.

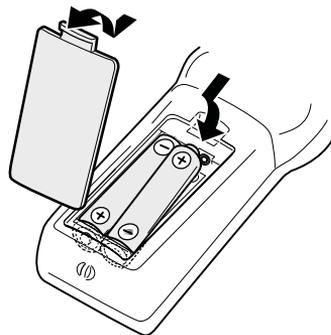
If your TV only features a DVI port, you may use an HDMI-DVI cable for connection. The DVI port does not support audio signals; that means you will need an additional audio connection. The connection of the HDMI and DVI ports does not comply with the HDCP standard.

Audio connection with a stereo amplifier



GETTING STARTED

1. Open the battery compartment. Push down the nib above the OPEN marking and then flip the cover open.
2. Insert two batteries of type AAA (UM-4 or R03).
3. When doing so, observe the correct polarity, indicated by the symbols + and -.
4. Close the battery compartment.



When replacing the batteries, always replace both batteries at the same time.

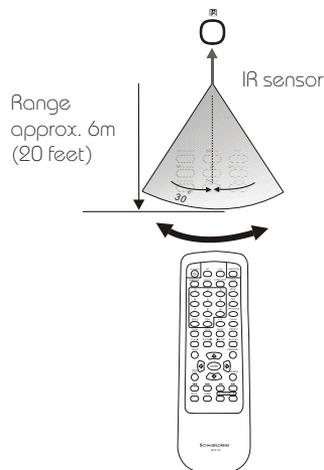
Do not mix old and new batteries, as this would otherwise reduce the operating time.

Remove the batteries if you do not use the remote control for a longer period of time.

Using the remote control

Point the remote control from a distance of up to 6 m and an angle of 30° respectively to the device.

Make sure there are no obstacles between the remote control and the IR sensor of the device.



Switching on the device

Turn on the TV and, if connected, the amplifier, and set the TV to the corresponding mode (AV1, AV2, HDMI, etc.). In case of VCR or RF modulators, search for the correct channel until the DVD logo appears on the screen. If an amplifier is connected, please set it to the corresponding output mode.

Push the POWER main switch on the rear side of the device to position I in order to turn on the device; the power button on the front panel lights up red for a short time. The device will scan (Loading), and if there is no disc inserted, No Disc will appear on the screen. The power button lights blue.

Loading and playing discs

Open the DVD door by folding it downwards (Open). Insert a disc with the printed side facing the door. Carefully press the disc onto the spindle. Close the door (Close).

Automatic playback

The device will scan the disc for a few second (Loading), and then start playback automatically.

Note: Loading an MP3 discs usually takes a bit longer.

DVD menu on the screen



Use the navigation buttons to select a menu setting and confirm by pressing ENTER.

ERROR MESSAGES

The following messages will appear on the screen, if the DVD format is not correct:



"WRONG REGIONAL CODE":

The regional code of the disc does not match the one of the player (region 1 to 6).



"WRONG PASSWORD":

The rating of the disc is higher than the settings of the device (please refer to parental control), or you have entered a wrong password. The device will not play the disc but show this message.



"WRONG DISC":

The player is equipped with software for automatically detecting the quality of a disc. If the player detects a defect or damaged disc, it will play the disc at lower quality or cancel playback, depending on how severely the disc is damaged.

The manufacturing quality of DVDs varies; some DVDs might not comply with industry standards. The device can play some correctly formatted discs, but the playback and operating quality might be of substandard.

FUNCTIONS

Open/close the door

Open the door directly by folding it downwards.

Menu

DVD mode

During DVD playback, press the MENU button to return to the main menu. There you can use the navigation buttons to select a setting.

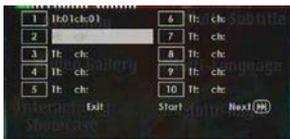
VCD mode

During VCD2.0 playback, press the MENU button repeatedly, until PBC ON or PBC OFF appears on the screen.

Title

During DVD playback, press the TITLE button to display the DVD title menu.

Program playback



Using the program playback function, you can set the order by which to play chapters or tracks; maximum 20

DVD mode

In the program menu, use the number buttons to enter the track number; confirm with ENTER. Then enter the chapter number; confirm with ENTER again. The programming is then completed.

- Press the stop button ■ to stop program playback.
- Press the CLEAR button on the remote control to delete wrong inputs. Press the button a second time to delete all tracks.

CD/VCD mode



In the program menu, use the number buttons to enter the track number and confirm with ENTER. The programming is then completed.

- Press the stop button ■ to stop program playback.

Note: Some DVDs do not support program playback. Discs with one track only cannot be programmed. MP3 discs cannot be programmed.

Stop

During playback, press the stop button ■ once to enter the temporary stop mode. The message "Press playback button to continue" will appear. In order to completely stop playback, press the stop button a second time.

Mute

During playback, press the MUTE button to turn off the sound. Press the button again or press VOL-/+ to turn the sound back on.

Skipping tracks

- ►► Next: Press this button to jump to the next DVD chapter, VCD title or CD track.
- ◀◀ Previous: Press this button to jump back to the previous DVD chapter, VCD title or CD track.

Note: You cannot use these buttons to skip the WARNING SECTION. DVDs or CDs with one track only do not support this function.

Fast forward/ rewind

You can use different speeds to fast forward or rewind playback.

- ◀◀ (F.R): Each time pressing, the playback will rewind as follows:
Playback ◀◀ 2- ◀◀ 4- ◀◀ 8- ◀◀ 16- ◀◀ 32- ◀◀ Playback
- ►► (F.F): Each time pressing, the playback will fast forward as follows
Playback ►► 2- ►► 4- ►► 8- ►► 16- ►► 32- ►► Playback

Note: This function is not available during the WARNING SECTIONS of discs.

Slow motion

During slow motion the sound is turned off. Press the SLOW button repeatedly to reduce playback speed as follows:
Playback - 1/2 - 1/4 - 1/8 - 1/16 - Playback
Press the playback button at any time to continue normal playback.

Repeat playback

During playback of a disc, press the REPEAT button once; the screen will display the repeat mode.

Repeat track or chapter

Repeatedly press REPEAT to repeat chapters or tracks as follows.

- DVD:
 - REP.CHAPTER repeat chapter
 - REP.TITLE repeat title
 - REP.ALL repeat complete disc
- VCD/CD:
 - REP.1 repeat current title
 - REP.All repeat all titles
 - REP.Track repeat all tracks
- MP3:
 - Single play 1 track
 - Repeat one repeat 1 track
 - Repeat Folder repeat folder
 - Folder play folder

Note: Not all DVDs support the repeat function.

Repeat sequence

To repeat a certain sequence of the disc.

- Press the A-B button at the starting point of the sequence. The screen will show the message "Repeat A".
- Press the button again at the ending point of the desired sequence. The screen will display "Repeat A-B". The sequence will be played repeatedly until the function will be stopped.
- Press the button a third time; the screen will display "Cancel A-B"; the device will return to normal playback.

Note: Not all DVDs support the repeat sequence function. MP3 discs do not support this function.

On-screen display

Press the OSD button on the remote control, in order to display playback time and status information. Please refer to chapter OSD (ON-SCREEN DISPLAY) for more information.

Soundtrack

During CD/VCD/MP3, press the LANGUAGE button to display the current soundtrack. Press the button again to go to the next soundtrack.

Audio language

During DVD playback, press the LANGUAGE button repeatedly to set the desired audio language. A DVD can contain up to 8 different audio languages.

Subtitle

During DVD playback, press the SUBTITLE button repeatedly to display the desired subtitle. A DVD can contain up to 32 subtitle languages.

Camera perspective

During DVD playback, press the ANGLE button repeatedly in order to set the desired camera angle. A DVD can contain up to 9 different camera angle settings.

Zoom

During DVD/VCD playback, press the ZOOM button repeatedly in order to enlarge the picture on the screen as follows: ZOOM x 2, ZOOM x 3, ZOOM x 4, ZOOM x 1/2, ZOOM x 1/3, ZOOM x 1/4 and ZOOM Off.

Note: The picture quality might worsen depending on the different settings.

Volume



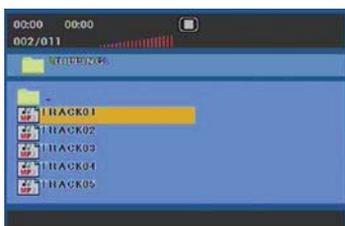
During playback, repeatedly press VOL+ and VOL-, in order to adjust the volume accordingly. You may watch your setting on the screen.

Note: The volume setting does not refer to the digital audio output.

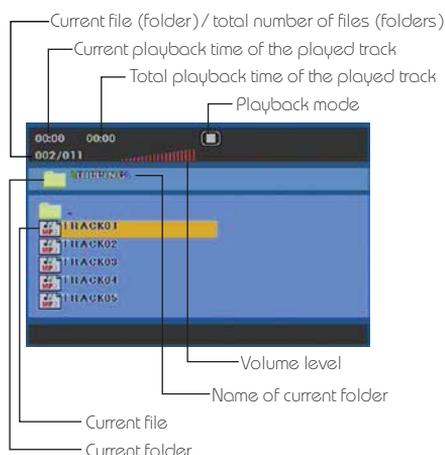
USB

First press the USB/CARD button on the front panel, then use the navigation buttons to select the option USB. If no USB-device has been connected, None will appear on the screen. Please connect a USB device to the player. The player will scan the device, displaying USB1 on the screen; confirm with ENTER to display the menu with all folders and files.

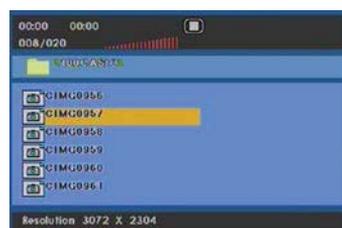
Use the UP/DOWN buttons to highlight a folder or file. Or use the RIGHT button to open a folder, or the LEFT button to close it. After highlighting a file, press ENTER for playback.



Information on the on-screen display



JPEG files



AV



Note: Concerning the use of the USB port, connect USB sticks or other storage devices only directly to the port. Do not use USB cables for connecting, as these might cause interferences.

CARD

Insert a card into the card slot on the top of the device. Press the USB/CARD button on the device and select MCR.

For functions, refer to **USB**.

MENU SETTINGS

General instructions for the setup menu

- Press the **SETUP** button to open the main menu.
- Use the **LEFT** or **RIGHT** navigation button to select a submenu (yellow). Press **DOWN** button or **ENTER** to activate the page of the submenu.
- Use the **UP/DOWN** buttons to highlight the desired setting; it will be marked green. On the bottom line there will be a short description of the function. Confirm by pressing **ENTER** or **RIGHT**; the options of this setting will be shown to the right. The currently activated option is marked green. After changing and confirming of a setting, it will be highlighted red.
- Press **SETUP** to exit the setup menu.

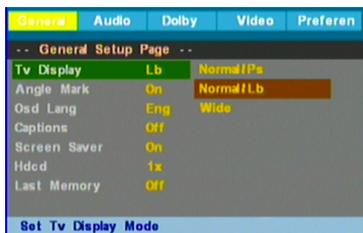
Submenus of the setup menu

General (General Setup Page)

Press **UP/DOWN** and **ENTER** to change the TV display, angle, OSD language, subtitle, screen saver, HDCD and last memory position settings.

TV DISPLAY (TV Display)

Select an option between Normal/Ps, Normal/Lb or Wide.



Screen / Film format	4:3		16:9	
	Full	Letterbox	Wide	
4:3				
16:9				

Note: The actual effect depends on the TV and the video source. Some DVDs contain TV type information, so you cannot change these settings.

CAMERA ANGLE (Angle Mark)



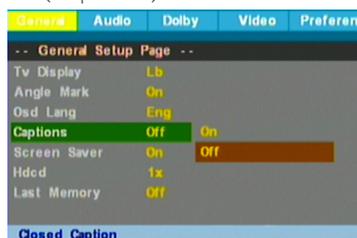
When you activate this function (On), the symbol will appear on the screen, if your DVD contains different camera angle settings. When you deactivate this function (Off), the symbol will not appear.

OSD LANGUAGE (Osd Lang)



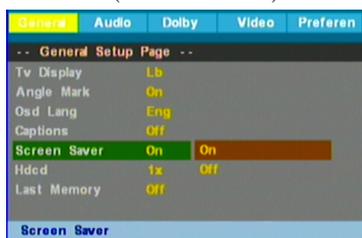
Highlight this setting, and use the navigation buttons to select the desired language. Confirm with **ENTER**; the on-screen menu will be displayed in the respective language.

SUBTITLE (Captions)



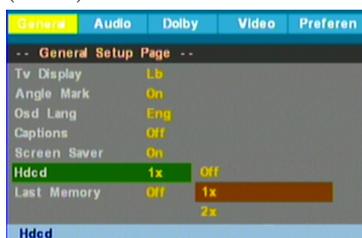
Highlight this setting to activate or deactivate the subtitles (On/Off). When activated, the subtitles will be displayed, if the DVD contains such. When deactivated, the subtitles are not displayed.

SCREEN SAVER (Screen Saver)



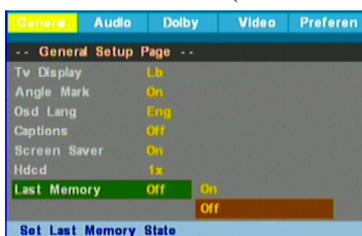
Activate the screen saver (On), in order to prolong the lifespan of the screen. The screen saver turns on, if the DVD player has been idle for several minutes.

HDCD (Hdcd)



Select between 1x and 2x, to achieve high quality and clear effects when an HDMI cable is connected.

LAST MEMORY POSITION (Last Memory)

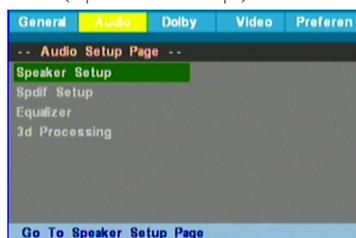


Activate this function (On) for the player to resume playback at the position where it had been stopped. When deactivated (Off), the disc will start playback from the beginning after stopping and resuming playback.

Audio (Audio Setup Page)

Press UP/DOWN and ENTER to change the speaker, SPDIF, equalizer and 3D settings.

SPEAKERS (Speaker Setup)



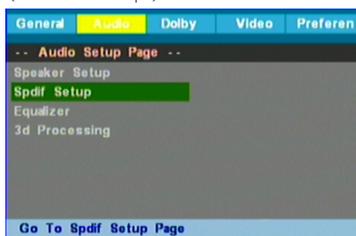
Highlight the setting and display the options by pressing ENTER.

Downmix:

- L/R: Select this option in order to extend from 2-channel to 4-channel with Dolby Prologic Decoder.
- Stereo: Select this option to listen to original music.

Use the LEFT button to return to the audio menu.

SPDIF (SPDIF Setup)



Highlight this setting and confirm with ENTER.

SPDIF Output: This option recognizes the digital audio output format:

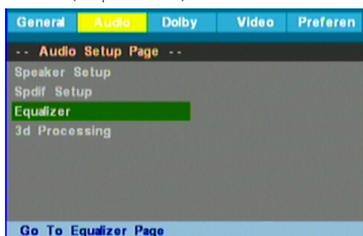
- SPDIF Off: no signal output via coaxial or optical output.
- SPDIF/Raw: Select this option if your DVD player is connected to an amplifier via coaxial (optical) cable. When playing a disc recorded in Dolby Digital, DTS or MPEG audio formats, the respective digital signals will be transmitted via coaxial (optical) output.
- SPDIF/PCM: Select this option, if your DVD player is connected to a 2-channel digital stereo amplifier. When playing discs recorded in Dolby Digital or MPEG audio formats, the audio signals will be converted into a 2-channel PCM signal and transmitted via coaxial (optical) output.

LPCM Out:

Select between three output speeds: 48K, 96K, 128K. When connected to an amplifier, select one of these options to achieve best digital effects. Confirm your settings with ENTER.

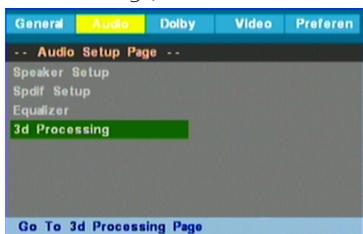
Repeatedly press the LEFT button to return to the audio menu.

EQUALIZER (Equalizer)



Highlight this setting and confirm with ENTER. Select an EQ Type (None, Rock, Pop, Live, Dance, Techno, Classic or Soft). You can also activate (On) or deactivate (Off) the settings Bass Boost, Super Bass and Treble Boost. Confirm your settings with ENTER. Repeatedly press the LEFT button to return to the audio menu.

3D (3d Processing.)



Highlight the 3D setting and confirm with ENTER. For the Reverb Mode, select between 8 different options: Off, Concert, Living Room, Hall, Bathroom, Cave, Arena and Church. Confirm your selection with ENTER.

Dolby (Dolby Digital Setup)

Press UP/DOWN and ENTER to change the Dual Mono and dynamic range settings.

DUAL MONO (Dual Mono)



- Stereo: Listen to original music.
- L-Mono: Only listen to left mono sound-track.
- R-Mono: Only listen to right mono sound-track.
- Mix-Mono: Sound like in cinemas with 2 speaker systems.

DYNAMIC RANGE (Dynamic)



When selecting the full setting (FULL), the peak value of the audio signal is at its lowest. When turning off this setting (OFF), the value is at its highest.

Video (Video Setup Page)

Press UP/DOWN and ENTER to change the Component video, resolution, quality, DivX VOD and HDMI setup settings.

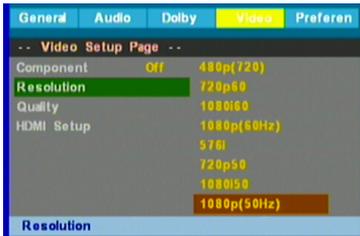
COMPONENT VIDEO (Component)



- Off: Select this setting (Off), if your DVD player uses AV cables for the connection to the TV.

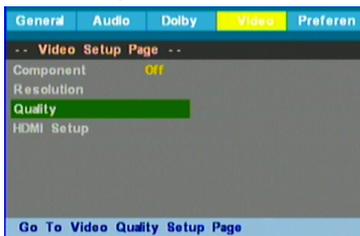
- Rgb: Select this setting, if your player uses a Scart cable for the connection to the TV.

RESOLUTION (Resolution)



Select the desired resolution, in order to achieve excellent video quality on you HDMI or YUV ports. Observe the specifications of your TV, as the picture will otherwise be distorted or non-existent.

QUALITY (Quality)



Highlight this setting and confirm with ENTER. Change Sharpness and Gamma (None, Low, Medium, High). Adjust Brightness, Contrast, Hue, Saturation and Luma Delay, using the LEFT/RIGHT buttons; confirm with ENTER.

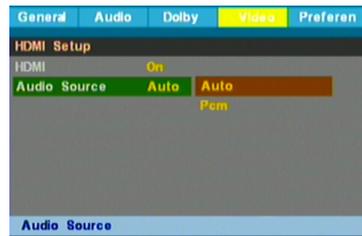
HDMI (HDMI Setup)

HDMI



When connecting an HDMI cable to the TV, please activate HDMI (On), for audio and video to be transmitted.

Audio Source



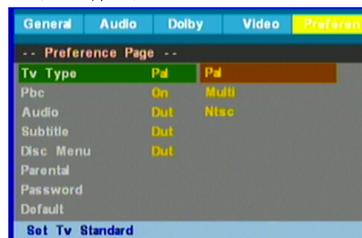
Select the option Auto, then the device will automatically detect the audio source (PCM or RAW). Select Pcm, then the device will only detect the PCM signal. Confirm with ENTER.

Preferences (Preference Page)

Press UP/DOWN and ENTER to edit TV type, Pbc, audio language, subtitle, disc menu, parental control, password and default settings.

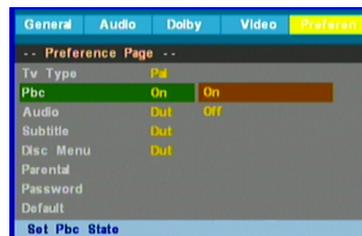
Note: These options will be activated, when no disc is playing.

TV TYPE (TV Type)



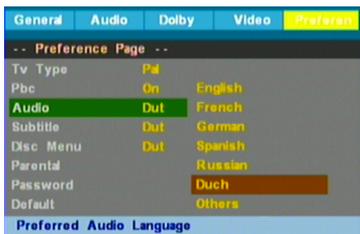
Pal, Auto, Ntsc: Select one setting with the navigation buttons and confirm with ENTER. Adjust the settings in accordance with your TV system.

PBC (Pbc)



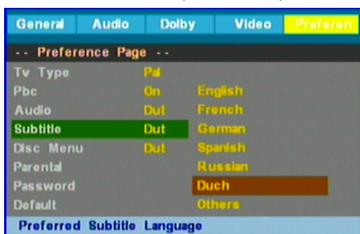
Some VCD/SVCDs support the playback control function. Activate PBC (On), then you can use the number buttons to enter the title number during playback.

AUDIO LANGUAGE (Audio)



This setting allows you to change the audio language, using the navigation buttons. Confirm with ENTER. If the played disc contains the selected language, the disc will be played in that language. Select between: English, French, German, Italian, Spanish, Portuguese, Russian, Romanian and Others.

SUBTITLE LANGUAGE (Subtitle.)



This setting allows you to change the subtitle language, using the navigation buttons. Confirm with ENTER. If the played disc contains the selected language, the subtitles will be displayed in that language. Select between: English, French, German, Italian, Spanish, Portuguese, Russian, Romanian and Others.

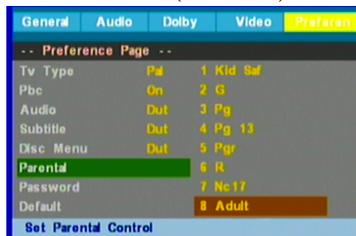
DISC MENU (Disc Menu)



This setting allows you to change the menu language, using the navigation buttons. Confirm with ENTER. If the played disc contains the selected language, the menu will be displayed in that language. Select between: English, French, German, Italian, Spanish, Portuguese, Russian, Romanian and Others.

Note: If the language selected by you is not available, the disc will be played in its default language.

PARENTAL CONTROL (Parental)



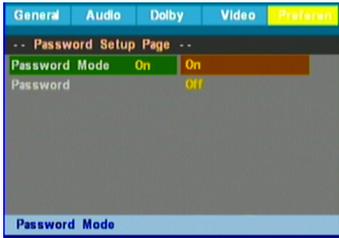
Use this function to prevent your children from watching violent or sex-related movies.

There are 8 ratings: 1 Kid Saf, 2 G, 3 Pg, 4 Pg 13, 5 Pgr, 6 R, 7 Nc17, 8 Adult. Rating 1 allows every person of any age to watch a movie. Rating 8 only allows adults to watch a certain movie.

Note: If the password mode is locked (On), you may only change the ratings after entering the password. When prompted, enter the password. If the password is correct, the field OK will be highlighted automatically. Confirm with ENTER. If the password mode is not locked (Off), the ratings are not active.

PASSWORD (Password)





Per default, the password mode is locked, which means you will not be able to change the parental control ratings or the password.

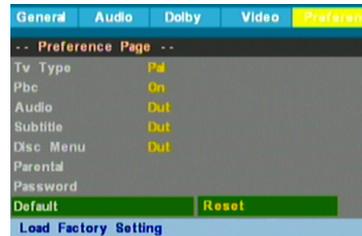
If you wish to change the parental control ratings, you have to enter the password first; default password is 8888; confirm with ENTER.

If you wish to change the password, you have to enter the old password first (Old Password). If correct, the box of the new password (New Password) will be highlighted green. Enter the new password. When

you have entered a 4-digit, the box Confirm Pwd will be highlighted green. Enter the new password again. If both match, Ok will be highlighted; confirm with ENTER to apply the new settings.

Caution: Remember the new password; otherwise you will not be able anymore to change the parental control settings. In case you cannot remember your password, please contact your dealer or our company.

DEFAULT SETTINGS (Default)



Select this setting and highlight Reset, in order to reset all setup settings to default.

RADIO

Tuning on the radio

Unwind the included antenna cable and connect it to the FM ANT jack right on the back of the device. Press the FUNCTION button on the front panel or remote control to turn on the radio.

Searching stations

Press the ►►/CH+ or ◀◀/CH- buttons on the front panel or ►►/◀◀ on the remote control, to search for stations forward or backwards.

Auto search

Press the AUTO button on the front panel or SEARCH button on the remote control to start searching. Press the stop button to stop auto search.

Switching on stations

Shortly press the ►► / ◀◀ buttons on the remote control to tune in stations manually. Press and hold the ►► / ◀◀, to search at fast speed. When you have found a station, release the buttons.

Mono/Stereo

Use the ST/MO button on the remote control to set mono or stereo.

CD RIPPING

You can use this feature to convert audio CD into MP3 file. Firstly put an audio CD in the palyer, then insert the USB key into the USB port, after the CD has been read, press the SUBTITLE button of your remote controller, you will see a Pop Menu. Press the left, right, up and down buttons to get the item you want to select. There are three options:

Normal options, Summary options, Track options.

-Normal options

Speed: you can press the enter button to change the encode speed, there are two speeds (Normal and fast)

Notes:

When you select fast mode, you will not hear music in REC process

Bitrate: You can press the enter button to select the encode bit rate (96-128Kbps).If you select higher bit rate, you will get better sound quality, but it will occupy more space of you USB at the same time.

Create ID3: ID3 TAG information will be written into the new MP3 file.

Device: Storage option

-Summary options

The summary options include the select track and select time.

-Track Options

Use the left and right button to make your cursor on the Select All or select none, press enter button the select or unselected the track which you want to convert. For example: in the below picture, the track.1 is the track you want to make CD ripping.

CD RIP	
OPTIONS	TRACK
Speed Normal	track01 03:48
Bitrate 128kbps	track02 04:55
Create ID3 Yes	track03 04:49
Device None	track04 04:37
SUMMARY	
Selected Track 0	track05 04:18
Selected Time 00:00	track06 04:36
	track07 03:29
Start	Exit Select All Select None

Then choose the start to press the enter button, it begin to make CD ripping. Sometimes maybe you have not selected the track, so the CD RIPPING will not work.

Start

If you have selected, the summary or the track will be on the screen. Then press the enter button to begin. And the Track progress and total progress information will display.

CD RIP	
Ripping	Selected Track
TrackProgress	track01 0%
Total Progress	
Cancel	
SUMMARY	
Now Ripping...	
Track 01/01	

If the file name is the same as the file in your USB, then a note will display "The file has existed, Replace it or not?" You can select OK to continue your CD Ripping, and select cancel to exit.

Exit

Make the cursor on the QUIT, press the enter button to quit CD ripping.

Note:

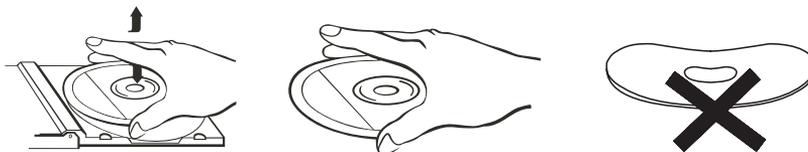
The function is only for home entertainment, it can not be used for commercial purposes!

The law obliges user of CD ripping function posses the original CD, Biostek is not responsible for the copy ripped by a final user without original CD.

DISC CLEANING AND MAINTENANCE

Handling of CDs

- * Remove the CD from its cover.
- * Do not touch the surfaces.
- * Do not attach stickers to CDs and do not write on them.
- * Do not bend CDs.



Storage

- * Always store CDs in their cover.
- * Do not subject discs to direct sunlight, dirty, dusty and damp areas or car heaters.

Cleaning

- * Clean CDs with a soft cloth.
- * Clean CDs from the center to the edge.

FROM THE CENTRE TO THE EDGE



CORRECT



INCORRECT

TROUBLESHOOTING

To solve the common problems, read and follow the troubleshooting list. If you still cannot solve the problem, consult your nearest service dealer.

PROBLEM	SOLUTION
No power	<ul style="list-style-type: none"> • Check if the mains cable has been properly connected to the wall socket. • Check if the mains switch has been turned on.
No picture	<ul style="list-style-type: none"> • Check if the system connections have been carried out properly and securely. • Check if any of the connection cables has been damaged. • Clean the disc. • Check if the TV is turned on. Use the remote control of the TV to switch on AV mode.
No audio	<ul style="list-style-type: none"> • Check if the TV and amplifier are turned on and set up correctly. • Check if the system connections of TV and amplifier have been carried out securely. • Use the LANGUAGE button on the remote control to try another audio setting. • Check if the sound of the device, TV or amplifier has been muted (MUTE). • The sound is off during REWIND/FAST FORWARD/PAUSE/FREEZE IMAGE/ SLOW MOTION modes.
No full picture	<ul style="list-style-type: none"> • Adjust the screen format in the DVD menu.
Screen	<ul style="list-style-type: none"> • Change the screen format of the player in the SETUP MENU. Please refer to chapter "MENU SETTINGS" in this manual.
No SKIP or SEARCH functions	<ul style="list-style-type: none"> • Some discs do not support skipping or searching during certain sections of the disc, especially not during the WARNING SECTION. • Discs with only one chapter or track do not support these functions.
Remote control not functioning	<ul style="list-style-type: none"> • Point the remote control to the IR sensor on the device. • Check if the batteries of the remote control match the correct polarity. • Replace the batteries of the remote control.
Malfunctions	<ul style="list-style-type: none"> • If the device experiences malfunctions, turn off the device, disconnect the plug and wait for 30 minutes. Then turn the device back on again; the device should perform its reset automatically.

If you cannot solve a PROBLEM with one of the measures in this table, please contact a qualified customer service. NEVER attempt to remove the cover (backside) or to repair the device by yourself.

TECHNICAL SPECIFICATIONS

FEATURE	SPECIFICATION	
Video formats	MPEG1/2/4, JPEG	
Audio formats	LPCM/Dolby Digital/MPEG2/MPEG1 Layer 2/3	
Disc types	DVD/VCD/SVCD/MP3/Kodak-CD	
TV system	PAL/NTSC/AUTO	
Audio	Frequency range	CD: 20Hz-20KHz (EIAJ)
		DVD: 20Hz-22KHz (48K)
		20Hz-44KHz (96K)
	S/N ration:	90dB
	Harmonic distortion:	<0.05%
	Dynamic range:	>85dB
Interfaces		HDMI output (1080p)
		Video output
		Coaxial output
		Scart output
		ML/MR
		FM radio
General data	Operating temperature	+5°C to 40°C
	Power supply	100-240V~ 50/60Hz
	Power consumption	<30W
	Weight	2.2 kg (3 kg incl. packaging)
	Dimensions	400x200x56mm
	FM frequency range	87.5-108MHz
	Speaker impedance	4 OHM
	Speaker output power	100W PMPO
	Remote control	2xAAA (UM-4, R03), not included

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.