AMN250UC Manual

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1. Intended use

The DVD Micro System plays music from CDs and music, videos and photos from DVDs and USB. The appliance also plays photos from Kodak picture CDs. Read the manual carefully before the first use.

DVDs and DVD appliances are manufactured under the worldwide agreed DVD regional code system that the appliance will operate only with corresponding disc of the same regional code. If the code number on the label of a DVD does not match that on the label alongside, the DVD will not play on this appliance.

The appliance has built in copyright protection technology that prevents copying from a disc to any media. If a video recorder is connected to the appliance, the video output image will be distorted during recording.

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.

The product complies with Kodak picture CD format and will display Kodak picture CDs. The "KODAK Picture CD Compatible" logo is a trademark of Eastman Kodak Company and is used with permission.

Because of the great variety of products with USB ports and their sometimes quite manufacturer-specific functions we can neither guarantee that all devices will be recognised, nor that all operating options that are possible in theory will actually work.

2. Safety

2.1. Labels in this manual

⚠️

WARNING A warning means that injury or death is possible if the instructions are not obeyed.

⚠️

CAUTION A caution means that damage to the equipment is possible.

ℹ️

A note gives additional information, e.g. for a procedure.

2.2. General safety instructions

⚠️

WARNING Do not put force on the appliance. The appliance can fall and can cause serious injury.

⚠️

CAUTION Do not spill any liquid on the appliance.

⚠️

WARNING Do not insert any objects in the ventilation holes.

⚠️

CAUTION Do not block the ventilation holes.

ℹ️

This appliance is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate.

CLASS 1
LASER PRODUCT

This appliance employs a laser system. To prevent direct exposure to the laser beam, do not open the appliance. Visible laser radiation when open and interlock defeated.

3. Preparations for use

3.1. Unpacking

- Unpack the appliance carefully.
- Check the package contents as described below. If any item is missing, please contact your reseller.
- Remove the labels from the front panel carefully if present.

ℹ️

We recommend that you retain the original carton and packing materials in case it ever becomes necessary to return your product for service. This is the only way to safely protect the product against damage in transit. If you do dispose of the carton and the packing materials, please remember to recycle with due care to the environment.

3.2. Package contents
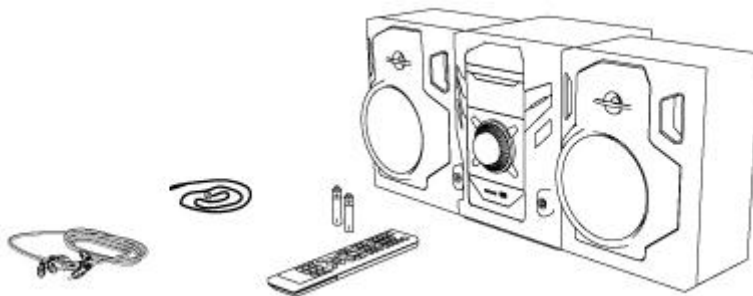
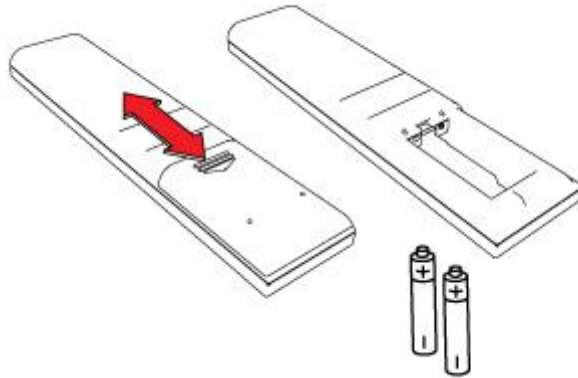The following items are included in the received package:

1x AMN250UC DVD Micro System
2 x Speaker
1 x Remote control
2 x Batteries (AAA)
1 x A/V cable
1 x FM antenna

ℹ️

If any item is missing, please contact your reseller.

4. Installation

4.1. Install batteries

Install batteries

- Remove the battery cover.
- Insert the batteries matching the (+) and (-) polarity markings.

⚠️
CAUTION Incorrect installation can cause battery leakage and corrosion which will damage the appliance. Corrosion, oxidation, battery leakage and any other gradually acidic defect of this nature will invalidate the guarantee.

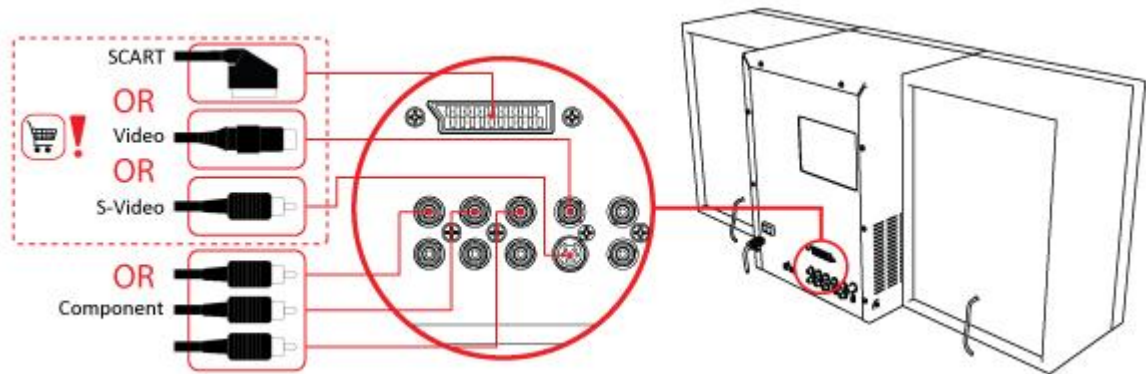## 4.2. Connecting the system

Connect the speakers to the appliance.
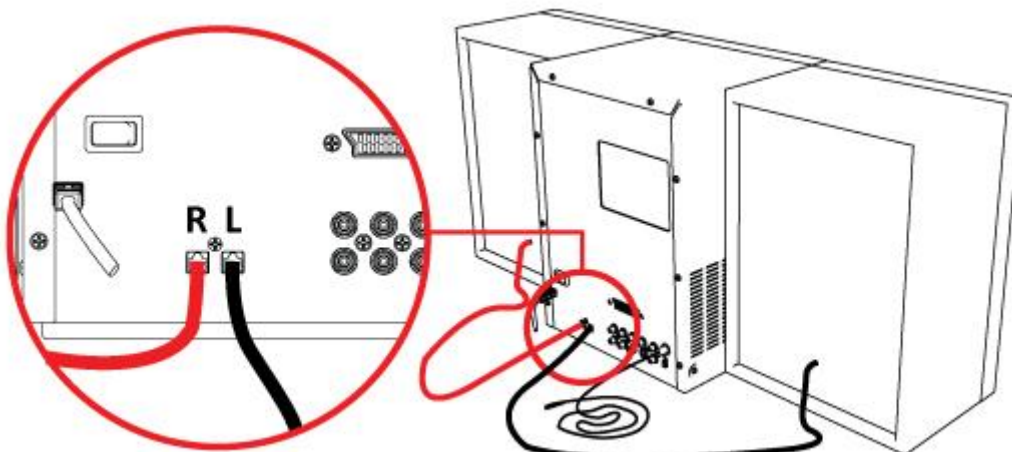
4.3. Connecting random equipment

Connect the tv

- Use one of the cables as presented in the image below.

To connect the aerial to the appliance:

o Insert an FM aerial or a suitable cable into the connection.
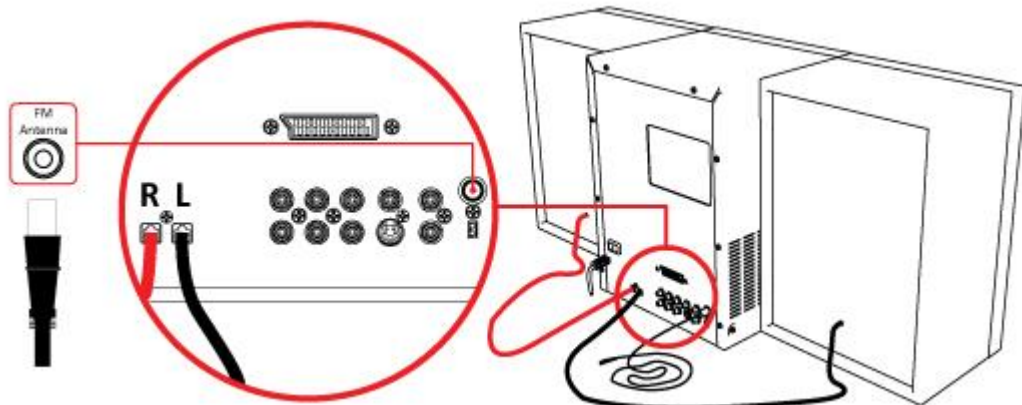
4.4. Connecting to the mains

Connect the appliance to the mains.

Switch on the appliance.

ON OFF
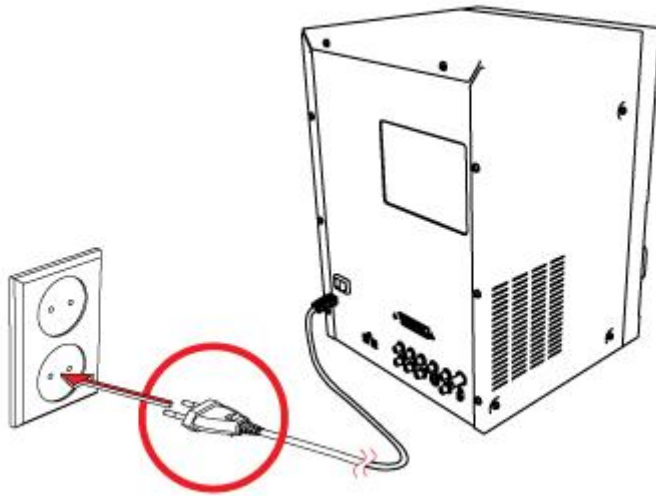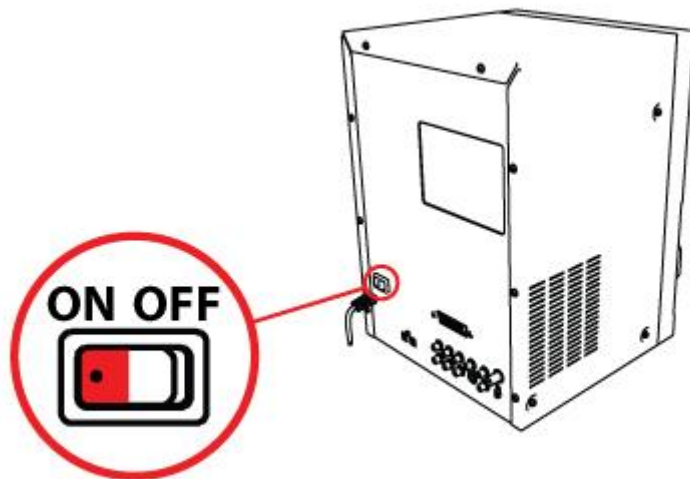
5. Functions

5.1. Remote control
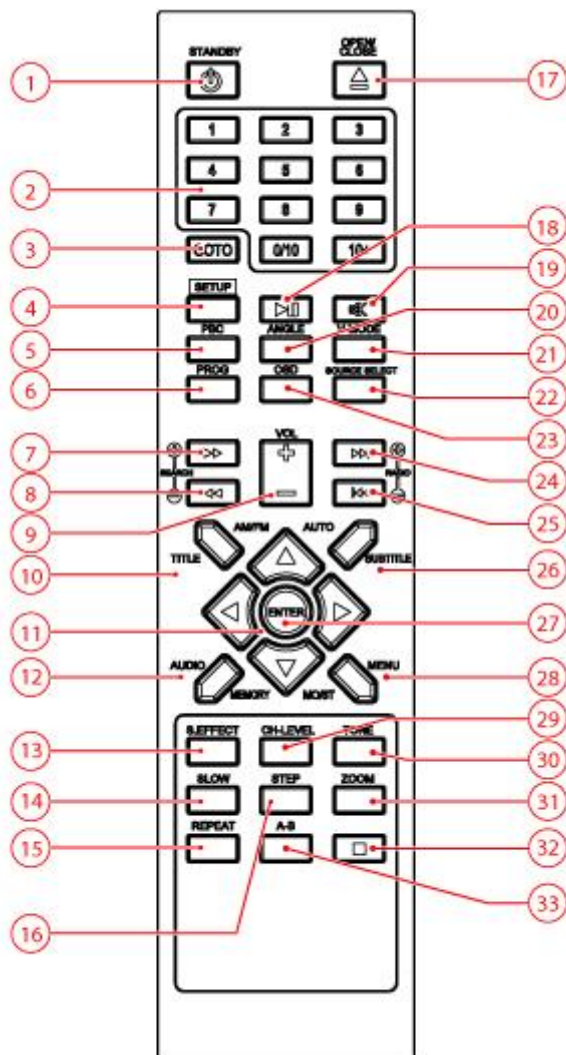
1. STANDBY button
2. Digit buttons
3. GOTO button
4. SETUP button
5. PBC button
6. PROGRAM button
7. VOLUME button (+/-)
8. FAST FORWARD button
9. FAST REWIND button
10. TITLE button
11. Arrow buttons
12. AUDIO button
13. S.EFFECT button
14. USB button
15. REPEAT button
16. STEP button
17. OPEN/ CLOSE button
18. PLAY/ PAUSE button

19. MUTE button
20. ANGLE button
21. V-MODE button
22. SOURCE SELECT button
23. OSD button
24. NEXT button
25. PREVIOUS button
26. SUBTITLE button
27. ENTER button
28. MENU button
29. CH-LEVEL button
30. TONE button
31. ZOOM button
32. STOP button
33. A-B button

Radio

1. STANDBY button
2. Digit buttons
8. SEARCH (+/-) button
11. MEMORY button
23. RADIO (+/-) button
24. AUTO button
26. MO/ST button
30. STOP button

5.2. AMN250UC DVD Micro System
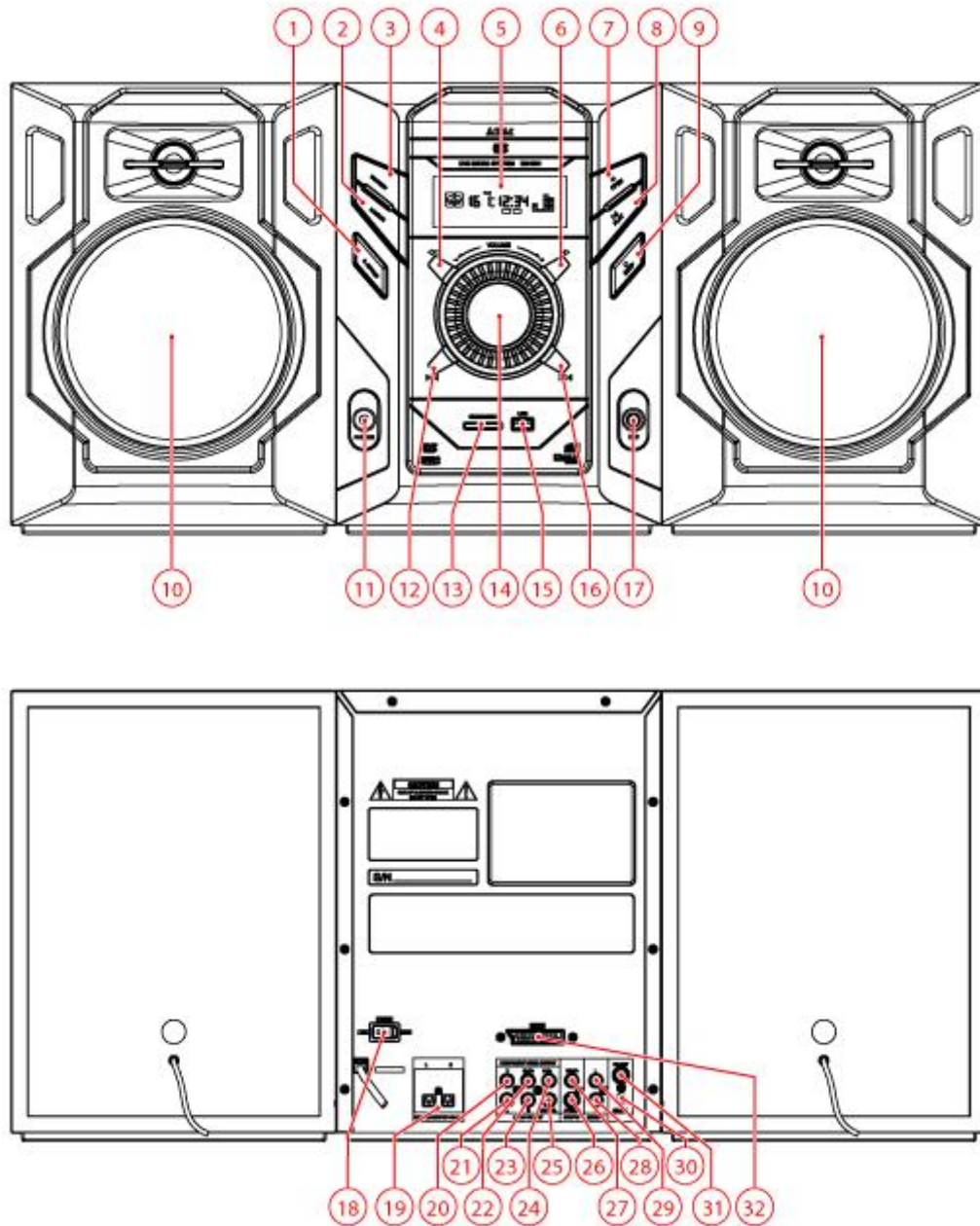
1. SOUND EFFECT
2. SOURCE
3. STANDBY
4. FAST REWIND
5. DISPLAY
6. FAST FORWARD
7. OPEN/CLOSE
8. PLAY/PAUSE
9. STOP
10. Loudspeaker
11. HEADPHONE
12. PREVIOUS

13. MEMORY CARD
14. VOLUME (+/-)
15. USB
16. NEXT
17. MICROPHONE
18. ON/OFF
19. SPEAKER OUTPUT
20. Y
21. AUDIO OUTPUT (L)
22. CB/PB
23. AUDIO OUTPUT (R)
24. CR/PR
25. COAX
26. S-VIDEO OUTPUT
27. VIDEO OUTPUT
28. LINE IN (R)
29. LINE IN (L)
30. AM ANTENNA
31. FM ANTENNA
32. SCART

6. Operation

All functions of the appliance are accessible using the remote control. All instructions refer to operation with the remote control, unless indicated otherwise.

6.1. Quick start
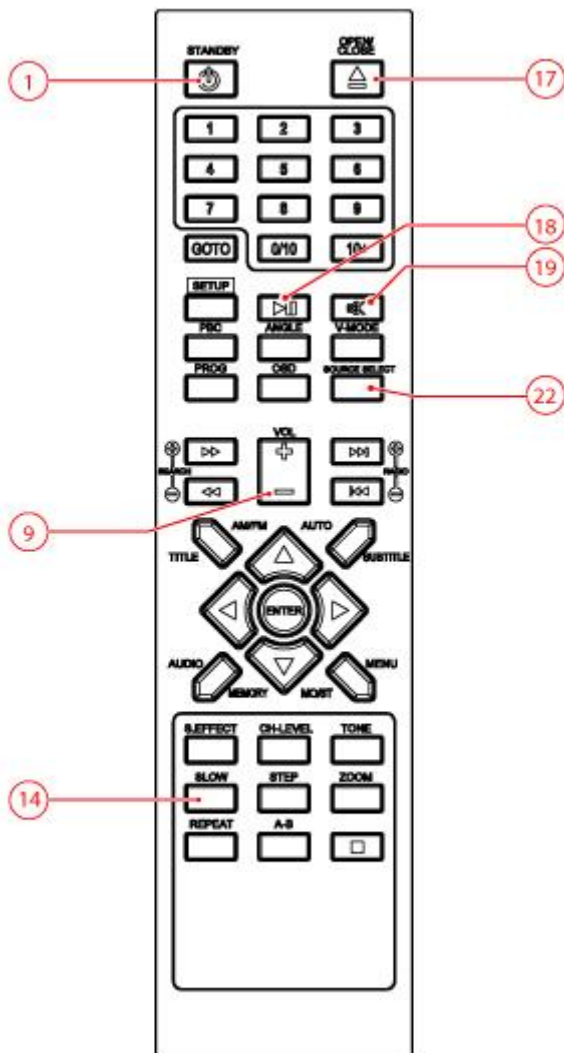
General functions

- Set the appliance in the standby mode.
- To switch on the appliance, press the STANDBY button (1). To switch back to the standby mode, press the STANDBY button (1) again.
- Use the SOURCE (22) key to select LINE-IN, DVD, or TUNER.
- To adjust the volume, press the VOL + button or the VOL - button (9).
- To mute or restore sound, press the MUTE button (19).

DVD/CD functions

- Turn on the television.
- Switch on the appliance.
- To select the source mode DVD, press the SOURCE button (22).
- Place a disc in the disc tray Press the OPEN (17) button (on the appliance) to open the disc tray.

The display shows the total number of tracks on the CD.

- To start playback, press the PLAY/PAUSE button (18) once.
- For extended instructions, read the paragraph DVD/CD functionsfurther on in this manual.

Tuner functions

- Switch on the appliance.
- To select the source mode TUNER, press the SOURCE button (22).

LINE-IN

- To select the source mode LINE-IN, press the SOURCE button (22).
- Connect the external appliance to your AMN250UC Mirco DVD System.

USB and Memory card functions

- Turn on the television.
- Switch on the appliance.
- Insert the USB device in the slot . The device can only be connected one way.
- To select the source mode DVD, press the SOURCE button (22).
- Press the USB button (14).
- To start playback, press the PLAY/PAUSE button (18) once.
- For extended instructions, read the paragraph "USB and Memory card" further on in this manual.

6.2. General setup menu operation
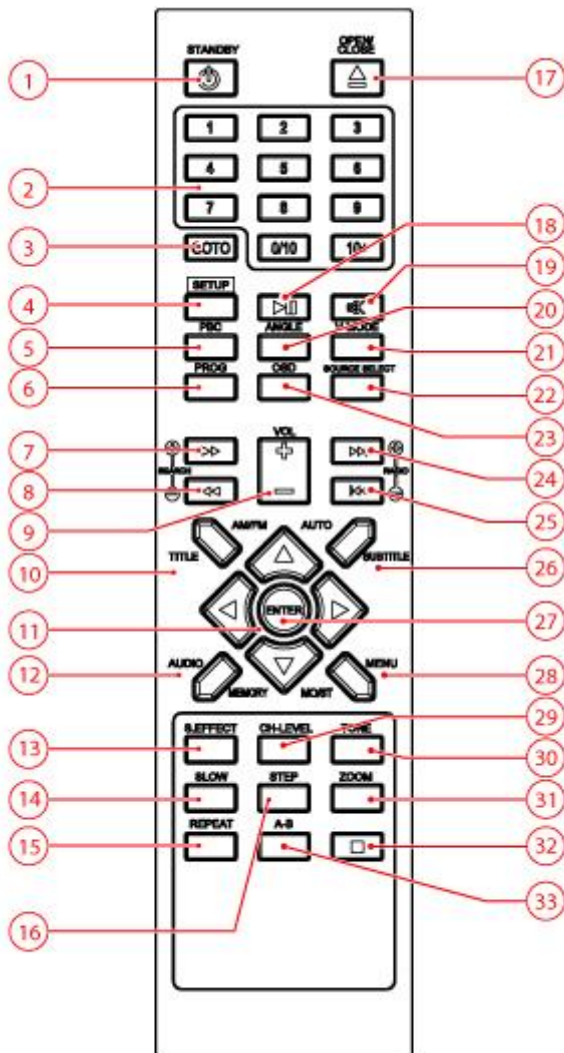
This chapter explains a complete setup of the appliance: settings of screen display, audio setup and video setup.

General settings menu
To change the initial settings
The following actions have to be carried out with the remote control.

- Press the SETUP button (4).
- Press the arrow buttons (left and right) (11) to select a menu. The submenu is displayed directly.
- Press the arrow buttons (up and down) (11) to scroll through the submenu.
- Press the ENTER button (27) to select a setting, or the left arrow button to cancel the selection.
- Press the SETUP (4) button to store the settings and exit.

Picture format

In the TV DISPLAY section, press the arrow buttons (11) to select 4:3 4:3 PANSCAN or 4:3 LETTERBOX for a conventional TV set. Select WIDE SQUEEZE for a wide screen TV set.

In the ANGLE MARK section, press the arrow buttons to switch this function ON or OFF. When switched ON, the appliance shows the angle mark when multi-camera angles are available.

OSD LANG

- In the OSD LANG section, press the arrow buttons to choose the language.

In the CLOSED CAPTIONS section, press the arrow buttons to switch this function ON or OFF. When switched ON, the appliance shows hidden text when it is available.

Screensaver on/off.
The screensaver will be turned on automatically when there is no picture.

last memory: on/off
When the DVD is paused, playback will automatically resume from where last stopped.

Audio setup page
Speaker settings
DOWNMIX: Select LT/RT to mix 5.1-channel audio into left channel and right channel. Select STEREO to mix 5.1 channel audio into signal stereo.

DIGITAL OUTPUT
Select SPDIF RAW to set the digital audio signal output to its raw format (DTS/Dolby Digital 5.1).
Select SPDIF OFF to switch off the digital audio signal output.
LPCM OUTPUT
LPCM OUT: When PCM ONLY is set, the LPCM OUT function provides a sample rating for the analog audio input (48 kHz or 96 kHz).

High Definition Compatible Digital (HDCD)
Select the value (2x, 1x or OFF) for full sound richness of HDCD-encoded CDs.

Karaoke setup
MIC: To switch the connected microphone on or off.
MIC VOL: To adjust the volume level of the microphone.
ECHO LEVEL: To adjust the echo level of the microphone.

Dolby digital audio setup

DUAL MONO
STEREO: for stereo effect.
R-Mono: right channel only.
L-Mono: left channel only.
Mix-Mono: the average of both the left and right channel.

This function is only available for Dolby AC-3 encoded 2-channel discs.

DYNAMIC

Select the value for the dynamic range compression to avoid losing sound details resulting from a low volume.

Video setup page

RESOLUTION: select the desired resolution.
OFF: Select this format when the Composite video output is used.
YUV: Set the video output in analog component video format.
P_YUV: Select this format when the Component output is used and to send the video output in progressive signals.
RGB: Set the video output in RGB format when SCART output is used.

SHARPNESS: Adjust the screen sharpness.
BRIGHTNESS: Adjust the screen brightness.
CONTRAST: Adjust the contrast of the image.
HUE: Adjust the colour intensity.
SATURATION: Adjust the saturation of the image.
GAMMA: Adjust the colour intensity.

Preference setup page

Select the video output format to match the appliance to the TV system: PAL, AUTO or NTSC.
The video output format can only be selected when the DVD tray is empty.

Please note: if the wrong option has been selected, this may result in very poor image quality. In that case, select a different setting.

PBC (Playback Control)

Press the PBC button (5) to switch on the playback function.

Language setup page

In the SUBTITLE section, choose the subtitle language.
In the AUDIO section, choose the audio language.
In the DISC MENU section, choose the language for the disc menu.

Rating setup page
PARENTAL

- Set a rating for movies played by the appliance. Movies rated higher than the level set for the parental lock can not be viewed.
- The password to reset the rating is 136900.

ℹ️

This function is only available with discs that have parental rating encoded.

SET PASSWORD
Change the default password. Enter the current password in the first box. Enter the new password in the second box. Enter the new password again in the third box to confirm.
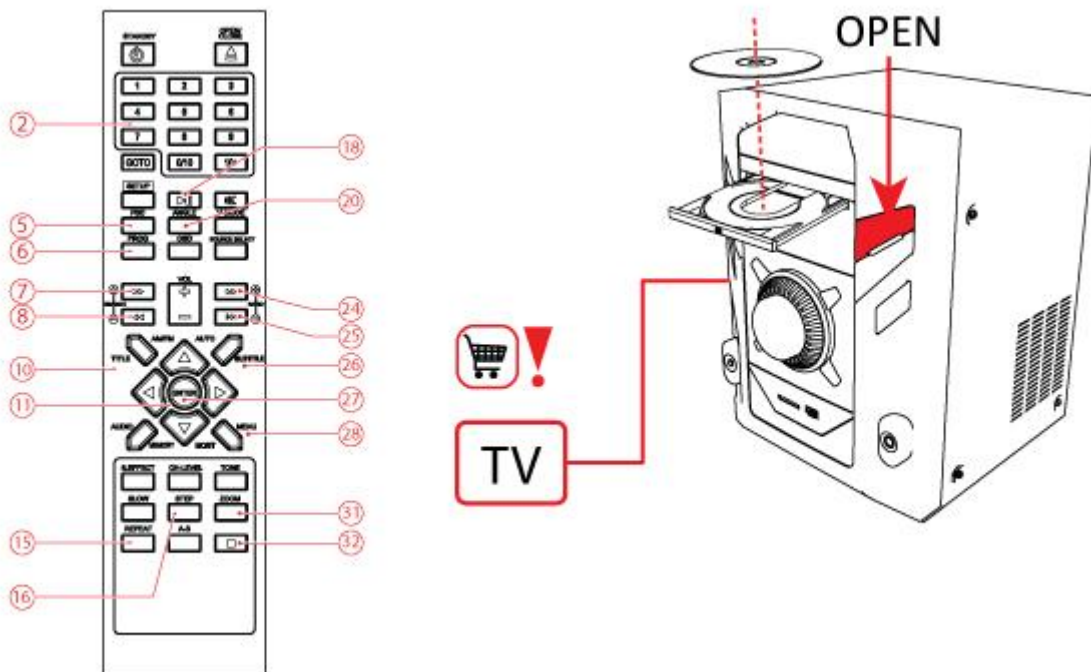
ℹ️

The default password (136900) is always active. Even if the password has been reset.

DEFAULT
Restore all default settings of the appliance, except the settings for the menu items PARENTAL and PASSWORD.

6.3. DVD/CD functions

Preparation

- Turn on the television.

After the disc has been loaded, a content menu will display on the TV screen.

- Press the arrow buttons (11) to select a menu item.
- Press the ENTER button (27) to enter the selected menu item.

During playback, the following functions are available:

- To select a chapter (DVD) or track (CD), press the digit buttons (2).
- To select the next or previous chapter (DVD) or track (CD), press the PREV button (25) or the NEXT button (24).
- To forward or rewind the DVD, press the FWD button (7) or the REV button (8). The available speed rates are: 2x, 4x, 8x, 16x, 32x.
- To pause playback, press the PLAY/PAUSE button (18) once; to resume playback, press the button again.
- To stop playback temporarily, press the STOP button (32) once. Press the button again to stop playback permanently, or press the PLAY/PAUSE button (18) to resume playback.

To repeat a chapter (DVD) or one or all tracks (CD):

- - Press the REPEAT button (15) once to repeat the current chapter or track.
- - Press the button twice to repeat all chapters or tracks.
- - Press the button three times to cancel the function.
- - Press the button once again to exit the REPEAT function.
- To play the DVD frame by frame, press the STEP button (16). Press the PLAY/PAUSE button (18) to resume normal playback.
- To view a specific title of a DVD, press the TITLE button (10). Use the arrow buttons to select the title.
- To switch on the subtitles of a DVD, press the SUBTITLE button (26). Press the button again to switch off the subtitles.
- To select the camera angle, press the ANGLE button (20).

Please note:

- Normally, if an MP3 disc is loaded, the unit will take longer time to read the initial data.
- A DVD that does not match the region code cannot be read by this appliance.
- If a disc contains mixed content (e.g. MP3 and video files), the appliance will only recognise, list and play one content type.

Using the PROGRAM function

- Press the PROGRAM button (6) to enter the PROGRAM function.
- Press the digit buttons (2) to select a desired track, and use the arrow button down (11) to highlight the next entry.
- To confirm the selection and start the program, move the highlight to "START" and press the ENTER (27) button.
- To stop the program, press the PROGRAM button (6) and press ENTER (27).

Using the MP3/MPEG4 playback function

- Insert an MP3/MPEG4 disc. A content menu will display on the TV screen.
- Press the up/down arrow buttons (11) to select a folder or a file.
- Press ENTER (27) to enter the selected folder or file.
- Press the MENU button (28) to return to the content menu during playback.

Using the ZOOM function
This function can be used for zooming in and out on photos and DVDs. The available zoom ratios are: 2x, 3x, 4x, 1/2, 1/3, 1/4.

- Press the ZOOM button (31).
- Press the ZOOM (31) button again to set the correct size.
- Press the arrow buttons (11) to move through the picture.

Using the Kodak picture CD playback function

- Insert a Kodak picture CD.
- Press the STOP button (32) to enter the thumbnail mode. Choose an option (Slide show/Menu/prev-next) and press ENTER (27).
- Select an image using the arrow keys (11). Press ENTER (27) to view the image.
- In the overview with the small images you can also select the functions SLIDE SHOW, MENU, PREV or NEXT. Use the arrow keys (11) to select the desired functions and ENTER (27) to confirm.
- Press the PLAY/PAUSE button (18) to hold the slide show at the current picture.
- Press the PLAY/PAUSE button (18) to resume the slide show.
- Press the PREV or NEXT buttons (24/25) to select the previous or next picture.
- To magnify the picture, press the ZOOM button (31). To zoom in or out on the picture, press the FastForward button (7) or FastRewind button (8). To move the picture, press the arrow buttons (11).
- To flip the image vertical or horizontal, press the up/down arrow buttons (11).
- To rotate the image left or right, press the left/right arrow buttons (11).

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The slide show is paused in the zoom mode. The image rotation and wipe effect functions are not available in the zoom mode.

Using the Video CD playback function

- Press the PBC button (5) to switch on the playback function.
- Insert a Video CD.
- To start playback, press the PLAY/PAUSE button (27) once.
- Press the PBC button (5) to quit the playback and return to the main menu.

6.4. Radio functions
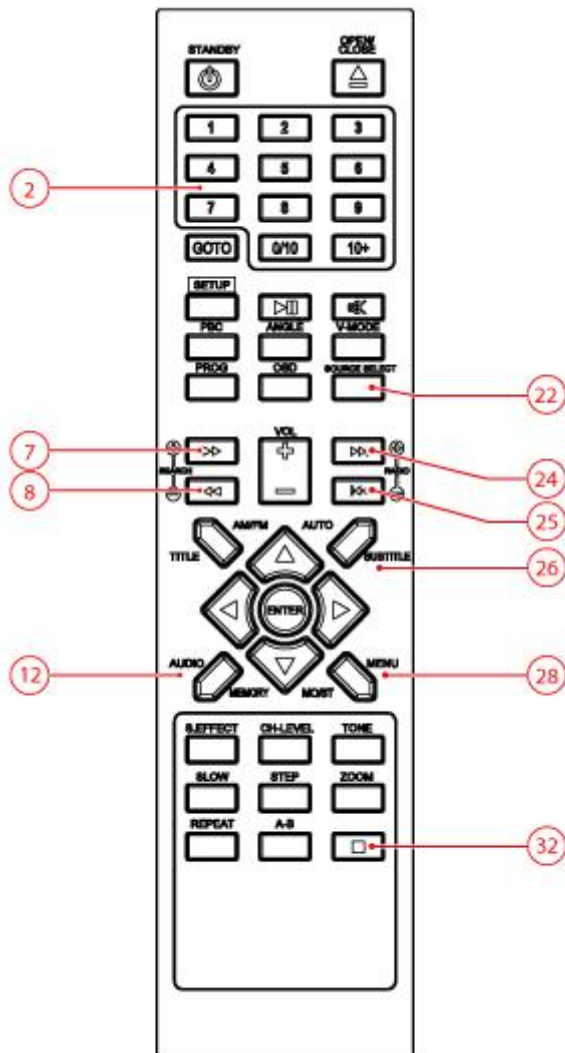
- Press the SOURCE key (22) to select the radio mode.
- To switch between Mono and Stereo reception, press the MO/ST button (28).

Set pre-set stations

- Search for the desired frequency with the SEARCH + button (7) or the SEARCH - button (8).
- Press the MEMORY button (12) when the desired frequency is found.
- Select the desired preset number with the digit buttons (2) to save the frequency as a preset station.
- Use the number keys to set the frequency of the pre-set station.

- To search for frequencies automatically, press the AUTO button (26).
- To stop the automatic search for frequencies, press the STOP button (32).
- To skip to the next preset station, press the RADIO buttons (+ or -) (24/25).

6.5. LINE-IN

- Connect the external appliance to your AMN250UC DVD Micro System.
- To select the source mode LINE-IN, press the SOURCE button (22).

6.6. USB and memory card

Preparation

- Turn on the television.

USB functions

- Insert the USB device in the slot . The device can only be connected one way.
- To select the source mode DVD, press the SOURCE button (22).
- Press the USB/ MEMORY CARD button (14).

Memory card functions

- Insert the SD/MMC device in the slot. The device can only be connected one way.
- To select the source mode DVD, press the SOURCE button (22).
- Press the USB/ MEMORY CARD button (14).

After the device has been connected, a content menu will display on the TV screen.

- Press the arrow button (11)(up and down) to select a folder or a file.
- Press the ENTER button (27) to enter the selected folder or file. You can also use the digit buttons (2) to select a folder or to play the file.
- Press the arrow button (11)(up and down) to select a folder or a file.
- Press ENTER (27) to confirm.
- Press the MENU button (28) to return to the content menu during playback.

During playback, the following functions are available:

- To select a track, press the PREV button (25) or the NEXT button (24) until the desired track is set.
- To pause playback, press the PLAY/PAUSE button (18) once; to resume playback, press the button again.
- To stop playback, press the STOP button (32).
- To remove the device, gently pull it out of the slot.

ℹ️

Due to the great variety of products with USB ports and their sometimes quite manufacturer-specific functions we can neither guarantee that all devices will be recognised, nor that all operating options that are possible in theory will actually work.

6.7. Karaoke function
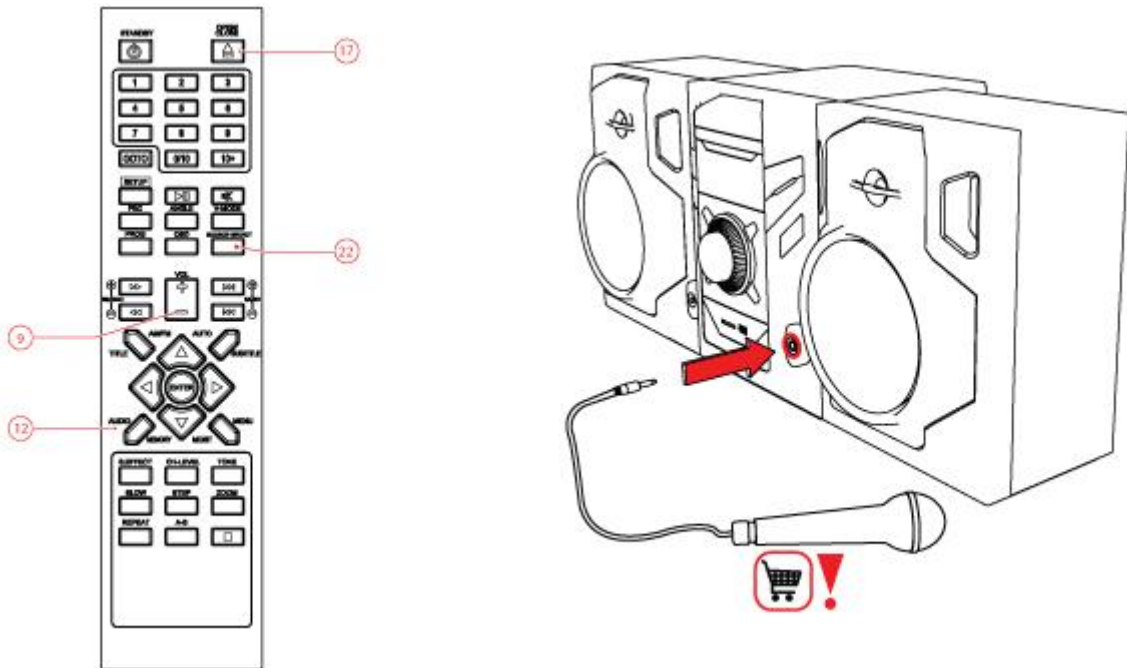
![info icon]
Please note:
Switch the microphone to on in the SETUP menu.

The karaoke function allows you to sing along with your favourite music.

- To connect the microphone, insert the cable plug in the microphone jack.
- Press the OPEN/CLOSE button (17).
- Place a karaoke disc in the disc tray.
- To select the source mode DVD, press the SOURCE button (22).
- Press (12) to include or eliminate the original singing voice.
- To adjust the volume, press the VOL + button or the VOL - button (9).

7. Cleaning and maintenance

⚠️

WARNING Before performing any cleaning or maintenance, switch off and unplug the appliance.
Clean the outside of the appliance with a soft cloth. When the appliance is very dirty, dampen the cloth slightly with water and a neutral solution.

7.1. Handle and care of a disc

- Hold the disc with fingers. Hold the disc outer edge and/or the centre spindle hole. Do not touch the disc surface.
- Do not bend or press the disc. Do not expose the disc to direct sunlight or heating sources.
- Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently, radially, from centre towards the outer edge.
- Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

8. Technical data

AMN250UC DVD Micro System
Voltage: 240VAC / 60 Hz
Power consumption: 100W
Frequency response: +/- 1,5 dB (20Hz ~20KHz)

Disc output
Television system: PAL/NTSC
Frequency range: 20Hz ~20KHz
Signal/noise ratio: >80dB (1kHz)
Dynamic range: >70dB (1kHz)
Distortion: < -60dB (1kHz)
Wow en flutter

Remote control
Battery size: AAA

Radio
Frequency range: 87,5~108 MHz

Supported media formats
Disc types: DVD / CD / CD-DA, V-CD
Picture formats: JPEG / Kodak Picture CD
Video formats: MPEG4, WMA, AVI
Audio formats: MP3

Working environment
Operating temperature: - 10 ~ +35 C(elsius)
Relative humidity: 5% ~90%

9. Disposal of used electrical and electronic equipment

The meaning of the symbol on the material, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical and electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste.

For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

For more information and warranty conditions, please visit: www.akai.eu

Do not dispose of batteries as household waste but take them to a battery recycling facility.