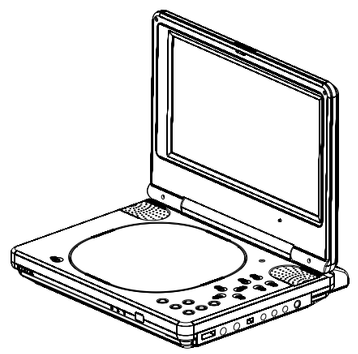
Model: KS5846

INSTRUCTION MANUAL

KOSS®

8.4" PORTABLE DVD PLAYER



Warning

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

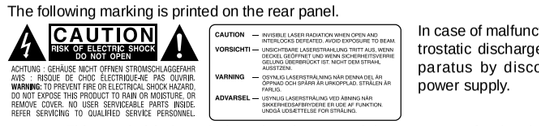
To avoid electrical shock, do not open the cabinet.
Refer servicing to qualified service personnel only.
The AC adaptor must only be changed at qualified service facility.

LASER KLASSE 1
CLASS 1 LASER PRODUCT
APPAREIL LASER
DE CATEGORIE 1

- This appliance is classified as a CLASS 1 LASER product.
- The CLASS 1 LASER PRODUCT MARKING is located on the rear panel.
- This product contains a low power laser device. To ensure continued safety, do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel only.

Caution

The following marking is printed on the rear panel.



In case of malfunction due to electrostatic discharge, reset the apparatus by disconnecting from power supply.

This symbol is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the applicance.

You can help protect the environment!
Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal center.

For rechargeable battery
Attention: Ni MH batteries must be recycled or disposed of properly.

MAINTENANCE AND CARE

Caring for the player

- "The apparatus shall not be exposed to dripping or splashing" and that no objects filled with liquid shall be placed on the unit.
- This kind of electronic products should never be subjected to extreme temperatures or high humidity.
- If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- When the lens in the pick-up gets dirty, malfunctions including the impossibility of playback may occur.
  The lens should be cleaned using a commercially available camera lens blower, etc. Do not touch the lens to prevent damaging the mechanism. Also do not use a lens cleaner or disc cleaner product.
- Never play a cracked or warped disc.

Cleaning the Unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts. Mild soap and a damp cloth may be used on the panel.
- Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc.

Condensation

- If the unit is brought directly from a cold to a warm location, moisture may condense inside the DVD player and cause damage to the lenses. When you first install the unit, or when you move it from a cold to a warm location, wait for 30 minutes before operating the unit.

Disconnect power

- If you are not going to use the player for a long time, be sure to disconnect the power converter from the wall outlet. To disconnect the AC adaptor, grasp the plug itself, never pull the cord.

Before using the player, please ensure that the local AC voltage is suitable for this unit.

IMPORTANT SAFEGUARDS

1. Power sources — Only use the AC/DC power adaptor that is packed with the unit. Using other adapters could seriously damage the unit.
2. 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. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
3. Enclosure removal — Never remove the enclosure.
4. Drop — Do not drop the unit or apply strong shock to it.
5. Ventilation — Avoid hindering the ventilation of the unit, when playing in the car with pouch, ensure is kept the pouch opening.
6. Abnormal smell — If an abnormal smell or smoke is detected, immediately turn the power OFF and pullout the AC adaptor from wall outlet. Contact your dealer or nearest service center.

IMPORTANT SAFEGUARDS (continue)

7. Heat-Avoid placing the unit under direct sunlight or near a source of heat such as heating equipment. Particularly, never leave it in an automobile or on the dashboard.
8. Temperature — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C(41°F).
9. Water and moisture — The unit should not be used near water -for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
10. Vibration — Avoid placing the unit on an unstable place such as a shelf or in a place subject to vibrations.
11. Magnetic fields — keep the unit away from sources of magnetic fie1ds such as TV sets, speaker systems, radio, motorized toys or magnetized objects.
12. Nonuse periods — The AC adaptor of the unit should be unplugged from the outlet when left unused for a long period of time.
13. Damage requiring service-The unit should be serviced by qualified service personnel when:

A. The power-supply cord or the plug has been damaged.
B. Objects have fallen, or liquid has been spilled into the unit.
C. The unit has been exposed to rain.
D. The unit does not appear to operate normally or exhibits a marked change in performance.
E. The unit has been dropped, or the enclosure damaged.

14. Servicing — The user should not attempt to service the unit beyond that described in the operating instructions-All other servicing should be referred to qualified service personnel.
15. CAUTION — TO PREVENT ELECTRIC SHOCK DO NOT USE THE AC PLUG WLTH AN EXTENSLON CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Notes on using through car stereo:
In case of abnormality such as smoke production, immediately unplug the car adaptor from the cigar lighter socket. Do not leave the products or batteries in the car.

Getting started

Unpacking
Unpack the unit and make sure that all accessories are put aside so they will not be lost. We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.
Keep this manual handy for future reference.

- Portable DVD Player. x1
- Battery Pack x1
- User manual. x1
- Remote control handset with battery (CR2025)x1
- AC adaptor. x1

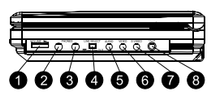
Location of features

Remote Control Unit

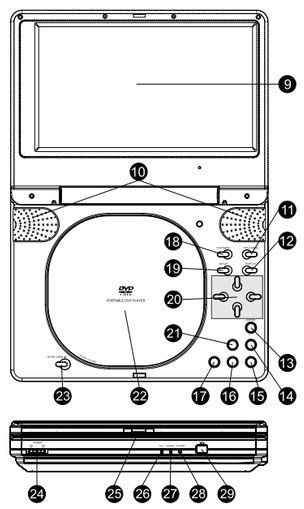
1. KEY LOCK BUTTON
2. NUMBER 0 TO +9 BUTTON
3. DVD MENU BUTTON
4. TITLE MENU BUTTON
5. PBC BUTTON
6. DISPLAY BUTTON
7. NAVIGATION (▲,▼,◀,▶) BUTTON
8. RETURN BUTTON
9. BOOKMARK BUTTON
10. SLOW/R BUTTON
11. PAUSE/STEP BUTTON
12. RANDOM BUTTON
13. MUTE BUTTON
14. REPEAT/REPEAT A-B BUTTON
15. SEARCH FORWARD BUTTON
16. SEARCH REVERSE BUTTON
17. SKIP FORWARD BUTTON
18. SKIP REVERSE BUTTON
19. SLOW/F BUTTON
20. STOP BUTTON
21. PROGRAM BUTTON
22. SEARCH BUTTON
23. ENTER BUTTON
24. PLAY BUTTON
25. SETUP BUTTON
26. 3D BUTTON
27. ANGLE BUTTON
28. SUBTITLE MENU BUTTON
29. AUDIO MENU BUTTON
30. AUDIO MODE BUTTON
31. ZOOM BUTTON
32. CLEAR BUTTON
33. DIGEST BUTTON
34. STANDBY ON/OFF BUTTON
35. SCREEN ON/OFF BUTTON

- Point remote control unit no more than 6m from the remote sensor and within about 30º of the front of the unit.

Main unit



1. VOLUME KNOB
2. PHONES JACK
3. PHONES JACK
4. INPUT / OUTPUT LINE SELECTOR
5. AUDIO JACK
6. VIDEO (COMPOSITE) JACK
7. S – VIDEO JACK
8. DC IN JACK
9. TFT DISPLAY
10. SPEAKERS
11. TITLE MENU BUTTON
12. DISPLAY BUTTON
13. ENTER BUTTON
14. SKIP FORWARD BUTTON
15. PAUSE BUTTON
16. STOP BUTTON
17. PLAY BUTTON
18. DVD MENU BUTTON
19. SETUP BUTTON
20. NETVIGATION (▲/▼/◀/▶) BUTTONS
21. SKIP REVERSE BUTTON
22. DISC COMPARTMENT
23. DISC COMPARTMENT OPEN BUTTON
24. POWER SLIDE KNOB
25. OPEN SLIDE KNOB
26. FULL INDICATOR
27. CHARGE INDICATOR
28. STANDBY INDICATOR
29. REMOTE SENSOR

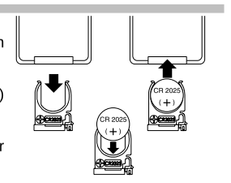


NOTES:
To activate buttons on the UNIT, press and release the button each time. (From button no. 11-21, 23)

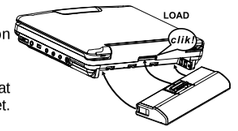
Power Sources

Battery installation (remote control unit)
Note: When start to operate the handset, please pull out the insulation plate directly.

1. Remove the battery cover.
2. Insert one battery (CR 2025) making sure the polarity (**+ / –**) matches the marks inside the unit.
3. Replace the cover.
   Do not attempt to recharge, short-circuit, disassemble, heat or throw the batteries into the fire.

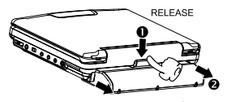


Battery installation (player)
Following the diagrams below, to loading or release the battery.
Note: When release the battery, then push down and hold the lock on backside, put back to release.



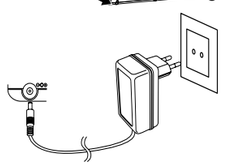
Using AC Adapter for Player
Insert the DC plug at the end of the adapter cord into the DC IN jack at the right side of the player. Then plug the other end into an AC wall outlet.
Notes:

- Only use with the supplied AC adapter. Using with other AC adapter could be damaged.
- Remove both DC plug & AC-IN plug, to disconnect the AC adapter when not necessary.



Charging the Battery
After loading the battery, then refer the step of "Using AC Adapter for player" to connect power converter.
Notes:

- For the kind of Ni-MH rechargeable battery, it will not be fully charged when a battery to be charged first time, please note that the discharging time will be short.
- The battery will be operated normally with normal capacity after 4~5 times of charging and discharging. It is not a defect and abnormal battery.
- After a period of storage, or not use for a period, it will require users to repeat above mentioned steps to get the battery back to normal condition.



- The battery is fully charged for approximately 4 hours after the AC adaptor is connected.

Battery is charging the CHARGE indicator at the front will light on RED. When charging is completed, the FULL indicator will light on GREEN.
Notes:

- Disconnect the AC adapter plugs from both the battery and the AC outlet, when charging is completed or not necessary.
- Battery recharge circuit operates in OFF mode. Switch off the unit for battery recharge.
- When battery is fully charged and released from unit, the CHARGE indicator will light on RED, it means the charge circuit is ON

Battery Low Indication
When using the rechargeable battery to play and the battery is nearly exhausted, the player front "STANDBY" indicator will blinking. In a while, the power will be turned off automatically. Refer "Charging the Battery" to recharge the battery.

Using the Car Adapter (optional)
Plug the small end of the car adapter into the DC IN jack and then plug the other end into the cigarette lighter socket. This indicator lights when the power is on.

Basic Playback

DVD, VCD, Audio CD, MP3-disc Starting playback

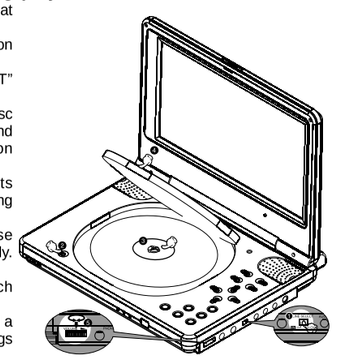
1 To power on the unit, slide the **POWER** knob ON at the unit left then the unit will turn on.
Notes: To select the power source, please refer portion of POWER SOURCE

2 Slide the LINE SELECT IN/OUT to the "OUT" position.

3 Press **OPEN/CLOSE** button, to open up the disc compartment door (OPEN appears on screen) and place the disc with the label side facing front on the disc tray.
Notes: Hold the disc without touching either of its surfaces, placed with the printed title side facing up only.

4 Push down the left front edge on the door, to close secure. The disc will start playback automatically.
Notes:

- Loading the disc in any source mode will switch from the current mode to disc mode.
- For MP3 disc, the disc reading time may exceed a little bit longer, due to the large number of songs complied into one disc.



If playing DVD disc a MENU appears on the TV screen:
Press the (▲/▼/◀ or ▶) Arrow buttons, to select the desired item, then press the **ENTER** button. Playback of the selected item will start.
Note: For more details, please refer to the jacket or case of the disc. If the password is set and the inserted disc is within the Parental Ratings set, then the Password screen will appear, prompting you to enter the password.
If playing MP3-disc, please refer portion of "MP3 Basic Operation".

5 Stopping play
Press the **STOP** button once and Press **PLAY** to continue appears on the screen. The player memorizes the point where you stopped. If you press the PLAY button again, play starts automatically from the point where you stopped. (Resuming Playback)

If the **STOP** button is pressed twice, the screen shows STOP(■) then the player stops completely.
Note: Some discs may not start resuming playback.

6 Adjust the volume knob to a comfortable level.
Note: When in play mode, the "STANDBY" indicator is blinking, the battery is nearly exhausted. Refer "POWER SOURCE" to recharge the battery.

CONNECTIONS

Connect headphones to player headphone jack.
CAUTION: Listening at high power for a long moment could damage user's ears.

Connect the DC plug
Connect the DC plug at the end of the adapter cord, or connect the Car Adapter (optional) into the DC IN jack, then plug the other end into the car cigarette lighter socket.

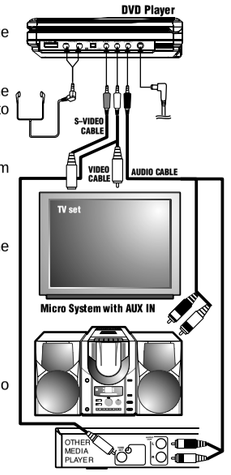
SYSTEM CONNECTION
Use audio cable (Red / White), video cable (Yellow) to connect from player to TV set and amplifier.

CONNECT THE PLAYER TO TV SET BY AUDIO / AV CABLE (cables not included)
Use audio cable (Red / White), video cable (Yellow) to connect the player and TV set.

CONNECT THE PLAYER TO TV SET BY S–VIDEO CABLE (cables not included)
Use S-Video cable to connect the player and TV set.

CONNECT OTHER MEDIA TO THE PLAYER (cables not included)
Use audio cable (Red / White), video cable (Yellow) to connect from other media to player
Notes:

- Slide the Line Select switch to " IN "



Notes for cable connections:

- Audio cable (one end with small plug, and two end with Red / White RCA plug.)
- Video cable (one end with small plug, and one end with Yellow RCA plug).
- S-Video cable (one end with small plug, and one end with S-Video plug).

Turn off the power and keep DC cord pulled out from the adapter when connecting the system

Basic operation

Panel Key Lock
Press **KEY LOCK** Button: "Key Lock On" Appears on TV screen, then the function keys on main unit are disable except power button.To make all buttons available again, press **KEY LOCK** button again.

Skip and Searching

1 **SKIP REV(⏮) and FF(⏭) button:**
Press these buttons to go to the previous/next chapter (DVD) or track (CD).

2 **SLOW/F, SLOW/R button:**
Press this button to select slow-motion forward or rewind playback at 1/2,1/4,1/8,1/16 normal speed without sound.

NOTE: This player does not support slow-motion for playback audio CD & MP3-disc, and slow-motion re-wind (SLOW/R) does not support playback VCD disc and " ⃠ " will appear on the TV screen.

3 **PAUSE/STEP (⏸) button:** Press button once to pause the picture.
Repeatedly press the **PAUSE/STEP (⏸)** button to play the DVD one frame at a time.

4 **SEARCH REV(⏪) and FF(⏩) button:** These buttons allow searching ahead/back at 4-level speeds
1st press: x2 ➡ 2nd press: x4 ➡ 3rd press: x8 ➡ 4th press: x16

Note: Press the **PLAY (▶)** button to resume normal playback.

Title/Chapter Search
Use this feature to directly go to a specific title and/or chapter.
Press the **SEARCH** button once. Press the (◀ , ▶) buttons to select the TITLE, then use the numeric buttons to select the desired title number.
Press the (◀ , ▶) buttons to select the CHAPTER, then use the numeric buttons to select the desired chapter number.

Title/Time Search
Use this feature to directly go to a specific title and/or time.
While in the playing mode, press the **SEARCH** button twice. Press the (◀ , ▶) buttons to select the TITLE, then use the Number buttons to select the desired title number.
Press the (◀ , ▶) buttons to select the TIME, then use the Number buttons to select the desired time.
NOTE:

- If the Search feature is attempted in the Play mode, then you can only go to a specific chapter or time, you cannot change the title number.
- If you enter a time that exceeds the time limit of the DVD, then "INPUT INVALID" will appear, and you must try again.
- Repeat may not work properly with some discs.
- When play VCD, the SEARCH feature can only use Number buttons to select desired track or time.

REPEAT PLAYBACK MODE BUTTONS
The repeat functions that you can enjoy are dependent on the disc types played.
DVD: Title repeat, chapter repeat and given portion repeat.
VCD / CD: All tracks repeat, single track repeat and given portion.

REPEAT button
DVD disc:
While in the Playback mode, press the **REPEAT** button once; " ↻ CHAPTER " will appear briefly on the TV screen and the currently playing Chapter will repeat continuously.
While in the Playback mode, press the **REPEAT** button a second time; " ↻ TITLE " will appear briefly on the TV screen and the currently playing Title will repeat continuously. Press the **REPEAT** button once more to cancel Repeat mode.
CD / VCD disc:
To Repeat play a track, simply select the track as described on the previous page, then press the **REPEAT** button once; " ↻ TRACK " Will appear on the TV screen and the unit will repeat the selected track continuously until the **STOP (■)** button is pressed.
To Repeat play all tracks on a CD, press the **REPEAT** button a second time; " ↻ ALL " will appear on the TV screen and unit will repeat the CD continuously until the **STOP (■)** button is pressed.
To cancel Repeat play, press the **REPEAT** button until "REPEAT OFF" will shown on the TV screen.

A-B REPEAT button
Note: MP3 discs does not support this function.
DVD / CD / VCD disc:
This player can repeatedly play back a specific section.
While in the Playback mode, press the Repeat **A-B** button to define where you want the section to start. Press the Repeat **A-B** button again to define where you would like the section to end, the unit will then play the selected area continuously.
To cancel A-B Repeat mode, press the **A-B** button again until the icon disappear on screen.

Random Playback
Press the **RANDOM** button once and "RANDOM" will appear on the TV screen. Press the **PLAY (▶)** button and the unit will play all the tracks back in random order. After 20 tracks have been randomly played, the unit will automatically stop playing and enter the Stop mode. To cancel Shuffle, press the **RANDOM** button a second time "RANDOM OFF" will shown on the TV screen.
Note: When playing CD, MP3, or others audio media disc, you can press the "SCREEN ON / OFF" button, to turn off the TFT screen temporary, it will save more power when using rechargable battery for playing.

IMPORTANT
When the " ⃠ " symbol appears while pressing a button, this means that the corresponding function cannot be performed either on the disc inserted, or in the selected mode.

Programmed Playback (DVD/CD/VCD)
Note: MP3 discs does not support this function.
This unit has a 20 track programmable memory that allows you to program up to 20 tracks on any disc for playback in any desired order. You may program 20 different tracks or you may also program certain tracks to play more than once. To perform programmed playback, proceed as follows:

1. While in the Stop mode, press the **PROGRAM** button, the Program menu will appear on the TV screen.
2. Press the Numeric buttons to input 2 numbers for each program track : one for title, one for chapter. After input 2 numbers, the cursor will automatically jump to the next program track for input another numbers.
3. Repeat step 2 until all desired title & chapters have been programmed (up to 20). You can repeat a title & chapter more than once if desired.
4. Press the (▲,▼,◀ , ▶) button to select " START " position.
5. Press the **PLAY (▶)** button to begin programmed playback.
   Playback will begin on the first title/chapter that you programmed and the player will continue to play all of the tracks that you programmed in the order in which you programmed them.

FOR VCD / CD:
Select the track to be programmed into memory by using the Numeric buttons. The unit will automatically go to the next track to allow you to program.
FOR DVD:
Select the TITLE/CHAPTER to be memory by using the number buttons. The unit will automatically go to the next track to allow you to program.
Press the **STOP (■)** button to stop programmed play.

TO CANCEL THE PROGRAM FUNCTION:
To cancel the Program function, press the **STOP (■)** button twice, or press the **OPEN/CLOSE** button.

Advanced Playback mode

Audio menu
Press **AUDIO MENU** button, you can change the audio language from the one selected at the initial settings to a different language, if available.

DVD Menu
Press the **DVD MENU** button, and the Main Menu of the disc will appear. Use the (◀ , ▶, ▲, ▼) button to select the desired option, and then press the **ENTER** button.
This is not available on all discs.

Subtitle Menu
Press the **SUBTITLE MENU** button to select a subtitle language, and to turn the subtitle menu on /off. This feature is not available on all discs.

Title Menu
Press the **TITLE MENU** button and the Title Menu of the disc will appear. Use the (◀ , ▶, ▲, ▼) button to select the desired option, and then press the **ENTER** button.
This is not available on all discs.

Audio Mode (Audio CDs only)
While playing an audio CD (not DVD), you can cycle between the audio modes as follows:
Press the **AUDIO MODE** button to cycle through the audio modes. The audio modes vary depending on the disc inserted, but include MONO LEFT, MONO RIGHT, MIX MONO, STEREO, etc. " DISC NOT SUPPORT " will appear if the disc does not support audio mode changing.

3D Sound
During playback of a disc, press the 3D button repeatedly to achieve the highest quality sound. Select from the following surround modes:
SURROUND ROCK ➡ SURROUND POP ➡ SURROUND LIVE ➡ SURROUND DANCE ➡ SURROUND TECHNO ➡ SURROUND CLASSIC ➡ SURROUND SOFT ➡ SURROUND OFF ➡ (return ↩)

MUTE
Press the **MUTE** button once to mute the sound, " MUTE " will appear on the TV screen, Press the MUTE button again to restore the sound.

Bookmark for DVD/ VCD/ CD
Note: MP3 discs does not support this function.
Storing bookmarks in the memory to be viewed is similar to marking your page in a book. You can quickly go to any point on the disc.
To Program bookmarks:

1. Press the **Bookmark** button during play.
2. Press the Play(▶) button to choose start marking.
3. Press the **Bookmark** button to leave Bookmark section.
4. Press the Skip (⏭/⏮) or Search (⏩/⏪) buttons to go to desired Title/Chapter section.
5. Press the **Bookmark** button to enter Bookmark section again.
6. Press the Navigation button (▶) to go to the empty bookmark space.
7. Repeat step 1 to 4 to program remains Bookmark.

To Play Programmed bookmarks:

1. Press the **Bookmark** button to enter Bookmark section
2. Press the Navigation buttons (◀ / ▶) to go to our desired Bookmark position.
3. Press Play(▶) button to choose start Bookmark play. The playing time will display on screen.
4. Repeat steps 1 to 2, to play Bookmark.

To Clear Bookmarks:

1. In the bookmark section, press the Clear button to clear the old bookmark marking.
2. Exit the Bookmark section by pressing the Bookmark button. Or press the OPEN/CLOSE button to eject the disc to clear all programmed bookmarks.

Note: Some discs may not work Bookmark function. Storing, playing, and clearing a bookmark in the memory, up to 12 points can be memorized for each disc.

Zoom Function
Note: MP3 discs does not support this function.
Press **ZOOM** button (Zoom x2, x3, x4) during normal, slow or still playback mode. This player can magnify a picture and use Navigation Arrow buttons (▲,▼,◀ , ▶) to select desired part of the zoomed picture.

Viewing from a desired camera angle (Multi-Angle) [DVD]
Some DVD discs may contain scenes which have been shot simultaneously from a number of different camera angles.
The jacket or case of discs that are recorded with angle will be marked. Example: " "
Note:
The recorded angles differ depending on the disc used.

1. Play the disc that is recorded with angles.
2. Press the ANGLE button, when the player reaches a sequence recorded in more than one angle, the symbol " " will appear on the sceen.
3. Press the ANGLE button again to choose the desired angle, TV screen will change within one or two seconds.

Display Button
1. Press **DISPLAY** button to show the elapsed time and remaining time of the playing disc.
2. Each time display button is pressed, the time will change on the screen as follows:

DVD disc:
Title Elapsed ➡ Title Remain ➡ Chapter Elapsed ➡ Chapter Remain ➡ Display Off ➡ (return ↩)
VCD & CD
Single Elapsed ➡ Single Remain ➡ Total Elapsed ➡ Total Remain ➡ Display Off ➡ (return ↩)
MP3
Single Elapsed ➡ Single Remain ➡ (return ↩)

Advanced Playback mode (continue)

PBC function (VCD 2.0 only)

PBC button: This button switches **PBC** functions on or off.
Note: MP3 discs does not support this function.

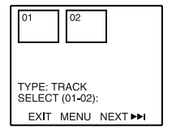
- When playing VCD with **PBC** functions, You can enjoy simple interactive software on TV screen.
- When playback, there are such functions as track selection, stop, previous/next scene, fast forward/ backward, return, play/pause and karaoke for you to select.
- **PBC** functions can be auto run after the disc is loaded and its logo appears on VFD.
- Desired tracks can be selected by pressing numeric buttons when **PBC** functions are on.

Once selected, automatically player will start playing the desired track.
PBC functions allow you to select programs guided by simple interactive software.

DIGEST (DVD and VCD)

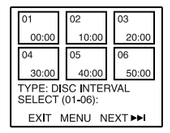
Note: MP3 discs does not support this function.

1. Press **DIGEST** during Playback.
2. Choose digest Type from the "Select Digest Type" Menu.
3. Two types of Digest screens can be summarized from all Digest types from "Select Digest Type" Menu.



- **Playing for "Track digest" (Title digest & Chapter digest)**
  The screen shows the starting picture of all the tracks on the screen simultaneously. Input your desired track by Number buttons and press **ENTER** to confirm to play from that track onwards.

If the tracks are more than 6, choose (⏭) to look at the next page.
Choose "EXIT" to leave the track digest screen.
Choose "MENU" to return to "Select Digest Type" Menu.



- **Playing for "Disc Interval" (Title Interval & Chapter Interval)**
  The screen shows the starting picture of all the tracks in 10 minute interval on the screen simultaneously. Input your desired interval track by number buttons and press **ENTER** to confirm to play from that track onwards.

If the track time is more than 50:00, choose (⏭) to look at the next page.
Choose "EXIT" to leave the disc interval screen.
Choose "MENU" to return to "Select Digest Type" Menu.

DIGEST (CD)

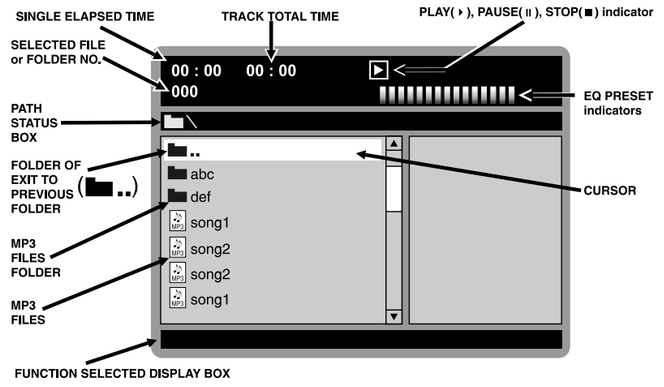
- Playing for CD Scan

1. Press the **Play**(▶) button to start CD playback from track No. 1.
2. Press the **DISPLAY** button to display the track Elapsed time.
3. Press the **DIGEST** button to start the CD scan function.

The first 6 seconds of each CD track will display on screen until all CD tracks finish playing the 6-seconds introduction.

MP3 Basic Operation

MP3 ON SCREEN DIALOGUE BOX FEATURES

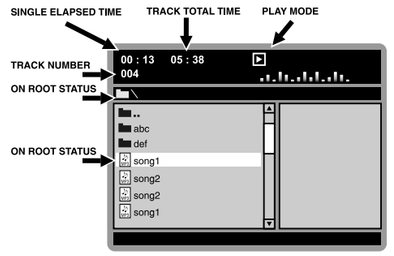


Playback of MP3-Disc

After disc "LOADING" or read memory card, dialog box will appear on the screen.
The Root/Folder menu and STOP(■) Mode on screen button will appear on the screen.
e.g.:

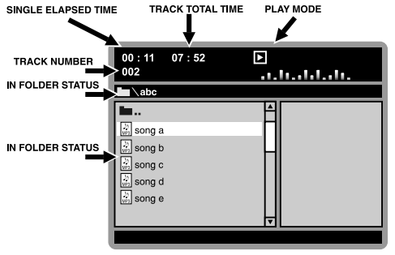
Playback track on Root.

Press the NAVIGATION (,) button to select your desired track on the Root, then press PLAY (▶) or "ENTER" button, to start playback, the PLAY (▶) indicator show on screen, and the player will continous play-back all tracks in ROOT, and stop automatically after finished all tracks.
e.g.:



Playback track in folder.

Press the NAVIGATION (,) button to select the folder, press NAVIGATION ( ) button or "ENTER" button to enter folder.
Note: If had a sub-folder, repeat above procedure to enter the folder.
Press the NAVIGATION (,) button to select your desired track, then press PLAY (▶) or "ENTER" button to playback, the PLAY (▶) indicator show on screen.
The player will continous playback, until finish all tracks in such folder, the player will stop automatically.
e.g.:



Selecting Folder/Tracks Using the Number Buttons

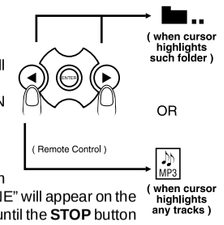
During playback, press the Numeric buttons corresponding to the track numbers to select your desired track. The unit will jump to the new track and then press **ENTER** or PLAY (▶) button to playback.

OTHER FUNCTIONS

When playing a MP3 disc, the unit has functions like mute, audio mode, pause / step, previous / next track, and forward / reverse.
You may operate as you do with a CD on Basic Operations.

Select/Back to Folder Menu

When in the folder, or in the sub-folder on screen.
Press the NAVIGATION (,) button, or press "ENTER" button, when the cursor highlights the folder (..) , the screen will back to previous folder or repeat the procedure to exit to ROOT.
If cursor highlights the track or named folder, press the NAVIGATION ( ) button, the screen will back to the previous folder or the Root.
The above functions are also available in PLAY mode.



REPEAT PLAY

To Repeat play a track/file, simply select the track/file as described on the previous page, then press the **REPEAT** button once; "REPEAT ONE" will appear on the TV screen and the unit will repeat the selected track/file continuously until the **STOP** button is pressed.
To Repeat play all tracks on an MP3 CD, press the **REPEAT** button a second time; "REPEAT FOLDER" will appear on the TV screen and the unit will repeat the CD continuously until the **STOP** button is pressed.
To cancel Repeat play, press the **REPEAT** button until "FOLDER" appears on the TV screen.

Data Discs with pictures in jpeg format

Note: Graphic files must be stored in "jpeg" format (file extension .jpg), otherwise they won't be recognized.
When you have inserted a CD with jpeg-files you see a menu showing the folders / files on the CD. Use the navigations keys(,)to select the desired folder, then press ENTER. The files inside are displayed.

— Use the navigation keys(,)to choose the desired file and the picture preview on the right frame, if press the ENTER button. That picture will be displayed.
— This starts your "modern slide show" because the unit will change to the next picture automatically after a few seconds until all pictures have been shown on screen once.
— Press the PAUSE button to hold the current picture on the screen. Use the PLAY(▶) button to continue.
— Use the (⏮) or (⏭) key to skip back or forward.
— Press the (■) button to cancel the picture show and to return to the folder menu.
— If you press the REPEAT button once, the currently displayed picture will constantly been shown on the screen. Press this button twice to have all pictures in the current folder repeated.

Press REPEAT again to cancel this mode.
Important note: When you've selected "REPEAT ONE" only that picture will be displayed constantly. Then you ***cannot skip*** using the (⏮) or (⏭) button.

Initial Setting

1. Press the Setup button to display the Setup Menu. The screen shown right:
2. Press the " " or " " Navigation buttons to move the Yellow Disc symbol underneath the icons on top of the TV screen to your desired icon page.

The following icons represent 5 Setup Page:

— General Setup Page
— Speaker Setup page
— Video Setup page
— Preference Setup Page
— Exit Setup Page

-- General Setup Page --

TV Display	PS
TV Type	NTSC
Angle Mark	ON
OSD Lang	ENG
Screen Saver	ON

Select a menu icon using the (,) buttons. Then Select one of the avaliable options using the (,) buttons. Press the ( ) button to access the submenu and use the (,) buttons to select an option. Then press ENTER to confirm your selection. Return to a previous menu using the ( ) button. To exit from the menus, press the **SETUP** button again or select the ( ) icon and press **ENTER**.

General Setup

The setting structure is as follows:

TV DISPLAY

1. **Normal/PS**
   Note: "PS" stand for "Pan Scan" This is selected when the unit is connected with a normal TV.
   Wide-Screen images are shown on the screen, but with some parts cut automatically.
2. **Normal/LB**
   Note: "LB" stand for "Letter Box "
   This is selected when the unit is connected with a normal TV.
   Wide-screen images are shown on the screen, with black belt on the top and bottom.
3. **Wide**
   This is selected when the unit is connected with a wide - screen TV.

TV TYPE

You may select according to the color system of the TV to be connected.

- Select "**NTSC**" for a NTSC TV.
- Select "**PAL**" for a PAL TV.

ANGLE MARK

This only works when there is an angle mark on the disc.

- Select "ON" the screen shows the angle mark when playing a DVD.
- Select "OFF" the angle mark is not shown.

OSD LANG

To change language of setup menu, choose the language using (,) buttons and press **ENTER** to confirm.

- **English / Spanish / German / French / Italian**

Screen Saver

Start the screen saver, the screen saver image appears
when the unit stops or the image is motionless for approximately 1 minute. This saver can keep the screen from being damaged.

- ON: Start the screen saver.
- OFF: Remove the screen saver.

Speaker Setup Page

Select Audio setup in the Setup Menu and then Select the Speaker Setup Menu using the (,) buttons to navigate through the menus/screens and press the Enter buton to confirm.
LT/RT: The front speakers are in theatrical LT/RT downmix mode.
Stereo: The front speakers are in Stereo Downmix mode.

Video Setup Page

- **Sharpness –** To adjust the sharpen or soften picture.

Press the (or) buttons to select your desired level. The colour bar appears on the screen. Press **ENTER** to confirm.

- **Brightness –** To adjust more shining or darken picture.
- **Contrast –** To adjust increase or decrease picture contrast.
- **Colour –** To adjust increase or decrease colour intensity.
- **Tint –** To adjust increase or decrease the phases of colour.

Press the (or) button to move the cursor to increase or decrease the level. Press **ENTER** to confirm.

Preference Setup Page

- **Audio –** To change the dialogue language, choose the language using the (,) buttons and press **ENTER** to confirm.
- **Subtitle –** To change the subtitle language, choose the language using the (,) buttons and press **ENTER** to confirm.
- **Disc menu –** To change the language of menu, choose the language using the (,) buttons and press **ENTER** to confirm.
- **Parental –** You can control access to the player and the type of discs your family can watch with the rating function. There are eight levels of parental conrol.

Rating Level: 1 KID SAF ➡ 2 G ➡ 3 PG ➡ 4 PG 13 ➡ 5 PGR ➡ 6 R ➡ 7 NC-17 ➡ 8 Adult

1. Press the ( )button and then select the rating level using the (,) buttons.
2. Press ENTER to enter the Password Verify menu.
3. Enter your four-digit password and press **ENTER**, if you have not chosen one yet, the factory preset password is 1234.

- **Password change –** This option allows you to set or change the password.

1. Press the ( )button and then press **ENTER** to enter the Password Change menu.
2. To change the password, enter the current four-digit password in the "Old Password" column. Then enter the new password in the "New Password" column. You are then prompted to enter it again in the "Confirmed Password" column to confirm and press **ENTER**.

Specifications

Power requirements:	AC~100-240V, 50-60Hz	DC 9V-12V, 1.5A
Power consumption:	11W maximium	
Signal system:	NTSC / PAL	
Weight:	1.47 kg. (with battery)	
Dimensions:	Player, 225(L) X 170(W) X 43(H)mm (excluding battery)	
Operating temperature range:	+5°C to +35°C	
Operating humidity range:	5 to 90% (no condensation)	
Battery charging time:	Approximately 4-5 hours	
Battery life(Fully charge):	2 hours	
Discs played:		
(1) DVD-VIDEO disc	12cm single-sided, single-layer	
	12cm single-sided, dual-layer	
	12cm double-sided, single-layer	
	8 cm single-sided, single-layer	
	8 cm single-sided, dual-layer	
	8 cm double-sided, single-layer	
(2) Compact disc	12cm disc	
	8 cm disc	
Video output level:	1 Vp-p	
Audio output level:	1 Vrms (1 KHz, 0dB)	
Audio signal output characteristics:		
Frequency responses:		
• DVD (linear audio):	20Hz-20KHz (48KHz sampling)	
	20Hz-20KHz (96KHz sampling)	
• CD audio:	20Hz-20KHz	
S/N ratio:	70dB	
Wow and flutter: below measurable level		
Pickup: Wave length:	655nm	
Laser power:	CLASS 1	

Specifications are subject to change without notice. Weight and dimensions are approximate.

Troubleshooting

No power

- Insert the AC power plug securely into the power outlet.

Play fails to start even when PLAY is pressed. Play starts but then stops immediately.

- Condensation has formed: wait about 1 to 2 hours to allow the player to dry out.
- This player cannot play a disc other than DVD, Video CD and CD.
- The disc may be dirty and may require cleaning.
- Ensure that the disc is installed with the label side up.

No picture.

- Ensure that the equipment is connected properly.
- LINE SELECT is set to "IN" and you are trying to play a disc.

No sound or Distorted sound.

- Ensure that the equipment is connected properly.
- Ensure that the input setting for the TV and stereo system are correct.

Picture is distorted during rapid advance or rapid reverse.

- The picture will be somewhat distorted at times: this is normal.

No rapid advance (or rapid reverse play).

- Some discs may have sections which prohibit rapid advance (or rapid reverse.)

No 4:3 (16:9) picture.

- Choose the correct setup "TV SCREEN" item which matches the TV set used.

No operations can be performed with the remote control unit.

- Check the batteries are installed with the correct polarities (+ and –).
- The batteries are exhausted: replace them with new ones.
- Point the remote control unit at the remote control sensor and operate.
- Operate the remote control unit at a distance of not more than 7 m from the remote control sensor.
- Remove the obstacles between the remote control unit and remote control sensor.

No key operation (by the main unit and/or the remote control unit) is effective.

- Press POWER to set the player to the standby mode and then back to ON. Alternatively, press POWER to set the player to the standby mode, disconnect the power plug and then reconnect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)

Play does not start even when title is selected.

- Confirm the RATING LEVEL setting.

Audio soundtrack and/or subtitle language is not the disc, the initial settings.

- If the audio soundtrack and/or subtitle language does not exist on the language selected at the initial settings will not be seen/heard.

No subtitles.

- Subtitles appear only with discs which contain them.
- Subtitles are cleared from the TV monitor perform the steps on portion SUBTITLE to display the subtitles.

Alternative audio soundtrack (or subtitle) language fail to be selected.

- An alternative language is not selected with discs which do not contain more than one language.

Angle cannot be changed.

- This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.

The password for rating level has been forgotten.

- Please contact your local sales dealer.

No menu play.

- This function works only for Video CDs with playback control.

When AC-DC adaptor plug-in a while, FULL and CHARGE indicators blink, then CHARGE indicator light on RED, but rechargeable battery is released.

- It is a system test for recharge circuit, and then the circuit is powered ON, which is not a malfunction.

Additional Information

Disc types you can play:

DVD VIDEO	**Audio & Video**	**Disc size 12cm** Single side, single layer / single side,double layer PAL and NTSC DVD disc Playback time 135min/240min max.
COMPACT disc DIGITAL VIDEO	**Audio & Video**	**Disc size 12cm / 8 cm** **SVCD,CD and VCD disc** Playback time 74min. / 24min. max.
COMPACT disc DIGITAL AUDIO	**Audio**	**Disc size 12cm / 8 cm** **CD disc** Playback time 74min. / 24min. max.

Note:
Only the above types of discs can be played on this unit.
DVD-ROM, CD-ROM, CDV, etc. cannot be played.
Some CDR, CDRW disc cannot be played depending on the condition of the player and the disc. This unit is to be used exclusively with the NTSC or PAL colour system. SECAM system discs cannot be used with this unit.

DVD disc

DVD discs are divided into titles, and the titles are subdivided into chapter.

Music CD disc

Music CD discs are divided into tracks.

MP3

MP3 is the abbreviation of "MPEG 1 Audio Layer 3" MPEG Audio is a compression specification that compresses the audio portion only. This image compression method is used in DVD etc. The audio data has been compressed into about 1/10.

Notes on handling discs

- Do not scratch discs.
- Do not expose the disc to direct sunlight, high humidity, or high temperatures for extended periods of time.
- Discs should be returned to their cases after use.
- Do not apply paper or write anything on the disc surface.
- Handle the disc by its edge. Do not touch the playing surface (glossy side).
- Fingerprints and dust should be carefully wiped off the playing surface of the disc with a soft cloth.

Disc Cleaning

Never use chemicals such as aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gentle with a soft damp (water only) cloth from the center to the edge, avoiding circular motions, which could cause scratches and interference during play-back. Wipe in a straight motion from the centre to the outside of the disc.

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Apparatus Claims of U.S. Patent Nos. 4,631,603; 4,819,098; 4,907,093; 5,315,448; and 6,516,132; licensed for limited viewing uses only.