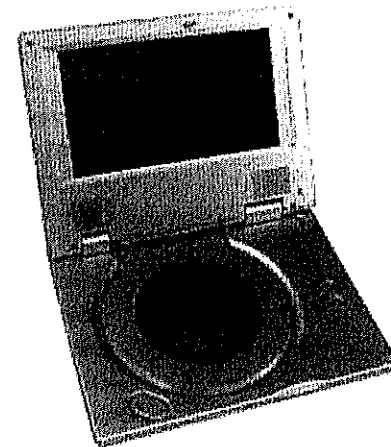


 **KOSS®**

Model: KS2710-2

Portable DVD Player with 7" TFT LCD Screen



Thank you for your purchase of this Koss product. Please read this Instruction Manual carefully before using this Koss product to ensure proper use. After reading this manual, please keep it in a safe place and refer to it when necessary.

**For additional information on this product or for help
with set-up please call the Customer Help Line at
1-800-287-4871**

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Safety Precautions

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

CAUTION: THIS DVD EMPLOYS A LASER SYSTEM. TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AUTHORIZED SERVICE LOCATION-SEE SERVICE PROCEDURE.

USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE. VISIBLE LASER RADIATION WHEN THE ENCLOSURE IS OPENED. DO NOT STARE INTO BEAM. THE APPARATUS SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD BE PLACED ON THE APPARATUS.

WARNING: CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Precautions

Note on handling

- When shipping the DVD player, always use the original shipping carton and packing materials.
For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
- The top and rear panels of the DVD player may become warm after a long period of use. This is normal and not a malfunction.
- When the DVD player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

Note on Locating

- When you place near a TV, Radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, move the DVD player away from the TV, Radio, or VCR.

Note on Cleaning

Use a soft, dry cloth for cleaning.

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzene, as they may damage the surface of DVD player.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

Warning: Cleaning and adjustment of lenses and /or other components of playback mechanism should be performed by a qualified service technician.

Precautions

To Obtain a Clear Picture

- The DVD player is a high technology, precision device. If the optical pick up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer.

Note on Moisture Condensation

Moisture condensation damages the DVD player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass, in the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.

Moisture condensation occurs during the following cases.

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you have just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD player in a hot and humid place just after you have moved the unit from an air conditioned room.
- When you use the DVD player in a humid place.

Do not use the DVD player when moisture condensation may occur.

If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player and leave it "ON" for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.

Getting to Know Your Portable DVD Player

Quick Guide will instruct you to install your Portable DVD Player in a quick and easy way. Please carefully follow the instructions to set up your Portable DVD Player.

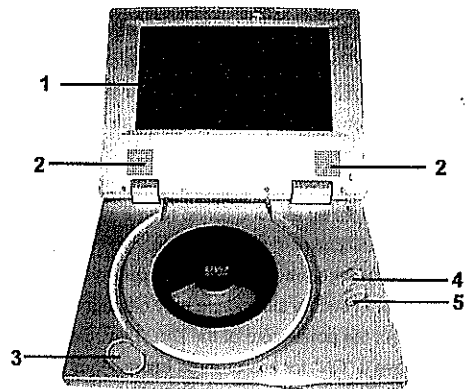
Unpacking

First inventory the contents of your Portable DVD player package.

Portable DVD Player	1	External Power Adapter	1
Audio Cable (white, red)	1	Car DC Adapter	1
Video / Coaxial Cable	1	Earphone	1
Remote Control	1	User Manual	1
Battery Pack	1		

Accessories are subject to change without notice.

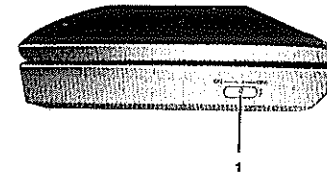
Front View Diagram



- | | |
|--------------------|---------------------|
| 1.LCD screen | 2.SPEAKERS |
| 3.OPEN/PUSH button | 4.PLAY/PAUSE button |
| 5.STOP button | |

Getting to Know Your Portable DVD Player-continued

Left Side Diagram



1. POWER ON/OFF button

Front Side Diagram



1. Remote Sensor

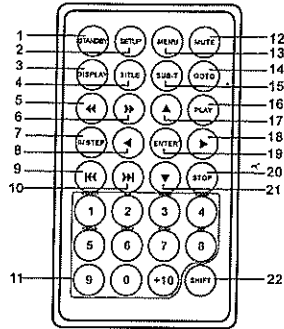
Right Side Diagram



1. Volume Adjustment
2. Headphone jack
3. Audio Output jack
4. Video/Coaxial output jack
5. DC IN jack

Getting to Know Your Portable DVD Player-continued

Remote Control Diagram



- | | |
|-----------------------|------------------------|
| 1. STANDBY button | 2. SETUP button |
| 3. DISPLAY button | 4. TITLE BUTTON |
| 5. FAST REVIEW button | 6. FAST FORWARD button |
| 7. PAUSE/STEP button | 8. LEFT button |
| 9. PREVIOUS button | 10. NEXT button |
| 11. NUMBERS buttons | 12. MUTE button |
| 13. MENU button | 14. GOTO button |
| 15. SUB-T button | 16. PLAY button |
| 17. UP button | 18. RIGHT button |
| 19. ENTER button | 20. STOP button |
| 21. DOWN button | 22. SHIFT button |

Battery Installation for the Remote Control

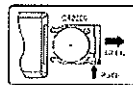
Insert the battery and match the (+) and (-) on battery to the marks inside the battery compartment.

First-time use:

Remember to remove the insulating Mylar Tape from the battery compartment.

Service life of battery

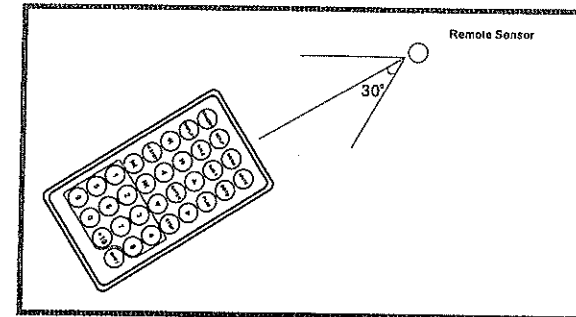
- The battery normally lasts for about one year although this depends on how often and for what operations the remote control is used.
- If the remote control unit fails to work even when it is operated near the player, replace the battery.
- Use a 3V lithium battery, CR2025 available from a local retailer.



Getting to Know Your Portable DVD Player-continued

Remote Control Operation Range

Point the remote control unit no more than about 12 feet from the remote control sensor and within about 30° of the front of the unit



The operating distance may vary according to the brightness in the room.

Note:

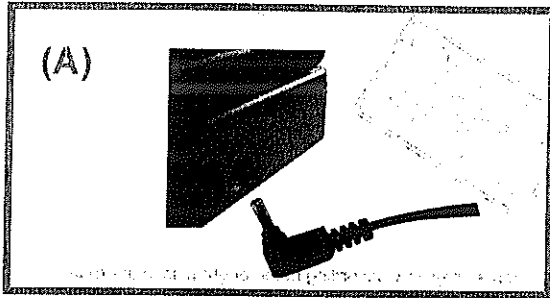
- Do not point bright lights at the remote control signal sensor.
- Do not place objects between the remote control unit and the remote control signal sensor.
- Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

Quick Operation Guide

Quick Operation

STEP 1. Connect it to Power (A)

Please connect the applied adaptor to the DC IN jack on the Right side of this Portable DVD Player.



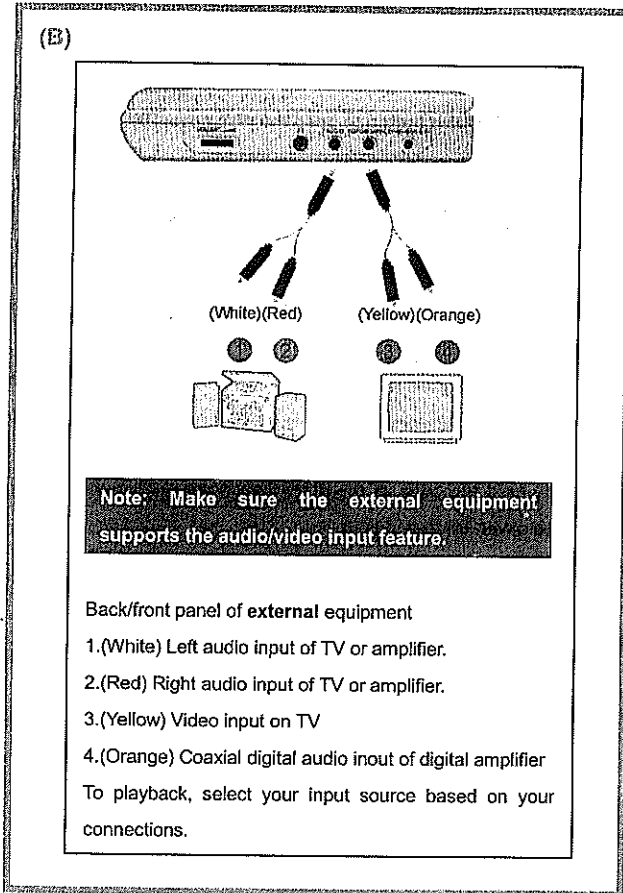
Quick Operation Guide-continued

STEP 2. Connect it with headphones or connect it to external equipment.(B)

If you want to enjoy higher listening and viewing quality, you can connect this Portable DVD Player to external equipment, such as a TV or an amplifier.

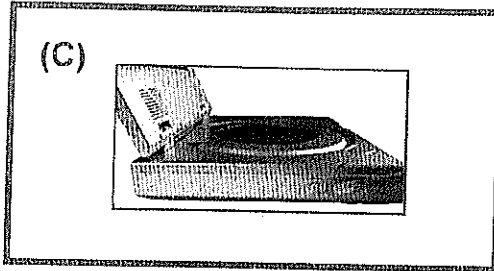
Note:

Before connecting, make sure to turn off the power of this Portable DVD Player and external equipment.

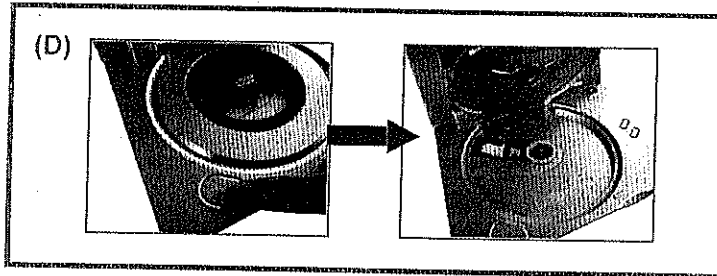


Quick Operation Guide-continued

STEP 3. Slide POWER button to turn on the Portable DVD Player.(C)



STEP 4. Press OPEN/PUSH button to open the disc cover.(D)



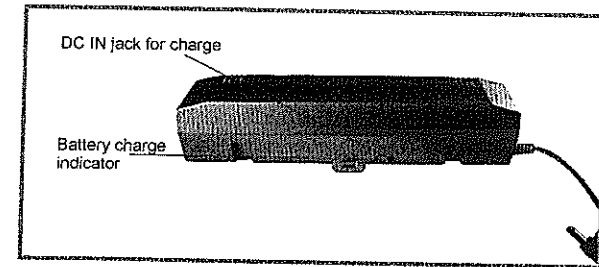
STEP 5. Gently hold the edge of the disc, then place and press down firmly near center spindle with printed side up.

Note: Make sure the printed side of the disc is facing up.

STEP 6. Close the disc cover.

STEP 7. Press PLAY to play the disc.

Using the Battery Pack



Before using the battery pack, make sure to charge it first.

BATTERY

The provided battery can be recharged about 300 times. It takes about 4-5 hours to recharge the battery, then the red indicator will turn green. A fully charged battery can power the unit for about 2 hours. Power consumption depends on the operations of the player such as brightness of the screen, volume level, environment, temperature, and how many times you use PAUSE, STOP, FF and REW.

Note: If you do not use the battery for a long time, please charge it before storing and recharge it every 3 months. This will prolong the battery life.

CHARGING THE BATTERY PACK

STEP 1. Connect the AC adapter to the DC IN jack on the left side of the battery pack and a household power outlet. (As shown in figure A)

STEP 2. The battery charge indicator will turn red and start charging.

STEP 3. When the battery pack is fully charged, the battery charge indicator will turn green.

DVD Playback

Preparation

Connect the portable DVD player with the AC adaptor and / or battery pack, and playback through headphones, speakers, or home theater system.

To connect to home theater or stereo system:

- Turn on the TV set, and select "Video" as the TV input.
- Turn on the home theater / stereo system and select the input source which you connected to the portable DVD player.

Basic Playback

1. Slide POWER ON/OFF switch to POWER ON.
2. Press OPEN/PUSH button to open the disc cover.
3. Place disc in the tray with the printed side up.

Hold the disc without touching the playable surface, position it with the printed title side facing up, align it with the guides, and press the disc firmly onto the center spindle.

4. Close the disc cover.

Close the disc cover, the portable DVD player will start playback automatically.

If the disc contains one or more titles, a menu screen will appear on the screen.

<< NOTE: Proceed with steps 5 and 6 when a menu is available on the disc >>

5. Press UP/ DOWN/ LEFT/ RIGHT button to choose the preferred selection.
6. Press ENTER or PLAY.

The Player will start playback of the selected item.

Stopping Playback and Returning to The Menu Screen

(If a Menu Is Available on The Disc)

Press <MENU>.

The portable DVD player stops playback, and then displays the menu screen.


After operation

When the portable DVD player is not in use, remove the disc and slide POWER ON/OFF switch to turn off the player. Then close the display panel.

<< NOTE >>

- The disc continues to spin while the menu is displayed even after the player has finished playing a particular disc. When no further selections are to be played, be sure to press the <STOP> button to clear the menu screen.
- If the disc is placed in upside down (and it is a single sided disc), the player's display will appear "BAD DISC".

For your reference:

- When  appears while a button is being operated, it means that the corresponding operation is prohibited by the player.

DVD Playback-continued

Stopping Playback

Press <STOP> to stop.

Rapid Advance / Rapid Reverse

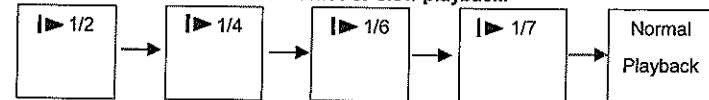
Press <REW> or <FF> during playback.

Normal playback is resumed when you press <PLAY>

The speed of advance (▶▶ x2, ▶▶ x4, ▶▶ x8, ▶▶ x20, play) or reverse (◀◀ x2, ◀◀ x4, ◀◀ x8, ◀◀ x20, play) changes for each press of the <FF> or <REW> button

Slow Playback

Press <SHIFT> and "7" several times to slow playback.



To return to normal playback.

Press <PLAY>

Skipping Ahead or Back to Chapters

You can skip a specific chapter or track during playback.

Skipping Ahead

Press <NEXT> during playback.

Skips a chapter each time you press the button.

Skipping Back

Press <PREVIOUS> during playback.

Skips a chapter each time you press the button.

Still Picture (PAUSE / STEP)

Press < PAUSE / STEP> once during playback.

The screen image is paused.

Press < PAUSE / STEP> button several times, the screen image will playback frame by frame.

To return to normal playback.

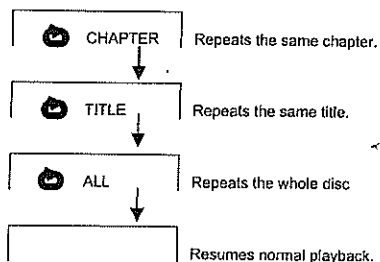
Press <PLAY>

DVD Playback-continued

Repeat Viewing

Press <SHIFT> and then "1" during playback.

Each time you press, the disc will repeat a chapter or title.



<<NOTE>>

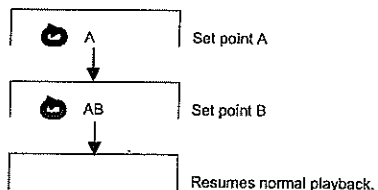
Repeat playback works only with the discs for which the elapsed playing time appears on the player's display during playback.

Repeat playback may not work correctly with some DVDs.

A-B Repeat Viewing

This DVD player allows you to playback a specific segment repeatedly.

Press <SHIFT> and then "2" during playback.



Playing in a favorite Order

Press <SHIFT> and then "3" during playback.

Program menu displays on the screen

Program/Chapter	Title/Chapter
1 4 7 10	
2 5 8 11	
3 6 9 12	
Play Program	Clear All

Use the number button(s) and <DOWN>, <LEFT>, <RIGHT> to select the Title/Chapter number in order.

Use the <DOWN> button to select Play Program, then press <ENTER> to start.

Convenient functions

Display the information of the Scene

Press <DISPLAY> during playback.

Press <DISPLAY> to display the title number, chapter number, and other information on screen.

Press <DISPLAY> until the information on screen disappears.

Changing Audio Soundtrack Language

1. Press <SHIFT> and "4" during playback.
2. Press "4" until the preferred language is selected.

For your reference:

- If the preferred language is not selected even after pressing the button several times, it may indicate that language is not available on the disc.
- You can also change the audio language during initial setup to a different language, if available. (This functions only on discs with multiple languages.)
- When you turn on or remove the disc, the portable DVD player will playback the language which is selected at the initial setting. If you select a language which is not recorded on the disc, the portable DVD player will playback a prior language programmed on the disc.

Activating AFF(Active Full Screen Function)

AFF(Active Full Screen Function) allows you to fill the TV screen viewing area when playing a widescreen formatted DVD. Press AFF on your remote control to eliminate(1:85 aspect ratio) or reduce the black bars on the top and bottom of the screen.

Press <SHIFT> and "8" to activate AFF(Active Full Screen Function)

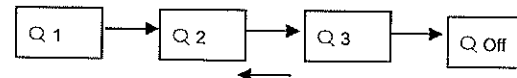


Zooming a Picture

This DVD player allows you to zoom into a picture as well as shift the zoom point.

Press <SHIFT> and then "6" several times during normal playback or slow-motion.

The play magnifies in the center of the picture.



If you press <UP>, <DOWN>, <RIGHT> buttons during playback, the zoom point shifts. To cancel the zoom function, press <SHIFT> and "6" until zoom off.

Convenient functions-continued

Changing Subtitle Language

If a disc provides subtitles, you may choose to hide or display them. (This operation works with discs that provide subtitles.)

Press <SUBTITLE> during playback to display subtitles or hide them. When you press <SUBTITLE> twice, the first subtitle recorded on the disc will display. The rest of the subtitles recorded will display in sequence as you press the button repeatedly.

You may switch to another language using this key, or you can turn off the subtitle by pressing this key until "SUBTITLE OFF" appears on the screen.

You may change the subtitle language, if available.

1. Press <SUBTITLE> during playback

When no subtitles are recorded "0" will display instead of the language number selected.

2. Press <SUBTITLE> until the preferred language is selected.

<< NOTE: In some cases, the subtitle language may not change immediately to the selected one.>>

For your reference:

- When the preferred subtitle language is not selected even after pressing the button several times, it may indicate that the language is not available on the disc.
- When you turn on or remove the disc, the portable DVD player will playback the subtitle language selected during initial setup. If you select a subtitle language which is not recorded on the disc, the portable DVD player will playback a prior subtitle language programmed on the disc.

Viewing From Another Angle

Some special featured DVD discs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scenes can be viewed from different angles using the <ANGLE> button. (The recorded angles vary depending on the disc programming.)

1. Press <SHIFT> and then "5" during playback.

2. Press "5" until the preferred viewing angle is selected.

Press <ANGLE> button to change the viewing angle.

<< NOTE >>

- ANGLE will only function on discs where different angles have been recorded.
- The viewing angles are shown on the player's display and you can select one from them for viewing.

Convenient functions-continued

To Mute the DVD Player

In certain cases, you may wish to mute the portable DVD player sound temporarily. The portable DVD player provides a MUTE function for this purpose.

Press <MUTE> button during playback.

When "M" appears on the screen, the portable DVD player is muted. To un-mute the sound, press the button until "M" disappears from the screen.

Using a DVD Menu

Certain DVD discs have unique menu structures called DVD menus. For example, DVDs programmed with complex content provide guide menus, and those recorded with various languages provide menus for audio and subtitle language. Although the DVD menu's contents and operation vary from disc to disc, the following explains basic operation when this feature is used.

1. Press <TITLE> in stop mode.

The DVD menu available on the disc will appear.

2. Press <UP>, <DOWN>, <LEFT>, <RIGHT> buttons to select the preferred item.

3. Press <ENTER>.

To enter the selected item.

Using the MENU Function

1. Press <MENU>.

A DVD chapter menu with a still image will appear. You may view the introduction of each chapter and then decide with which chapter to select.

2. Press <UP>, <DOWN>, <LEFT>, <RIGHT> buttons or number button(s) to select the preferred item.

<< Note: The menu details vary depending on discs recorded.>>

3. Press <ENTER>.

To enter the selected item.

Convenient functions-continued

Selecting Scenes by Title/Chapter Number

Allows you to locate specific titles/chapters of scenes to playback.

1. Press <GOTO> during playback.
2. Press <DOWN> button, <LEFT> button and <RIGHT> button to move the cursor to title or chapter.
3. Press the number buttons to specify the preferred title or chapter.
4. Press <ENTER>

The portable DVD player will start playback from selected title/chapter numbers.

Selecting Scenes by Time

1. Press <GOTO> during playback.
2. Press the number buttons to specify the scene time desired.
Example: To locate "01 hr. 50 min. 00 sec.", press "1", "5", "0", "0" and "0".
3. Press <ENTER>.

The portable DVD player will start playback from the specified position.

<<NOTE>>

- These operations work only with discs for which the elapsed playing time appears on the portable DVD play's display during playback.
- For some discs, playback may start from a different place, even when the steps above have been performed correctly.

For your reference:

- When "⓪" appears while you are pressing a button, it may indicate that the corresponding operation is prohibited by the portable DVD player.

Audio CD Playback

Preparation

Connect the portable DVD player with the AC adaptor and/or battery pack, and playback through headphones, speakers, or home theater system.

To connect to home theater or stereo system:

Turn on home theater/stereo system and select the input source that is connected to the portable DVD player.

Basic Playback

1. Slide POWER ON/OFF to the "ON" position.
2. Press <OPEN/PUSH> button to open the disc cover.
3. Place disc in the tray with the printed side up.

Hold the disc without touching the playable surface, position it with the printed title side facing up, align it with the guides, and press the disc firmly onto the center spindle.

4. Close the disc cover. CD will automatically play.

Stopping Playback

Press <STOP> to stop the disc playback.

Rapid Advance (Rapid Reverse)

Press <REW> or <FF> during playback.

Normal playback will resume when you press <PLAY>.

The speed of advance (x2, x4, x8, x20, play) or reverse (x2, x4, x8, x20, play) changes for each press of the <FF> or <REW> button.

Skipping Ahead or Back to Tracks

Skipping Ahead

Press <NEXT> during playback.

A track is skipped each time you press the button.

Skipping Back

Press <PREVIOUS> during playback.

The player skips a track each time the button is pressed.

Audio CD Playback-continued

Pause Playback

Press <PAUSE> once during playback.
The player will pause playback.

To return to normal playback
Press <PLAY>.

DISPLAY [Audio CDs]

Clearing/Displaying the Information on the CD

Press <DISPLAY> during playback.

Press <DISPLAY> to display the elapsed time, track number and other information on the screen.

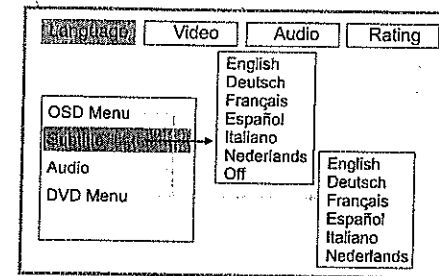
Language Setup

Language Setting

Allows you to set various languages for the on screen display (OSD).

You can select a preferred DVD menu, subtitle or soundtrack language among various languages that have been recorded on certain DVD discs.

1. Press <SETUP> then press <ENTER>.
2. Press <DOWN> button to select "preferred item", and then press <ENTER>.
3. Press <UP> button/ <DOWN> direction button to select the preferred language.
4. Press <ENTER>.



To complete the setup operation

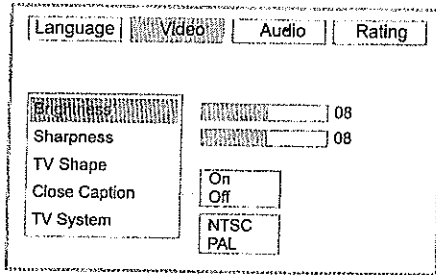
Press <SETUP> to exit.

Video Setup

Adjusting the Brightness and Sharpness

You can also adjust the Brightness and the Sharpness.

1. Press <SETUP>
2. Press <RIGHT> direction button to select "VIDEO", and then press <ENTER>.
3. Press <UP> / <DOWN> button to select the Brightness or Sharpness.
4. Press <RIGHT> direction button or <LEFT> direction button to select the preferred Brightness or Sharpness.



To finish the setup operation

Press <SETUP> to exit setup menu screen.

For your reference:

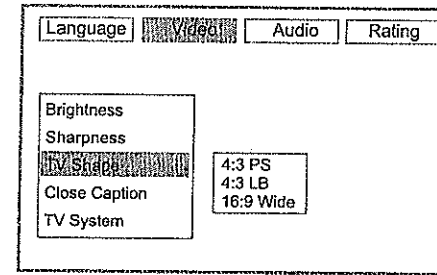
If the language selected is not recorded on the disc, the portable DVD player will playback the top-priority language of the disc. You can also switch Close Caption ON, if the Close Caption is recorded on the disc and your TV supports the Close Caption function. When you use the Close Caption you should switch the subtitle off.

Video Setup-continued

TV Aspect Ratio Settings

Depending on your TV screen size, you can select your preference for optimal viewing of conventional (4:3 PS) Pan & Scan, (4:3 LB) Letter Box movies or (16:9) Widescreen.

1. Press <SETUP>
2. Press <RIGHT> direction button to select "Video", and then press <ENTER>.
3. Press <DOWN> button to select TV Shape, and then press <ENTER>.
4. Press <UP> / <DOWN> button to select the preferred TV display.
5. Press <ENTER>. (see notes below)



To finish the setup operation

Press <SETUP> to exit setup menu screen.

4:3 Pan Scan

Select 4:3 PS for a conventional size TV set. Video material formatted in the pan & scan style is played. Portable of the program material maybe cut off on the left and right edges.

4:3 Letter Box

Select 4:3 LB for a conventional size TV set. Black bands appear at top and bottom of screen (letter-box style). But allow for the true aspect ratio of the widescreen programming.

- Video material not formatted in the pan & scan style is played in the letter-box style.

16:9 Wide

Select 16:9 for a wide-screen TV set. Played in "FULL" size.

- Setting the wide-screen TV to "FULL" mode is also necessary.
- Each screen shows an example when the video material for a widescreen is played.

Audio Setup

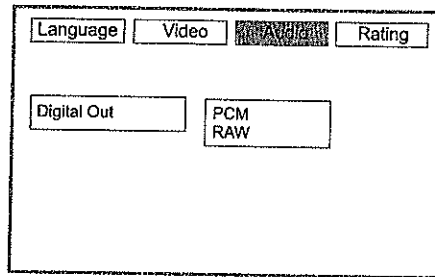
Digital Output Setting

The portable DVD player provides two options, "PCM" and "RAW" for the digital out setting.

For your reference:

- If you have a Dolby Digital 5.1 amplifier that supports coaxial connection, you must set the audio output to RAW. If you have a 2-channel Dolby Digital amplifier, you must set the audio output to PCM.

1. Press <SETUP>.
2. Press <RIGHT> direction button to select "AUDIO", and then press <ENTER>.
3. Press <UP> / <DOWN> button to select your "Digital Output" preference and then press <ENTER>.



To finish the setup operation
Press <SETUP> to exit.

Custom Setup

Parental Control Setting [DVD]

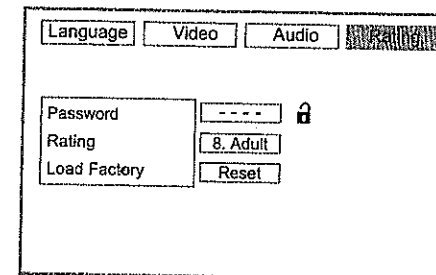
A built-in viewer rating setting enables you to lockout video programming that you do not want children to view. For example, if you set it to PG-13, then the portable DVD player will not play any videos rated R, NC-17 or Adult unless the correct password is entered.

1. Press <SETUP>.
2. Press <RIGHT> direction button to select "Rating", then press <ENTER>.
3. Press <DOWN> button to select "RATING" and then press <ENTER>.
4. Press <ENTER> until preferred rating is highlighted.
5. Press <UP> button to select Password and enter a 4-digit password, then press <ENTER>.

If you previously locked the rating setting, enter your password to unlock before you re-enter a new one.

The default password is "3308", you can use it to unlock the setting.

6. Press <SETUP> to exit.



For your reference:

- You can use the parental control lock ONLY with DVD discs featured with the parental lock function.
- Some discs may not be encoded with specific rating level information though its disc jacket says that it is for "adults". For those discs, RATINGS lock will not function.

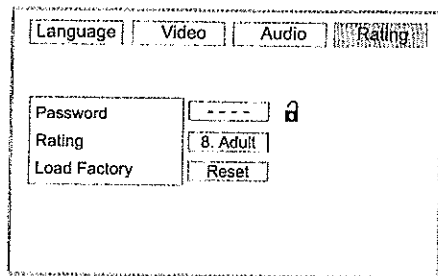
Custom Setup-continued

Password Setting [DVD]

You can change the password setting of the portable DVD player by selections.

1. Press <SETUP>.
2. Press <RIGHT> direction button to select "Rating", and then press <ENTER>.
3. Enter your old password and then press <ENTER> to unlock the old password.
4. Enter your new password and then press <ENTER>.

NOTE: The default password is "3308". You can use it to reset the password .



To complete the setup operation

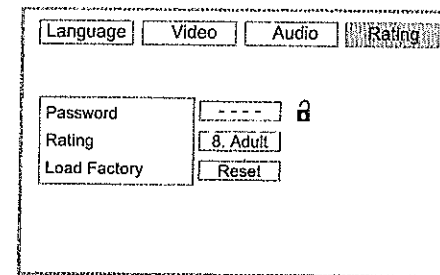
Press <SETUP> to exit setup menu screen.

Custom Setup

Load Factory Setting

You may reset the DVD player in CUSTOM SETUP to the original factory default settings.

1. Press <SETUP>.
2. Press <RIGHT> direction button to select "Rating", and then press <ENTER>.
3. Press <UP> button / <DOWN> button to select "Load Factory" and then press <ENTER>.



Troubleshooting Guide

Before requesting service for this portable DVD player, check the chart below for a possible cause of the problem you are experiencing. Some simple checkups or a minor adjustment on your part may eliminate the problem and restore proper operation.

SYMPTOM(COMMON)	REMEDY
No power	<ul style="list-style-type: none"> Insert the power plug securely into the power outlet. Check if the ON/OFF button is set to on. Check if no power at the AC outlet by plugging in another appliance for a test. Recharge the battery.
The player does not start playback when PLAY is pressed	<ul style="list-style-type: none"> Condensation has formed: wait about 1 to 2 hours to allow the player to dry out. Check if the disc is defective by trying another disc. Check the region (Iccaf) code. Disc may have been placed in the tray upside down.
The player starts playback but stops immediately	<ul style="list-style-type: none"> The disc may be dirty and may require cleaning. Ensure that the disc is installed with the label side up.
No picture	<ul style="list-style-type: none"> Ensure that the equipment is connected properly. Ensure that the input setting for the TV is "Video". Check if external equipment is on. Select the same channel and source on the TV as on the player.
No sound	<ul style="list-style-type: none"> Ensure that the disc is inserted properly and turn the disc. Check the external equipment and connections. Check the Audio Output Setting menu (make sure the Analog Output is selected). Check the Volume Adjustment.
Distorted sound	<ul style="list-style-type: none"> Ensure that the input settings for the TV and stereo system are proper.
Distorted picture	<ul style="list-style-type: none"> Check the disc for fingerprints and dust. Wipe the disc with a soft, lint-free cloth from the center hole to the outer edge. Sometimes a small amount of picture distortion may appear. This is not a malfunction.
No rapid advance/reverse	<ul style="list-style-type: none"> Some discs may have sections which prohibit rapid advance/reverse.
No subtitles	<ul style="list-style-type: none"> Check the correct setup TV/DISPLAY menu which matches the TV set used.
No operations perform with the remote control	<ul style="list-style-type: none"> Check the batteries are installed with the correct polarity (+ and -). The batteries are depleted: replace them with new ones. Point the remote control unit at the remote control signal sensor and operate. Operate the remote control unit at a distance but no more than 6 meters from the remote control signal sensor. Remove the obstacles between the remote control unit and remote control signal.
No key operation (by the DVD player power and/or the remote control) is effective	<ul style="list-style-type: none"> Turn the disc off and turn back to on. Alternatively, turn off the unit, disconnect the AC cord and then reconnect. The player may not be operating properly due to lightning, static electricity or some other external factor.
PLAY does not start playback even when title is selected	<ul style="list-style-type: none"> This may be a result of the parental lock function that has been set. Confirm the "PARENTAL" setup.
Audio, soundtrack and/or subtitle language is not the one selected at the initial settings	<ul style="list-style-type: none"> If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.
No subtitles	<ul style="list-style-type: none"> Subtitles appear only with discs that contain them. Subtitles are hidden from the TV screen. Press SUBTITLE to display the subtitles.
Angle cannot change	<ul style="list-style-type: none"> This function depends on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.
I forgot my password for parental control	<ul style="list-style-type: none"> Enter overriding password: 3308

Disc Handling and Maintenance

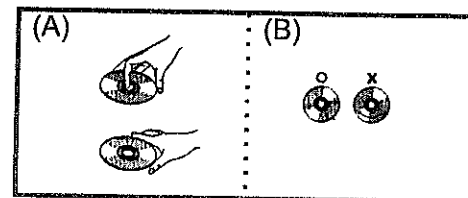
Handling Precautions

- Hold the disc by the edges to avoid fingerprints. (A)
Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other sol-vent.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc tray.
- Do not try to close the disc cover on an improperly installed DVD.
- Be sure to store the disc in its exclusive case when not in use.

If the surface is soiled (B)

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the center hole toward the outer edge. (If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause noise.)



If the disc is brought from a cold to a warm environment, moisture may form on the disc. Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

Maintenance

- Be sure to turn the unit off and disconnect the AC power cord.
- Wipe this unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

Definition of Terms

Angle

Recorded onto certain special edition DVD discs are scenes that have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

Chapter Number

These numbers are recorded on DVD discs. A title is subdivided into many sections, each of which is numbered, and specific parts of video presentations can be searched quickly using these numbers.

DVD

Refers to a high-density optical disc on which high-quality pictures and sound have been recorded by means of digital signals. Incorporating a new video compression technology (MPEG II) and high-density recording technology, DVD enables aesthetically pleasing full-motion video to be recorded over long periods of time (for instance, a whole movie can be recorded).

DVD has a structure consisting of two 0.6 mm thin discs which are adhered to each other. Since the thinner the disc, the higher the density at which the information can be recorded, a DVD disc has a greater capacity than a single 1.2 mm thick disc. Since the two thin discs are adhered to each other, there is the potential to achieve double-sided play sometime in the future for even longer duration play.

Subtitles

These are the printed lines appearing at the bottom of the screen which translate or transcribe the dialogue. They are recorded on DVD discs.

Time Digit

This indicates the play time which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (It may not work with some discs.)

Title Number

These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as title 1, title 2, etc.

Track Number

These numbers are assigned to the tracks which are recorded on audio CDs. They enable specific tracks to be located quickly.

Specifications

Portable DVD Video Player

Power Supply	~120V-240V, 60Hz
Power Consumption	9.5W
Mass	0.9kg
External Dimensions	205(W)x155(D)x40(H) (mm)
Laser	Semiconductor Laser, wavelength 655nm

Outputs

Video Output	1.0V(p-p), 75ohms, negative sync
Audio Output (digital output)	0.5V(p-p), 75ohms
Audio Output (analog audio)	2.0V(rms), 10Kohms

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* Designs and specifications are subject to change without notice.

* Weight and dimensions are approximate.

IMPORTANT

Since DVD circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected tuner.

NOTE:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television operation (which can be determined by turning the equipment off), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.