

User Guide | Guide de l'utilisateur | Guía del Usuario



Vertical DVD player
Lecteur de DVD vertical
Reproductor de DVD vertical

NS-VDVD1

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Welcome

Congratulations on your purchase of a high-quality Insignia product. Your NS-VDVD1 represents the state of the art in vertical DVD player design, and is designed for reliable and trouble-free performance.

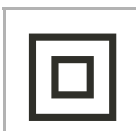
Contents

| | |
|---|-----------|
| Welcome | 1 |
| Safety precautions | 1 |
| Getting to know your DVD player | 6 |
| Setting up your player and remote | 13 |
| Using your player | 17 |
| Making advanced settings | 21 |
| Maintenance | 25 |
| Troubleshooting | 26 |
| Specifications | 27 |
| Warranty | 28 |
| Francais | 31 |
| Español | 63 |

Safety precautions



| | |
|--|---|
| | The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock. |
| | The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. |



The symbol for CLASS II (Double Insulation)

Warning

To reduce the risk of fire or electric shock, do not expose this player to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the case.

Warning

To prevent electric shock, match the wide blade on the plug to the wide slot and fully insert the plug.

Warning

This player employs a laser system. To ensure the correct use of the player, read this manual carefully and keep it for future reference. If the player requires servicing, contact the seller or our service center. For more information, see "Maintenance" on page 25.

To prevent direct exposure to the laser radiation, do not open the case. Invisible laser radiation is present when the case is opened or the interlocks are defeated. Do not stare into the laser beam.

Use of any controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.

Caution

Any change or modification to the player not expressly approved by the manufacturer or its authorized parties could void your authority to operate the player.

Specific instructions

- **Read instructions**—Read all the safety and operating instructions before operating the player.
- **Retain instructions**—Retain the safety and operating instructions for future reference.
- **Warnings**—Adhere to all warnings on the player and in the operating instructions.
- **Follow instructions**—Follow all operating and use instructions.
- **Cleaning**—Unplug this player from the power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- **Disc**—Do not use irregularly shaped discs such as heart or star-shaped discs as they may cause the DVD player to malfunction. Do not stick paper, tape, or glue on the disc. Do not expose the disc to direct sunlight or heat sources. Do not touch the surface of the disc. Handle the disc by its edge. Clean the disc by wiping the disc from the center out with a cleaning cloth. Remove the disc from the DVD player and store it in its case after playing. Some playback operations of discs

may be intentionally fixed by software producers. Since this DVD player plays discs according to the disc contents the software producers designed, some playback functions may not be available. Also refer to the instructions supplied with the discs.

- **Regional Coding**—Both the DVD player and disc are coded by region. These regional codes must match in order for the disc to play. If the codes don't match, the disc won't play. This DVD player's code is Region 1. DVDs with other regional codes cannot be played in this DVD player.
- **Handling**—Take care not to drop the player or subject it to strong shocks, which may cause damage or malfunction.
- **Attachments**—Use of attachments not recommended by the player manufacturer may cause hazards.
- **Accessories**—Do not place this player on an unstable cart, stand, tripod, bracket, or table. The player may fall, causing serious injury to a child or adult, and serious damage to the player. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the player. Any mounting of the player should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A player and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the player and cart combination to overturn.
- **Burden**—Do not place a heavy object on or step on the player. The object may fall causing serious personal injury and serious damage to the player.
- **Placement**



Avoid placing the player in the following places:

- Under direct sunlight or near a source of heat, such as a heater or header duct.
- Where it is very dusty or sandy.
- In wet or humid places, such as a bathroom.
- Near sources of strong magnetism, such as a television or a magnet.
- Where there is a lot of movement or vibration, such as on a car dashboard or on an unstable shelf.
- Where it is extremely hot or cold.
- Where the player is exposed to rain or water.

- **Grounding or polarization**—This player may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will only fit into the power outlet one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat this safety feature of the polarized plug.
- **Power cord protection**—Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at plugs, outlets, and the point where they exit from the player.
- **Lightning and power surges**—For added protection during a lightning storm, or when the player is left unattended and unused for long periods of time, unplug it from the power outlet. This will prevent damage to the player due to lightning and power-line surges.
- **Overloading**—Do not overload power outlets, extension cords, or integrated outlets as this can result in a risk of fire or electric shock.
- **Object and liquid entry**—Never push objects of any kind into this player. Doing so could cause a fire or electric shock. Never spill liquid of any kind on the player.
- **Servicing**—Do not try to service this player yourself. Service must be done by qualified service personnel only.
- **Damages requiring service**—Unplug this player from the power outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged.
 - If liquid has been spilled or objects have fallen into the player.
 - If the player has been exposed to rain or water.
 - If the player does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. The incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the player to its normal operation.
 - If the player has been dropped or damaged in any way.
 - When the player exhibits a distinct change in performance which may indicate a need for service.
- **Replacement parts**—When replacement parts are required, make sure that the service technician uses replacement parts that are specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

- **Safety check**—Upon completion of any service or repair to this player, ask the service technician to perform safety checks to make sure that the player is in correct operating condition.

Note

When the player is in use for a long period of time, the surface of the player will be hot. This will not affect its operation.

Notices:

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

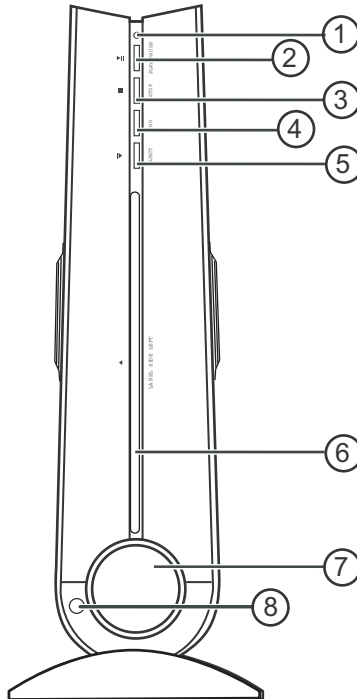





“DTS” and “DTS Digital Out” are trademarks of Digital Theater Systems, Inc.

Getting to know your DVD player

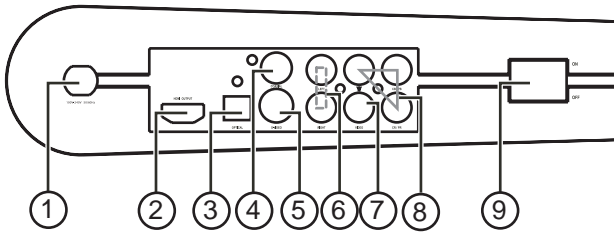
Identification of controls and connections

The front panel



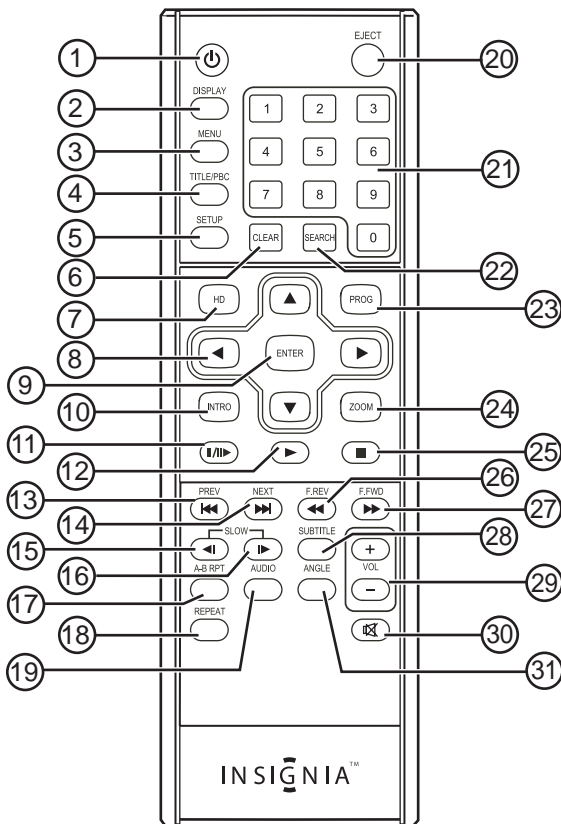
| | |
|---|---|
| 1 | Power indicator LED |
| 2 |  PLAY/PAUSE button |
| 3 |  STOP button |
| 4 | HD button |
| 5 |  EJECT button |
| 6 | Disc slot |
| 7 | LED screen |
| 8 | Remote control sensor |

The back panel


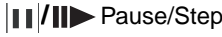


| | |
|---|------------------------------------|
| 1 | AC power jack |
| 2 | HDMI output jack |
| 3 | Optical digital audio output jack |
| 4 | Coaxial digital audio output jack |
| 5 | S-video output jack |
| 6 | Right and Left audio output jacks |
| 7 | Video output jack |
| 8 | Y, Cb/Pb, Cr/Pr video output jacks |
| 9 | Power On/Off switch |

The remote control












| Item | Button | Function or control |
|------|--------------|---|
| 1 | POWER | Turns the player on or off. |
| 2 | DISPLAY | Opens the on-screen display to adjust the picture. |
| 3 | MENU | Opens or closes the on-screen menu. |
| 4 | TITLE/PBC | Shows the title menu (main menu) on a DVD. PBC lets you play video CDs interactively. |
| 5 | SETUP | Accesses the Setup menu. |
| 6 | CLEAR | Lets you cancel information you input by mistake. |

| Item | Button | Function or control |
|------|--|---|
| 7 | HD | Switches to HD (high definition) output and lets you choose the resolution from the following: 576p, 720p, or 1080i. |
| 8 |  (Direction buttons) | Navigates the on-screen menus. |
| 9 | ENTER | Selects an item or confirms a setting. |
| 10 | INTRO | Lets you select a digest type, which displays thumbnails of the program titles or chapters. Move the cursor to select the thumbnail, then press ENTER/PLAY to start playback from that point. |
| 11 |  Pause/Step | Press to pause playback of a DVD. Press repeatedly to step through the playback. Press PLAY to resume playback. |
| 12 | ▶ Play | Press to start the playback of a DVD or to resume playback from pause. |
| 13 | ◀◀ PREV | Backs up to the previous chapter, track, or scene during playback of a DVD. |
| 14 | ▶▶ NEXT | Advances to the next chapter, track, or scene during playback of a DVD. |
| 15 | ◀ SLOW back | Backs up a DVD in slow motion. Press repeatedly to increase speed. Press Play to resume normal playback. |
| 16 | ▶ SLOW forward | Slow motion playback of a DVD. Press repeatedly to increase speed. Press Play to resume normal playback. |
| 17 | A–B RPT | Accesses the A–B Repeat function to repeat selected parts of a disc. |
| 18 | REPEAT | Repeats a disc or selected titles, chapters, or tracks. |
| 19 | AUDIO | Lets you select from the available languages on a DVD. |
| 20 | EJECT | Ejects the disc from the player. |
| 21 | (Number buttons) | Enters numbered choices and selections on the on-screen menus. |

| Item | Button | Function or control |
|------|-------------------------|---|
| 22 | SEARCH | Press to access the <i>Search</i> menu. |
| 23 | PROG | Press to enter program mode while playing a disc. |
| 24 | ZOOM | Zooms the picture in or out. |
| 25 | ■ Stop | Press once to stop the playback of the DVD at the present point. Press twice to stop playing the DVD. |
| 26 | ◀◀ F.REV (fast reverse) | Scans backward at 2, 4, 8, 16, or 32 times normal. |
| 27 | ▶▶ F.FWD (fast forward) | Scans forward at 2, 4, 8, 16, or 32 times normal. |
| 28 | SUBTITLE | Turns on and selects the subtitles available on the DVD. |
| 29 | VOL + / - | Press + to increase volume, or - to decrease volume. |
| 30 | 🔇 Mute | Press once to mute the sound. Press again to return the sound to normal. |
| 31 | ANGLE | Lets you select an alternate viewing angle (when available). |

Playable discs

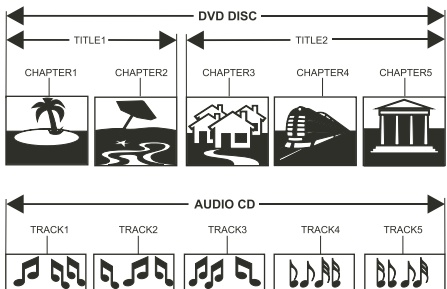
| Type | Label | Contents | Size |
|------------------|---|-----------------------------------|-------|
| DVD video |  | Audio and video (motion pictures) | 12 cm |
| | | | 8 cm |
| Super DVD (SVCD) |  | Audio and video (motion pictures) | 12 cm |
| | | | 8 cm |
| Video-CD (VCD) |  | Audio and video (motion pictures) | 12 cm |
| | | | 8 cm |

| Type | Label | Contents | Size |
|-------------|---|--------------------------------------|-------|
| DVCD | DVCD | Audio and video (motion pictures) | 12 cm |
| | | | 8 cm |
| Audio CD |  | Audio | 12 cm |
| | | | 8 cm |
| MP3 | MP3 | Audio | 12 cm |
| | | | 8 cm |
| JPEG |  | Video (pictures) | 12 cm |
| | | | 8 cm |
| KODAK CD |  | Video (pictures) | 12 cm |
| | | | 8 cm |
| CD-R |  | Audio or video | 12 cm |
| | | | 8 cm |
| CD-RW |  | Audio or video | 12 cm |
| | | | 8 cm |
| HD CD |  | Audio | 12 cm |
| | | | 8 cm |


Disc structure

DVDs are divided into titles, and the titles are sub-divided into chapters. Audio CDs are divided into tracks.

Each title, chapter, or track is assigned a number, called title number, chapter number, or track number, respectively.



Notes



- Discs other than those listed above cannot be played.
- Non-standardized discs, even if they are labeled as above, cannot be played.
- The performance of recorded discs depends on the method and quality of disc-burning. In some cases, the disc may not be playable.
- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside or their case may cause warping.

Setting up the player and remote

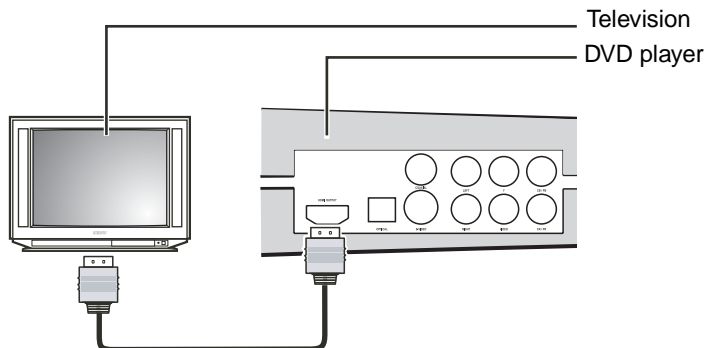
Box contents

Make sure the box contains the following items:

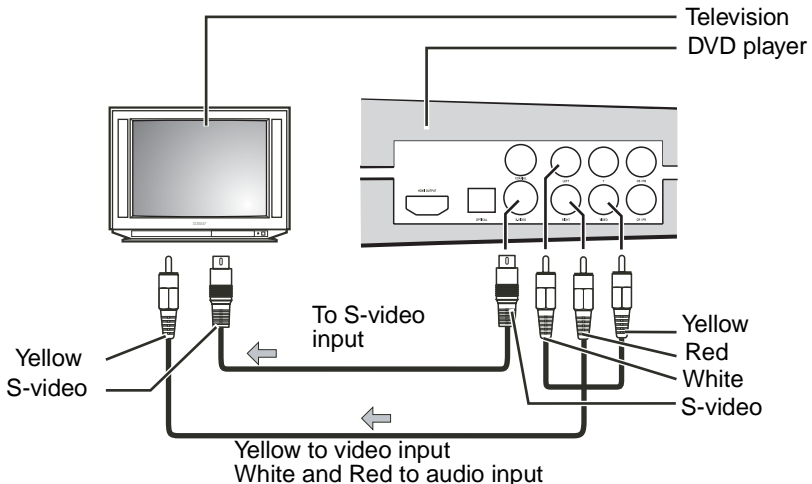
- DVD player
- Remote control with batteries (2)
- Audio/video cable (1)
- User manual

Making connections

Connecting to a device with an HDMI connection

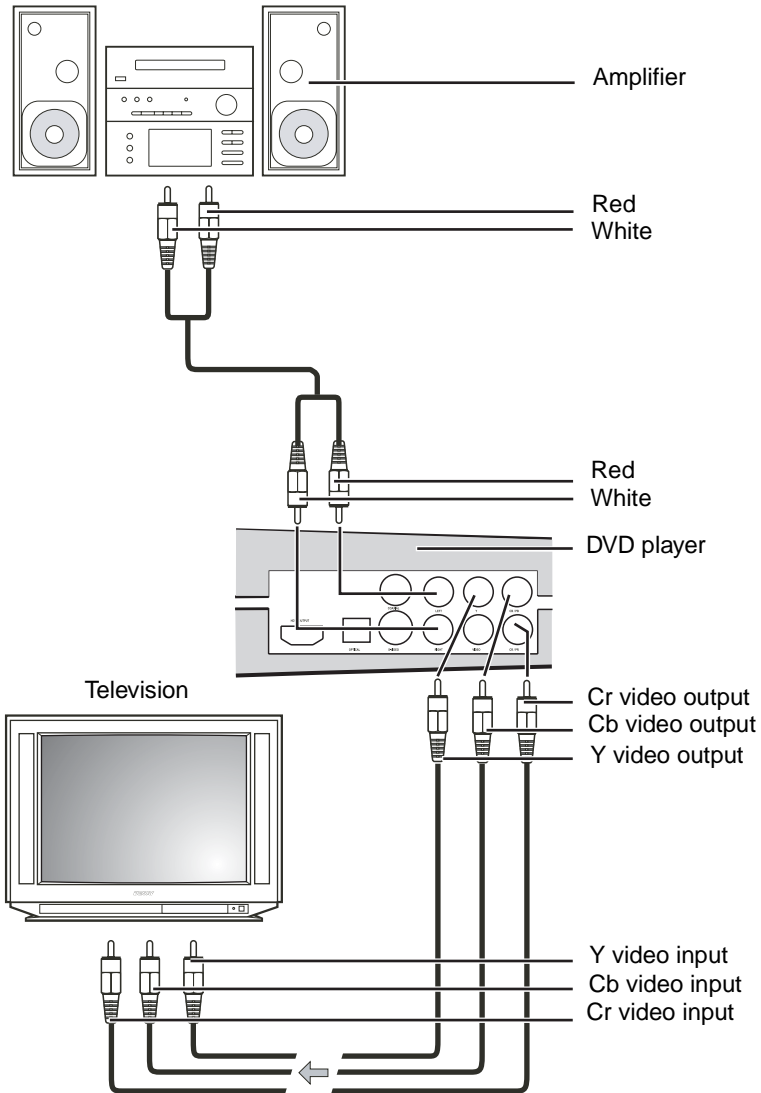


Connecting to a TV with video or S-Video cable

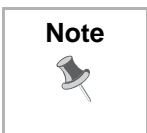
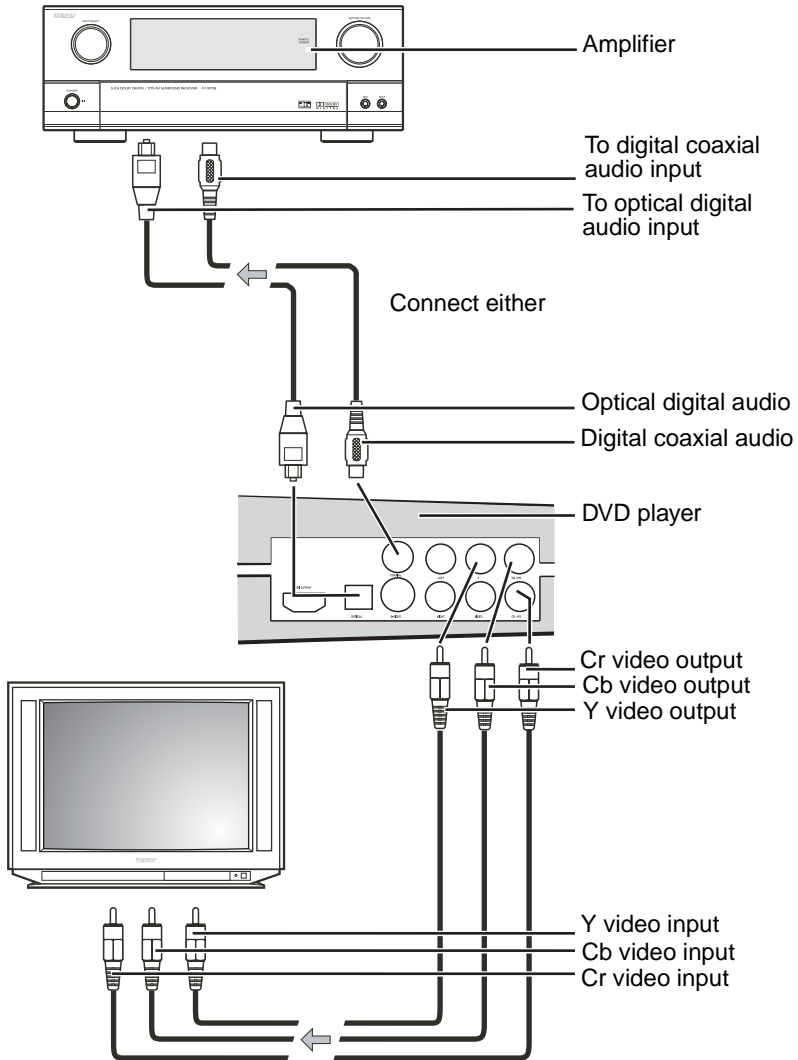


If the TV has an S-video input, connect the player with an S-video cable. When using an S-video cable, do not connect the yellow video cable.

Connecting to a TV with YUV video input



Connecting to an amplifier with a digital audio input and a TV

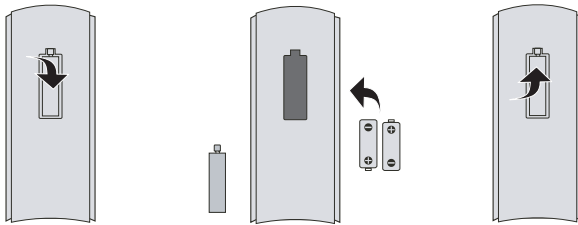


Note

When making connections:

- Turn off the DVD player and other equipment.
- Insert the plug fully.
- Hold the plug while unplugging the cord. Do not pull the cord.

Setting up the remote control



To install the battery:

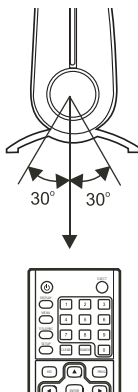
- 1 Open the battery compartment of the remote control.
- 2 Insert the batteries, making sure to match the + and – polarity of the batteries with the marks inside the battery compartment.
- 3 Close the battery compartment.

Notes



- The batteries may last for about one year. Replace the batteries if the remote control does not work.
- Do not charge, heat, open, or short-circuit the batteries.
- Do not throw batteries into a fire.
- Do not use different types of batteries together, or mix old and new batteries.
- Remove the batteries if the remote control will not be used for an extended period of time.

To use the remote control, point it at the remote sensor of the player. (Operate in the range of 23 feet (7 meters) and 60°.)



Note



- Do not expose the remote sensor to a strong light, such as direct sunlight, or you may not be able to operate the player with the remote.
- Do not drop the remote control, or subject it to a strong shock.
- Do not leave the remote control in a hot or humid location.
- Do not open the remote control or spill water into it.

Using the player

Playing DVDs and CDs

To play a disc:

- 1 Turn your TV on and select the video input from the player.
- 2 Press **POWER** on the back of the player.
- 3 Press the **VOLUME** buttons to adjust volume (including when using headphones).
- 4 Hold the edges of the disc and place the disc into the disc slot with the label facing left. The disc should automatically start playback.
If the disc does not automatically start playback, press ► Play.
If the disc starts playback with a menu, use the direction buttons to select menu options, then press ► Play.
- 5 Remove the disc and turn off the player.

Note



Do not place an unplayable disc into the player.

To pause a disc playing a movie:

- 1 When playing a DVD, press **|| / ||▶** Pause/Step to make playback pause.
- 2 Pressing **|| / ||▶** again advances the picture one frame at a time.
- 3 Press ► Play to resume normal playback.

To pause a disc playing music:

- 1 When playing a CD, press **|| / ||▶** Pause/Step to make playback pause.
- 2 Press ► Play to resume normal playback.

To go to the next or previous chapter:

- 1 When playing a DVD, press **⏮** (PREV) to go back to the start of the chapter.
- 2 Press **⏮** (PREV) again to go to the previous chapter.
- 3 Press **⏭** (NEXT) to go to the next chapter.

To use fast forward or fast reverse:

- 1 When playing a DVD, press **⏩** **F.FWD** to fast forward through the disc. Each time **⏩ F.FWD** is pressed, the speed increases.
- 2 Press **⏪** **F.REV** to fast reverse through the disc. Each time **⏪ F.REV** is pressed, the speed increases.
- 3 Press ► Play to resume normal playback.

To play a disc using slow forward or slow reverse (not available for CDs or MP3s):

- 1 When playing a CD, press **▶** or **◀** to play the disc in slow motion forward or reverse.
- 2 Press the same button again to increase the speed forward or back.
- 3 Press **▶ Play** to resume playback.

To adjust the volume:

- To adjust the volume, press the VOL + or – button.

To stop playback:

- 1 Press **■ Stop** to stop playback.
- 2 Press **▶ Play** to resume playback at the point where the disc was stopped.
- 3 Press **■ Stop** twice to stop the playback of DVD discs completely.

Notes

- “∅” may appear on the TV screen during operation. This means that the operation is not permitted by the player or the disc.
- When the screen saver is on, you can press any key to return to player operation. To disable the screen saver, set Screen Saver to **OFF** in the General Setup Page of the System Setup.

Using advanced playback options

The following playback options are for DVDs. Operation and display on the screen may be different for other disc formats. Use the remote control to activate these options.

HD—Press to switch to HD (high definition) output and select the resolution from the following: 576p, 720p, or 1080i.

DISPLAY—Press to cycle through “title elapsed,” “title remain,” “chapter elapsed,” “chapter remain,” and “display off.”

SEARCH—Press once to display the *Search* menu. With the Search menu open, press **▲** or **▼** to select an item to search for, then press **ENTER** to confirm. Press **SEARCH** again to cancel search mode.

REPEAT—Press to repeat the Chapter, press it again to repeat the Title, press it a third time to repeat All, and press it again to cancel repeat.

A-B REPEAT—Press to select a starting point (A), press it again to set an end point (B) and complete the setting. The selected section is repeated. Pressing **A-B REPEAT** a third time will cancel this function.

PROGRAM—When playing a disc, press this button to enter program mode. Use the number keys enter the program number that you want. When your program is completed, move the cursor to select **START**. The program starts. Press **■ Stop**, then **ENTER** to stop the program.

INTRO—Press to display a menu that lets you select the type of intro you want. When you select an intro, press **ENTER** or **► Play** to display thumbnails of the available starting points. Move the cursor or use the number keys to select the starting point you want, then press **ENTER** or **► Play**. The disc will play back from the point you select.

ZOOM—Press to zoom into the picture. Each time the button is pressed, the magnification level changes.

SUBTITLE—Press to turn on subtitles (the number of languages depends on disc). Pressing the button repeatedly cycles through the available languages.

AUDIO—Press to change the audio mode.

ANGLE—Press to view the action from different angles (some DVDs may not offer this feature).

MENU—Press to display the root DVD menu (available on DVDs having multi-layer menus).

TITLE/PBC—Press to display the title menu, then select the chapters you want (Available on some DVDs).

PBC lets you play Video CDs interactively. If PBC is On, you can use the number buttons to select tracks in the menu. If PBC is Off, you can select the tracks directly.

CLEAR—Press to cancel information entered by mistake.

VOLUME and MUTE—Press **+** to increase volume and **-** to decrease to volume. Press **MUTE** to mute the sound. Press it again to restore the sound.

Using the HDMI interface

HDMI (High-definition Digital Multimedia Interface) supports EDID and DDC2B, and lets the player integrate with video equipment seamlessly, automatically selecting the best video and audio formats available.

HDMI supports all ATSC HDTV standards and provides the highest picture quality available. HDMI only requires one cable and uses a high speed digital signal (5 Gbps) to transfer unzipped, high-resolution, and multi-channel audio data. HDMI supports DVD Audio and other advanced digital audio formats, as well as 8-channel 96 kHz digital audio transmission. HDMI works with HDCP (High-bandwidth Digital Content Protection), to prevent copyrighted material from being copied without authorization.

Playing MP3 discs

To play an MP3 disc:

- 1 Insert an MP3 disc. A navigation menu is displayed.
- 2 Press press **▲** or **▼** to select a folder, then press **ENTER** to confirm.
- 3 In the folder, press **▲** or **▼** to select the file to play, then press **ENTER** or **► Play** to play the file.

- 4 Press **◀** to return to the previous menu, or press **PREV** or **NEXT** to go to the previous or next page.

Playing Kodak Picture CDs

To play a Kodak Picture CD:

- 1 Insert the CD into the player. A slide show automatically begins. Each picture on the CD is displayed consecutively, in slide-show fashion, and is scaled to fit in the whole TV screen.
- 2 Press **PROG** to set transition effects for each picture.
- 3 Press **PAUSE** to pause the slide show.
- 4 Press **NEXT** or **PREV** to view the next or previous picture.
- 5 press **ENTER** or **▶ Play** to resume the slide show.

To rotate the image:

- Use the arrow keys to select one of four rotation modes:
 - **▲** Up - Invert/Normal
 - **◀** Left - Turn left
 - **▼** Down - Mirror/Normal
 - **▶** Right - Turn right

The rotation mode is cancelled automatically when a new picture is displayed.

To use Zoom:

- 1 Press **ZOOM** to turn this function on or off. When zoom is on, any picture is displayed at the last ratio you selected (indicted by a message on the screen).
- 2 Press **F.FWD** and **F.REV** to control the ratio of zoom in or out. With zoom mode off, a picture is scaled to fit the whole TV screen.

Note

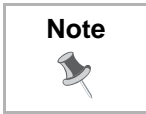


With the zoom function on, slide-show transition and image rotation are disabled. To cancel the zoom function press **ZOOM** again. The slide-show resumes.

To use Digest:

- 1 Press **■ Stop** to display thumbnail sized pictures of the disc contents.
- 2 Select any of the displayed thumbnails as a starting point for the slide show by using the arrow keys, then press **ENTER** or **▶ Play**. The thumbnail is enlarged to fit the TV screen and the slide show starts.
- 3 Press **PAUSE** to pause the image.
- 4 Press **NEXT** or **PREV**. to view the next or previous picture.

- 5 Press **ENTER** or **▶ Play** to resume the slide show.

**Note**

The quality of the pictures displayed on the screen depends on the viewing device.

Playing JPEG discs

To play a JPEG disc:

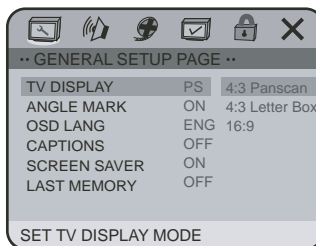
- 1 Insert the JPEG disc. A navigation menu is displayed.
- 2 Press **▲** or **▼** to select a file, then press **ENTER** or **▶ Play** to play the slide show.
- 3 Press **◀** to return to the previous menu, or press **PREV** or **NEXT** to select the previous or the next picture.
- 4 Press **PAUSE** to pause the current picture, then press **ENTER** or **▶ Play** to continue playback.
- 5 Press **ZOOM** to zoom in on a picture, then press **PREV** or **NEXT** to switch pictures.
- 6 Press **F.REV** and **F.FWD** to select a different enlargement ratio.

Making advanced settings

Setup Menu


To access the *Setup* menu:



- 1 Press **SETUP** on the remote. The *Setup* menu opens with the *General Setup Page* highlighted.







- 2 Press the **▶ ◀** to select a different menu (Audio Setup, Video Setup, Preference Setup, Password Setup, or Exit setup), or **▲ ▼** to select a menu item on the current menu, then press **ENTER** to confirm your selection.
- 3 Press the **◀** to return to the previous menu.
- 4 Press **SETUP** again, or highlight the **X**, to exit the *Setup* menu.









Using the menus

| Menu | Available settings |
|--|---|
| <p>General Setup Page</p>  | <p>TV Display—You can select from 4:3 Letter box, 4:3 Pan scan, or 16:9 Wide. See “Setting the TV screen size” on page 25.</p> <ul style="list-style-type: none"> • No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio. • The display format of DVD titles may vary. Please refer to the information that accompanies your DVD. • If a DVD recorded in 16:9 wide format is shown on a standard 4:3 screen TV, horizontal compression of the image will result. • Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regardless of which TV display format you select. <p>Angle mark—You can select a particular camera angle when playing a DVD offering multiple angles.</p> <p>On Screen Display (OSD) Language—You can select the language for the setup menu and on-screen display.</p> <p>Captions (closed)—You can choose to have the picture shown with recorded captions. For the hearing-impaired.</p> <p>Screen Saver—You can choose to have an animated picture on the screen whenever the DVD player is idle for a set time period.</p> <p>Last Memory—You can set the player to continue viewing a disc from the point where you stop watching. Unlike the resume function, Last Memory is effective even if the DVD is removed from the player. Last Memory may not work reliably with some VCDs that feature PBC.</p> <ul style="list-style-type: none"> • When Last Memory is ON, each time you remove the disc or stop playing the disc (standby), the player memorizes the point where you stop and begins play again from that point. • This function is effective while the power remains on, even when the remote control is used to put it in standby mode. |

| Menu | Available settings |
|--|---|
| Audio Setup Page  | <p>Downmix mode—You can set the front speakers to left and right stereo.</p> <p>POST DRC (Dynamic Range Compression)—You can set this to even the sound level, quieting loud noises and increasing dialogue.</p> <p>SPDIF Output—You can choose from three SPDIF settings:</p> <ul style="list-style-type: none"> • SPDIF OFF—Analog surround sound is output through the back-panel connections for L, R, LS, RS, and Center speakers, and a Subwoofer simulation. • SPDIF/RAW or SPDIF/PCM—Surround sound is output to a Dolby Digital / DTS decoder through the optical and coaxial connectors on the back-panel. <p>Note: The DVD player simultaneously outputs a Dolby Digital signal and an analog signal, but you have to select the analog output if you want to take advantage of the Karaoke effects.</p> <p>LPCM (Linear Pulse Code Modulation) OUT—You can set this to LPCM 48K or LPCM 96K for audio format.</p> <p>Dolby Digital Setup</p> <ul style="list-style-type: none"> • Dual Mono—If your amplifier/decoder has Dolby Digital output, you can select stereo, left mono, right mono, or mixed mono mode for your amplifier decoder. • Dynamic—You can set this to dynamically lower the volume and still keep the original tone quality. This is the range, measured in decibels (dB), between the loudest and the quietest sounds in a soundtrack. <p>HDCD Setup</p> <ul style="list-style-type: none"> • Filter—You can choose the sampling frequencies of the digital filter. The higher the sampling frequencies, the clearer the audio quality. The default setting is Off. For HDCD playback, choose 1X or 2X. |
| Video Setup  | <p>Resolution—You can select the resolution output of the player to match your TV.</p> <p>HDCP Setup—You can turn HDCP On or Off.</p> <p>Video Format—You can set the video output format to match your TV.</p> <p>Audio Source—You can set the audio source that you use to provide sound to your TV.</p> <p>HDMI Src—You can set the HDMI source to On or Off. See “Using the HDMI interface” on page 19</p> <p>Quality—You can set the video elements affecting picture quality:</p> <ul style="list-style-type: none"> • Sharpness—Sets the sharpness level of the picture. • Brightness—Sets the brightness level of the picture. Press ▶ and the TV will display a value. Press ◀/▶ to adjust, then press ENTER to confirm and return to the menu. • Gamma—Sets the gamma value of the picture. • Luma (Luminance) Delay—Sets the luminance delay of the picture, depending on the TV’s brightness and color. For DVDs the normal setting is 1T. |

| Menu | Available settings |
|--|---|
| <p>Preference Setup Page</p> <p></p> | <p>Note: The preference setting is active only when no disc or stop completely, and the setting is effective on next time power on till exchanging the saved setting.</p> <p>TV TYPE—You can set your player to support different television standards, including MULTI (Auto), NTSC, and PAL. If your TV supports only NTSC or PAL, and you select the wrong TV type, the screen flickers the picture is black-and-white. If that happens, press SETUP to reset the player to match the video signal compatibility of your TV.</p> <p>PBC Mode—You can set the PBC (Playback Control) On or Off.</p> <p>AUDIO—You can set the preferred default audio language for DVDs. (Depends on the languages available on the DVD.)</p> <p>SUBTITLE—You can set the preferred default subtitle language for DVDs. (Availability depends on the languages available on the DVD.)</p> <p>DISC MENU: You can set the preferred default menu language for DVDs. (Availability depends on the languages available on the DVD.)</p> <p>PARENTAL—The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.</p> <p>Note: The PARENTAL setting can be changed when the Password mode is set to Off. After setting the level of parental control, the password must be set to On to lock the setting.</p> <p>COUNTRY REGION—You can set your preferred country region language as the default when playing DVDs. (Availability depends on the languages available on the DVD.)</p> <p>DEFAULT—You can reset the player to the manufacturer's original settings for this DVD player. To do this, select RESET, then press ENTER.</p> |
| <p>Password Setup</p> <p></p> | <p>PASSWORD MODE—Set this to On to lock the Parental setting and Off to change the Parental setting. To change the setting, you will be asked for a password. The initial password is 136900.</p> <p>PASSWORD CHANGE—You can change the password. Select CHANGE, then press ENTER. Type the old password, then type the new password (as many as 6 numerals), then type it again to confirm. Select OK to exit.</p> |
| <p>Exit</p> <p></p> | <p>Select  to exit the setup menu.</p> |

Setting the TV screen size

| Picture format on Disc | TV Screen Size | | |
|---|---|---|---|
| | 4:3 | | 16:9 |
| | Pan Scan | Letter-box | Wide Screen |
| 4:3  |  |  |  |
| 16:9  |  |  |  |

Maintenance

Precautions for handling and cleaning discs

Handling discs

- To keep a disc clean, do not touch the play side (non-label side) of the disc.
- Do not attach paper or tape to the disc.



- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

Cleaning discs

- Before playback, wipe the disc outwards from the center with clean cloth.



Keep dust from the pickup lens by keeping the disc tray closed after use. If there is dust on the pickup lens, use a cleaning disc to clean it. Refer to the operating instructions of the cleaning disc you bought.

Troubleshooting

Please check the following guide for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

| Problem | Solution |
|---|---|
| No power | Make sure that the power connection is secure. |
| No picture | Make sure that there is a good connection between the player and the TV. |
| | Make sure that the TV is in good working condition. |
| No sound | Make sure that there are good connections between the player and other devices. |
| | Make sure that the TV and AMP are in good working condition and setup properly. |
| Disc will not play | Make sure that the disc is properly inserted. |
| | Clean the disc. |
| Fails to respond to remote control | Remove obstacles between remote control and player. |
| | Aim remote control at the sensor on the front panel. |
| | Check batteries in the remote control and replace them if necessary. |
| Picture distorted | Check the disc for dirt and scratches. Clean or replace disc. |
| | Shut down the player, wait ten seconds, and restart the player. |
| The player does not operate using the buttons on the player | A power surge, brown out, or other electrical phenomena may have caused a problem with the player. Shut down the player, wait ten seconds, then restart the player. |

Condensation

The following circumstances may result in condensation on the pickup:

- If you have just turned on the heater or the cold air from an air conditioner directly hits the unit.
- If you move the unit from an air conditioned room to a hot, humid room.
- The room is humid or damp.

If condensation occurs, the player will not operate properly. Remove the disc, connect the power cord, turn on the player, and leave it for two or three hours so the player can warm up and evaporate any moisture.

Specifications

| | | |
|---------------------------------|-------------------------|---|
| Video system | | NTSC/PAL |
| Frequency response | | CD: 20 Hz - 20 KHz (EIAJ) DVD: 20 Hz - 44 KHz (96 KHz) 20 Hz - 22 KHz (48 KHz) |
| Audio signal/noise ratio | | > 90 dB |
| Video/Picture | | MPEG1 V2.0, MPEG2 |
| Audio | | MPEG LAYER2 standard |
| Output | Audio output | Analog: 1.8V at 10 K-Ohms Digital: 0.5V p-p at 75-Ohms |
| | Video output | 1V p-p at 75-Ohms unbalanced negative |
| | S-video output | Brightness (Y) 1.0V p-p at 75-Ohms Chrominance (C) 0.286V p-p at 75-Ohms |
| | Component output | 0.7V p-p at 75-Ohms |
| Power | | ~ 100V - 240V 50/60 Hz |
| Power consumption | | <18W |
| Operating temperature | | 41 ~ 95°F (5 ~ 35°C) |
| Operating humidity | | 5% to 90% |
| Dimensions (LxWxH) | | 2.36 × 10.04 × 9.53 inches (60 × 255 × 242 mm) |
| Weight | | About 3.3 lbs. (1.5 kg) |

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FCC statement

FCC warning

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

Laser safety

Location: Inside, near the deck mechanism.

This player employs a laser. Only a qualified service person should remove the cover or attempt to service this player, due to possible eye injury.

Warning

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Warning

Visible and invisible laser radiation when open and interlock defeated. Do not stare into beam.

Limited warranty

Insignia Products warrants to you, the original purchaser of this Product, that this product shall be free of defects in material or workmanship for a period of ninety (90) days from the date of purchase as follows:

1. **LABOR:** During the Warranty Period if this Product is determined to be defective, Insignia will repair or replace the Product, at its option at no charge, or pay the labor charges to any Insignia authorized service facility. After the Warranty Period, you must pay for all labor charges.
2. **PARTS:** In addition, Insignia will supply, at no charge, new or rebuilt replacement parts in exchange for defective parts for the Warranty Period. After the Warranty Period, you must pay all parts costs.

To obtain warranty service, you must take the Product with your original receipt or other proof of purchase, either in its original packaging or packaging affording an equal degree of protection, to your nearest retail store location of the store or online web site from which you purchased the Product.

This warranty does not cover cosmetic damage or damage due to acts of God, lightning strikes, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Insignia to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States and Canada.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

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