

NIKKEI



NIKKEI ND220H DVD Player



USER MANUAL



THIS INSTRUCTION BOOK MAY CONTAIN ERRORS AND OMISSIONS.

DESIGN AND SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.

OPERATING INSTRUCTIONS

 <p>The lightning flash and arrowhead within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.</p>	<p style="text-align: center;">CAUTION</p> <p style="text-align: center;">RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (ON BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The Exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product</p>
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CAUTION: TO PREVENT ELECTRICAL SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

PLEASE READ THIS BEFORE OPERATING THIS UNIT.

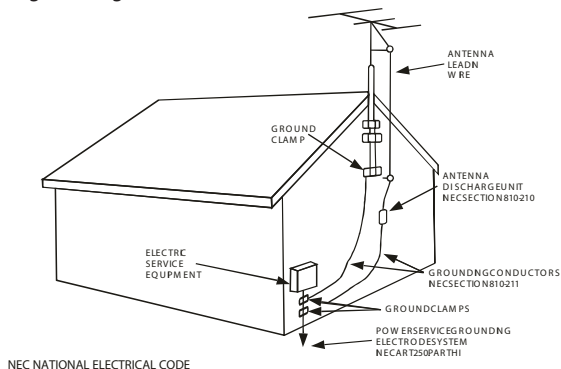
IMPORTANT SAFETY INSTRUCTIONS

1. READ INSTRUCTIONS - All the safety and operating instructions should be read before the product is operated.
2. RETAIN INSTRUCTIONS - The safety and operating instructions should be retained for future reference.
3. HEED WARNINGS - All warnings on the product and in the operating instructions should be adhered to.
4. FOLLOW INSTRUCTIONS - All operating and use instructions should be followed.
5. CLEANING - Unplug this product from the wall outlet before cleaning, Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. ATTACHMENTS - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. WATER AND MOISTURE - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, or near a swimming pool, and the like.
8. ACCESSORIES - Do not place this product on an unstable cart, stand tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



10. VENTILATION - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.
11. POWER SOURCES - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to operating instruction.
12. GROUNDING OR POLARIZATION - This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only 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 should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarizes plug.
- ALTERNATE WARNINGS - This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet, Do not defeat the safety purpose of the grounding-type plug.
13. 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, paying particular attention to cords at plugs, convenience receptacles, and point where they exit from the product.
14. PROTECTIVE ATTACHMENT PLUG - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
15. OUTDOOR ANTENNA GROUNDING- If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See figure:



16. **LIGHTNING** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
17. **POWER LINES** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
18. **OVERLOADING** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. **OBJECT AND LIQUID ENTRY** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. **SERVICING** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
21. **DAMAGE REQUIRING SERVICE** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in any way, and.
 - f) When the product exhibits a distinct change in performance - this indicates a need for service.
22. **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. **SAFETY CHECK** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
24. **WALL OR CEILING MOUNTING** - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. **HEAT** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

TIPS ON BATTERY USE

When not in use for an extended period of time for while batteries are not being used, be sure to remove them to avoid possible damage caused by battery corrosion and leakage
Weak or distorted sound usually indicated your batteries are low. Remove and discard appropriately and replace with new batteries
Do not mix new and old batteries or non-chargeable and rechargeable batteries.

Caution of Battery

The batteries (battery pack or batteries installed) should not be exposed to excessive heat such as sunshine, fire, or alike.

Do not attempt to recharge short circuit, disassemble, heat or through the batteries into a fire
Inserting batteries with wrong or mixed polarities will result in damage to the batteries and/or may result in a malfunction of the unit

Do not mix old and new batteries

Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

Dispose of properly in accordance with local law.

**CAUTION**

THIS PLAYER IS A CLASS 1 LASER PRODUCT, USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. AS THE LASER BEAM USED IN THIS DVD VIDEO PLAYER IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET.

REFER SERVICING TO QUALIFIED PERSONNEL ONLY. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DANGER OF EXPOSURE IF BATTERY IS INCORRECTLY REPLACED,
REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

Canada Notice

This Class B digital apparatus complies with Canadian ICES-003.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Power

Plug the attached AC cord into a standard AC power outlet to power the DVD player.

Remote

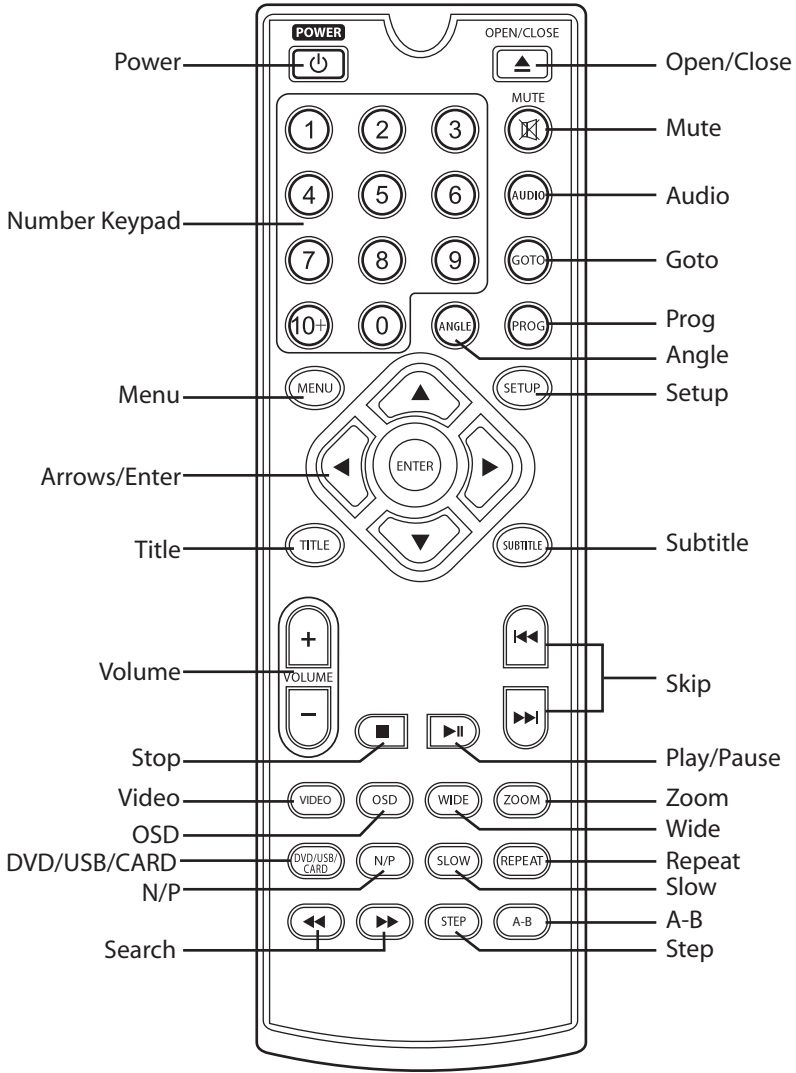
Requires 2 AAA batteries (not included).

Do not mix old and new batteries

Do not mix alkaline, standard (carbon-zinc), or

Rechargeable (ni-cad, ni-mh, etc.) batteries

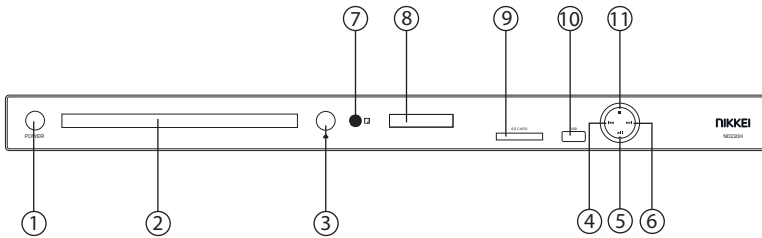
Remote Control



Power – Power the unit on and off
Number Keypad – For Inputting Number Digits
Menu – To bring up the DVD Player Menu
Arrows/Enter – Arrows are used for moving around the Menus. Enter is used for Selecting
Title – To Show the DVD Title
Volume – To adjust the DVD Player Volume
Stop – To Stop the DVD
DVD/USB – To select between DVD and USB Input
OSD – On Screen Display
L/R - Switches between the Left and Right audio channels.
N/P – To Select between NTC and PAL
Search – To search forward and backward
Open/Close – To open and close the DVD drawer.
Mute – To mute the DVD Player
Audio - To change the audio setting.
Goto -To go to a particular title,chapter or time point.
Prog - To play contents of disc in the order you want by programming the track to be played
Angle – To switch between Multiple Camera Angles
Setup - To access or exit the SETUP menu.
Subtitle – To switch subtitles
Skip – To skip forward to back
Play/Pause – To play or Pause
Zoom – To enlarge the Picture
Wide – Change to wide view
Repeat – To toggle between different repeat modes.
Slow – To view slowly
A-B - Press to create a repeating loop on a specified section of a loaded DVD.
Step - Plays video frame by frame.

FRONT PANEL AND REAR PANEL ILLUSTRATION

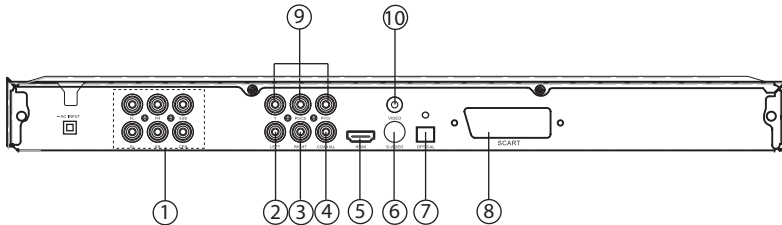
Front of DVD Player



- 1. POWER BUTTON
- 2. DVD DOOR
- 3. OPEN/CLOSE BUTTON
- 4. PERV BUTTON
- 5. PLAY/PAUSE BUTTON
- 6. NEXT BUTTON

- 7. REMOTE RECEIVER WINDOW
- 8. DISPLAY WINDOW
- 9. CARD JACK
- 10. USB JACK
- 11. STOP BUTTON

Back of DVD Player



- 1. 5.1 CHANNEL AUDIO OUTPUT JACK
- 2. AUDIO LEFT OUTPUT JACK
- 3. AUDIO RIGHT OUTPUT JACK
- 4. COAXIAL DIGITAL AUDIO OUTPUT JACK
- 5. HDMI AV OUTPUT JACK

- 6. S-VIDEO OUTPUT JACK
- 7. OPTICAL OUTPUT JACK
- 8. SCART OUTPUT JACK
- 9. Y,PB/CB,PR/CR COMPONENT OUTPUT JACK
- 10. VIDEO OUTPUT JACK

Power

Plug the attached AC cord into a standard AC power outlet to power the DVD player.

Connecting video and Audio

Note: Before making or changing any connections, make sure that all the devices are disconnected from the power outlet.

Note: Both video and audio connections must be made from the DVD Player to your television.

RCA Stereo Audio Output

1. Use the RCA Stereo Audio Output to send audio from the DVD player to a television.
2. Required an RCA audio cable (included).
3. Use the RCA audio cable to connect the RCA Stereo Audio Output to an RCA stereo audio input on a television.
4. Adjust the connected televisions input setting to match the input used in the previous step.

Coaxial Digital Audio Output

1. Use the Coaxial Digital Audio Output to send high quality audio from the DVD player to an audio system.
2. Requires an RCA audio cable (included).
3. Use the RCA audio cable to connect the Coaxial Digital Audio Output to a coaxial digital input on an audio system.
4. Adjust the connected audio system's input setting to match the input used in the previous step.
5. In the Digital Out portion of the setup menu, adjust to PCM, RAW or off.

Composite Video Output

1. Use the Composite Video Output to send video from the DVD player to a television.
2. Requires an RCA video cable (included).
3. Use the RCA video cable to connect the Composite Video Output to a composite video input on a television.
4. Adjust the connected televisions input setting to match the input used in the previous step.

HDMI Output (Best)

Requires a HDMI cable (not Included)

1. Use a HDMI cable to connect the HDMI Output to a HDMI input on a television.
2. Adjust the connected televisions input setting to match the input used in the previous step.
3. Press the HDMI button on the remote to adjust the display resolution between 480p, 720p, 1080i and 1080p.

DVD,CD

Loading a Disc

1. Press the Open/Close button to open the Disc Drawer.
2. Load a disc into the DVD player, label side facing up.
3. Press the Open/Close button to close the Disc Drawer.
4. After a disc is loaded, it will begin playing automatically.

Playing a Loaded Disc

1. Follow the instructions for Loading a Disc.
2. If the disc does not begin playing automatically, press Play/Pause button.

Playing a JPEG Cd

Load a JPEG photo disc into the player by following the instructions for Loading a Disc. A slide show of JPEG photos from the CD will begin playing automatically.

Press the Stop button to access a file view of the loaded JPEG disc.

Use the Arrows/enter buttons on the remote to select and view the photos.


USB Port

1. Connect a USB Thumb Drive to the USB Port.
2. Formats Supported are .AVI, MP4 Files and .Jpeg Files.
3. Press and Hold the DVD/USB Button to enter the DVD/USB mode
4. Use the Arrows/enter buttons on the remote to select and view the photos.

Troubleshooting

Before Requesting Service

Check the following guide for possible cause of a problem before contacting service.

Symptom	Correction
No power	Plug the power cord into the wall outlet securely
No picture	<ul style="list-style-type: none"> Select the appropriate video input mode on the TV so the picture from the DVD player appears on the screen. Connect the video cable into the jacks securely. Turn on the TV
No Sound	<ul style="list-style-type: none"> Check audio connections. If you are using a HiFi amplifier, try another sound source.
The playback picture is poor	<ul style="list-style-type: none"> Clean the disc. Connect the TV/DVD player colour system.
The DVD player does not start playback	<ul style="list-style-type: none"> Insert a disc, if no disc inside the player Insert a playable disc. (Check the disc type, colour system and Regional code.) Place the disc with the playback side down. Clean the disc. Cancel the Rating function or change the rating level.
Severe hum or noise is heard	<ul style="list-style-type: none"> Wipe them with a cloth slightly moistened with alcohol. Clean the disc. Connect the speakers and components securely Move your TV away from the audio components.
The remote Control does not work properly	<ul style="list-style-type: none"> Point the remote control at the remote sensor of the DVD receiver. Operate the remote control within about 5m Remove obstacle. Replace the batteries with new ones.
Completely distorted picture or no colour	<ul style="list-style-type: none"> If the picture is distorted completely or if the picture rolls vertically make sure the NTSC/PAL setting at the DVD player matches the colour system of your television
The  icon appears on screen	<ul style="list-style-type: none"> The DVD's software restricts it. The DVD's software doesn't support the feature (eg. Angles). The feature is not available at the moment.

This product incorporates copyright protection technology that is protected by method claims of certain US 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 use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Technical Specifications

Signal system	PAL/AUTO/NTSC
Frequency Response	20HZ-20KHZ (at 1KHz 0 dB)
Signal-toNoisy Ratio (Audio)	≥90 dB (at 1KHz 0dB)
Audio Distortion + Noise	≥-60dB (at 1KHz0dB)
Audio Output (Analog audio)	2.0⁰-.1.0 Vrms
Video Output	Composite: 1.0±0.2Vp-p Load impedance: 75 Ω , imbalance, negative polarity
Power supply	110-240V~50/60Hz
Supported Disc	DVD/VCD/CD/MP3/Photo CD/SVCD/JPEG/MPEG-4



The symbol opposite indicates that the electric and electronic components are the subject of a selective collection, it represents a dustbin on wheels barred of a cross. The electric and electronic products can contain substances having negative effects on the environment and health. Worn, they should not be thrown with domestic waste but to be imperatively recovered in the selective collections: dump, associations of social economy and interdependent.

The selection of waste decreases the potential effects on the environment and human health due to the substances dangerous which can compose certain components electric and electronic.

Take an active part: to remove you not from the apparatuses with domestic waste!