

DENON

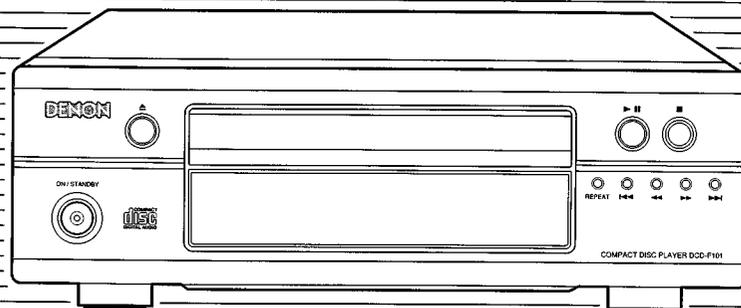
STEREO CD PLAYER

DCD-F101

OPERATING INSTRUCTIONS

MODE D'EMPLOI

INSTRUCCIONES DE OPERACION



FOR ENGLISH READERS
POUR LES LECTEURS FRANCAIS
PARA LECTORES DE ESPAÑOL

PAGE 4 ~ PAGE 14
PAGE 15 ~ PAGE 25
PAGINA 26 ~ PAGINA 36

IMPORTANT TO SAFETY

WARNING:

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

CAUTION

1. Handle the power supply cord carefully

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

2. Do not open the top cover

In order to prevent electric shock, do not open the top cover.

If problems occur, contact your DENON DEALER.

3. Do not place anything inside

Do not place metal objects or spill liquid inside the system.

Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. DCD-F101

Serial No. _____



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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 to persons.



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.



NOTE:

This CD player uses the semiconductor laser. To allow you to enjoy music at a stable operation, it is recommended to use this in a room of 5°C (41°F) — 35°C (95°F).

LABELS (for U.S.A. model only)

CERTIFICATION

THIS PRODUCT COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J APPLICABLE AT DATE OF MANUFACTURE.

CAUTION:

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

• FOR CANADA MODEL ONLY

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

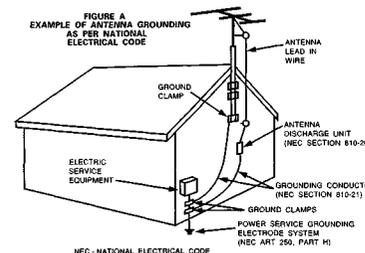
• POUR LES MODELE CANADIENS UNIQUEMENT

ATTENTION

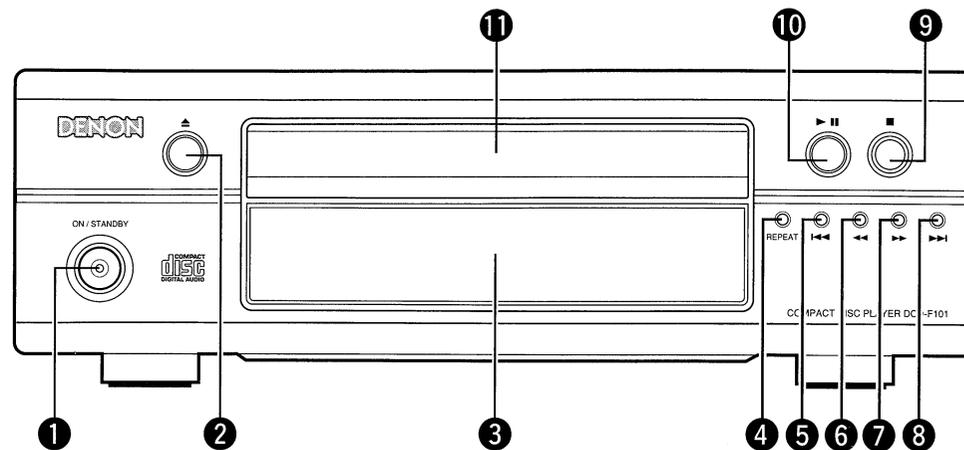
POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTERDUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

SAFETY INSTRUCTIONS

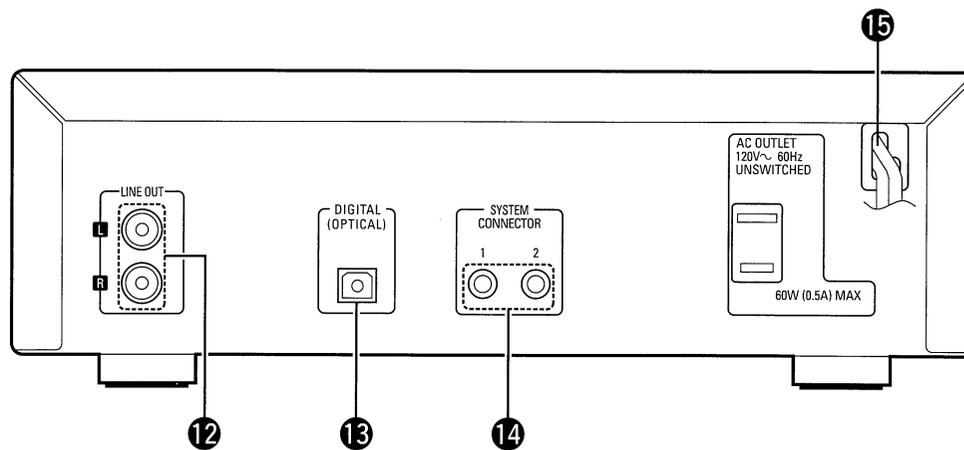
- Read Instructions – All the safety and operating instructions should be read before the product is operated.
- Retain Instructions – The safety and operating instructions should be retained for future reference.
- Heed Warnings – All warnings on the product and in the operating instructions should be adhered to.
- Follow Instructions – All operating and use instructions should be followed.
- Cleaning – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.
- Attachments – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 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.
- 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.
- A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 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 instructions have been adhered to.
- 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 the operating instructions.
- 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 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 upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
- Outdoor Antenna Grounding – If an outside antenna or cable system is connected to the product, be sure the antenna or cable 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 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 A.
- 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.
- 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.
- Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 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.
- 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.
- Damage Requiring Service – Unplug this product from the wall 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 product,
 - If the product has been exposed to rain or water,
 - 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,
 - If the product has been dropped or damaged in any way, and
 - When the product exhibits a distinct change in performance – this indicates a need for service.
- 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.
- 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.
- Wall or Ceiling Mounting – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
- Heat – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.



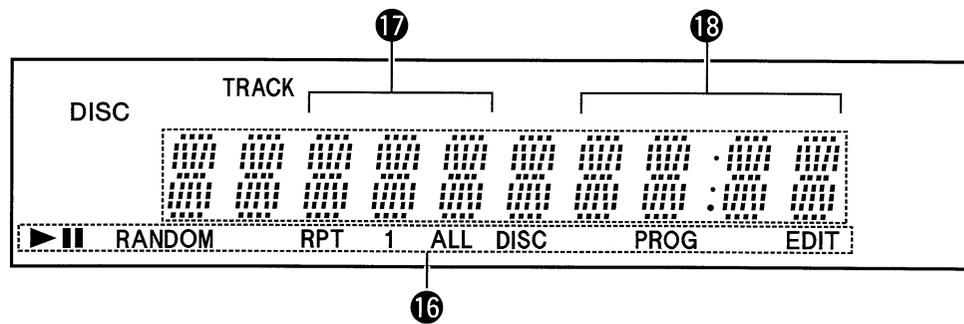
FRONT PANEL
 PANNEAU AVANT
 PANEL FRONTAL



REAR PANEL
 PANNEAU ARRIERE
 PANEL TRASERO



DISPLAY
 AFFICHAGE
 VISUALIZADOR



NOTE ON USE / OBSERVATIONS RELATIVES A L'UTILISATION / NOTAS SOBRE EL USO

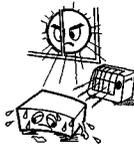
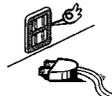
 <ul style="list-style-type: none"> • Avoid high temperatures. Allow for sufficient heat dispersion when installed on a rack. • Éviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère. • Evite altas temperaturas. Permite la suficiente dispersión del calor cuando está instalado en la consola. 	 <ul style="list-style-type: none"> • Keep the set free from moisture, water, and dust. • Protéger l'appareil contre l'humidité, l'eau et la poussière. • Mantenga el equipo libre de humedad, agua y polvo. 	 <ul style="list-style-type: none"> • Do not let foreign objects in the set. • Ne pas laisser des objets étrangers dans l'appareil. • No deje objetos extraños dentro del equipo.
 <ul style="list-style-type: none"> • Handle the power cord carefully. Hold the plug when unplugging the cord. • Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon. • Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía. 	 <ul style="list-style-type: none"> • Unplug the power cord when not using the set for long periods of time. • Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes. • Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo. 	 <ul style="list-style-type: none"> • Do not let insecticides, benzene, and thinner come in contact with the set. • Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil. • No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.
<ul style="list-style-type: none"> • Do not obstruct the ventilation holes. • Ne pas obstruer les trous d'aération. • No obstruya los orificios de ventilación. 	 <p>* (For sets with ventilation holes)</p>	 <ul style="list-style-type: none"> • Never disassemble or modify the set in any way. • Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre. • Nunca desarme o modifique el equipo de ninguna manera.

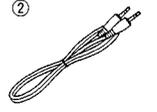
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• ACCESSORIES

Check that the following parts are included in the package aside from the main unit:

① Stereo Audio Cord1	③ Operating Instructions1
② System Connector Cable1	④ Service Station List1

1 MAIN FEATURES

1. Enhanced Multilevel Δ - Σ D/A converter

Enhanced Multilevel noise shaping/ Δ - Σ D/A converters with superior resolution offers reproduction of the original sound field with rich musical expression.

2. CD-R/RW playback

This set can play finalized CD-R/RW discs. Note however that depending on the recording quality, it may not be able to play certain CD-R/RW discs.

3. Optical digital output terminals

The DCD-F101 is equipped with optical digital output terminals for digital signal transfer, allowing digital-to-digital recording onto MDs and DATs with little deterioration of sound quality.

4. Convenient system functions

The DCD-F101 is equipped with such system functions as auto function selection and auto power on that simplify operation when connected in a system with the D-F101 series. In addition, the major operations of each the system units can be performed with the system remote control unit (RC-927) included with the receiver. (DRA-F101)

2 BEFORE USING

Read the following before using the set.

• Before turning on the power

Check again that all connections are correct and that there are no problems with the connection cords. Be sure to unplug the power cord before connecting or disconnecting the connection cords.

• Moving the set

To prevent short-circuits or damage to the connection cords, always unplug the power cord and disconnect the connection cords between all other audio components when moving the set.

• Condensation (dew)

Condensation (water droplets) may be produced on internal optical lenses or discs in the following cases:

- Directly after a heater is turned on.
- When the set is in a steamy or humid room.
- When the set is moved abruptly from a cold place (room) to a warm room.

• Should condensation occur:

The signals on the disc cannot be read and the set will not function properly. Remove the disc then let the set with the power on. The condensation will evaporate in one hour or less, at which time the set will function normally.

• Store this instructions in safe place

After reading, store this instructions along with the warranty in a safe place. Also fill in the items on the back paper for your convenience.

• Illustrations in this manual

Note that some of the illustrations used for explanations in this manual may differ from the actual set.

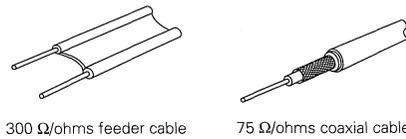
■ Do not set TVs (even small ones) or other objects on top of this unit.

3 CAUTIONS ON INSTALLATION

The CD player uses a microcomputer for controlling internal electronic circuits. In the event that the player is used while a near-by tuner or TV is turned on, although unlikely, interference could occur either in the sound from the tuner or the picture of the TV. To avoid this, please take the following precautions.

- Keep the CD player as far away from the tuner or TV set as possible.
- Keep the power cable and connecting cable of the CD player separate from the antenna wires of the tuner and TV.

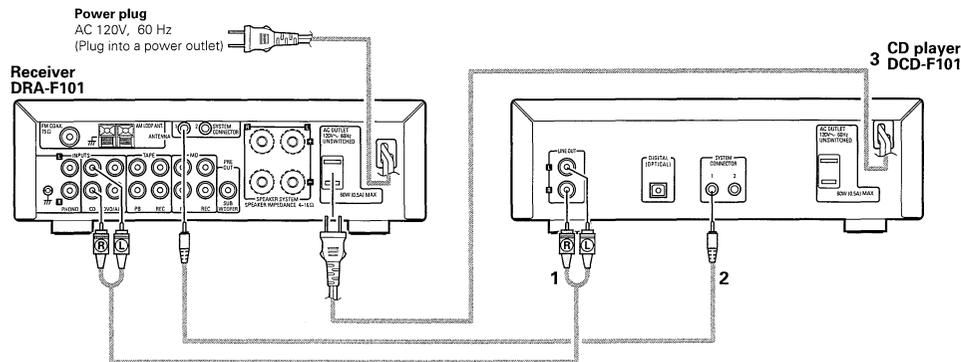
- Interference is particular likely to occur when an indoor antenna or a 300 Ω/ohms feeder cable is used. Thus, use of an outdoor antenna and 75 Ω/ohms coaxial cable is strongly recommended.



4 CONNECTIONS

Connecting to the D-F101 Series

- When connecting to a receiver other than the one in the D-F101 series, there is no need to make connection 2. Note that in this case none of the system functions (auto power on, etc.) will work.
- System operations such as the auto power on function can only be used if stereo audio cords and system cords are connected between all the system components. Be sure to securely connect all the connection cords between all the units.
- Disconnecting a system cord during system operation may result in malfunction. Be sure to unplug the power cords before changing the connections.
- Install the components in such a way that the ventilation holes of the receiver (DRA-F101) are not obstructed.
- **Use the AC OUTLET for audio equipment only. Do not use them for hair driers, etc.**



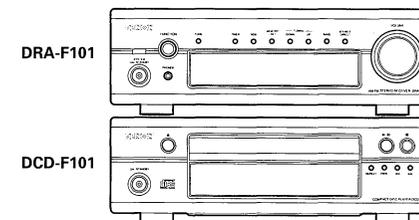
1	Connect the DCD-F101's LINE OUT jacks to the receiver's CD input jacks using the included stereo audio cord.
2	Connect the DCD-F101's SYSTEM CONNECTOR jack (1 or 2) to the SYSTEM CONNECTOR jack (1 or 2) of the Receiver (DRA-F101) using the included system cord.
3	Connect this unit's power cord to the AC outlet on the Receiver (DRA-F101).
* The DCD-F101 can also be used when connected to a receiver other than the one in the D-F101 series. In this case, none of the system functions (auto power on, etc.) will work.	

NOTES:

- Do not plug power cords into power outlets until all connections have been completed.
- Check the left and right channels and be sure to interconnect them correctly (R to R, L to L).
- Plug in the power cords securely. Incomplete connections will result in noise.
- Clasp the power cords and connection cords together may result in humming or noise.
- After unplugging the power cord, wait at least 5 seconds before plugging it back in.

Recommended System Installation

- To ensure performance and stability, install the D-F101 series as shown below.
- Do not place another component directly on top of the receiver (DRA-F101).



5 PART NAMES AND FUNCTIONS

(1) Front Panel

- 1 Power operation switch (ON/STANDBY)**
- When pressed once, the power turns on and the display lights.
 - When pressed again, the standby mode is set.
 - The LED color changes as follows, according to the condition:
 - During power ON: green
 - During STANDBY: red
- 2 Disc holder open/close button (▲)**
- Press this button to open and close the disc holder.
 - When pressed in the standby mode, the power turns on automatically and the disc holder opens.
- 3 Display**
- Refer to page 3.
- 4 Repeat button**
- Press this for repeat playback. (Refer to page 11.)
- 5 Automatic/reverse button (◀◀)**
- Use this button to find the beginning of the desired track. (Refer to page 9.)
- 6 Manual search reverse button (◀◀)**
- Press this button to reverse the disc. (Refer to page 10.)
- 7 Manual search forward button (▶▶)**
- Press this button to forward the disc. (Refer to page 10.)
- 8 Automatic/manual search forward button (▶▶|)**
- Use this button to find the beginning of the desired track. (Refer to page 9.)
- 9 Stop button (■)**
- Press this button to stop playback.
- 10 Play/Pause button (▶/||)**
- Press this button to start playing the disc.
 - When pressed while the disc holder is open, the disc holder closes and playback starts.
 - Press this button to stop playback temporarily.
 - To resume playback, press either the pause button (||) or the play button (▶).

11 Disc holder

- Press the disc holder open/close button (▲) to open and close the disc holder.
- The disc holder can also be closed by press the pause button (||) or the play button (▶).

(2) Rear Panel

12 Output jacks (LINE OUT)

- Connect these to the CD input jacks on the amplifier.
- When connecting the DCD-F101 in a system with the D-F101 series, be sure to connect these jacks to the CD input jacks on the receiver (DRA-F101).

13 Digital output jack (DIGITAL OUT OPTICAL)

- Digital data is output in optical form from this jack.

14 System connectors (SYSTEM CONNECTOR 1 and 2)

- When connecting the DCD-F101 in a system with the D-F101 series, connect these to the system connector on the Receiver (DRA-F101) using the included system cords.

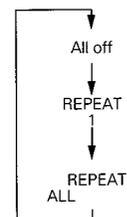
15 Power cord

- Connect this unit's power cord to the AC outlet on the Receiver (DRA-F101).

(3) Display

16 Mode indicators

- These indicate the various modes.
- REPEAT:** These indicators light as follows each time the repeat button is pressed:



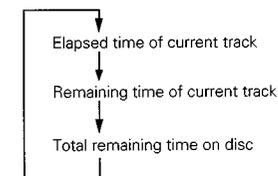
- EDIT:** (Editing operations are performed from the system remote control unit (RC-927) included with the receiver (DRA-F101). They can only be performed when the components are connected in a system.)
- This lights when performing editing operations on a cassette tape. (Refer to page 13.)
- PROG:** This lights during programming and programmed playback.
- ▷ lights during playback.
- ▷ flashes during manual search in the play mode.
- lights during the pause mode.
- flashes during manual search in the pause mode.
- RANDOM:** This lights in the random play mode.

17 Track number display section

- When a disc is loaded
- In the stop mode: Total number of tracks on disc
- In the play and programmed play modes: Number of track currently playing

18 Time display

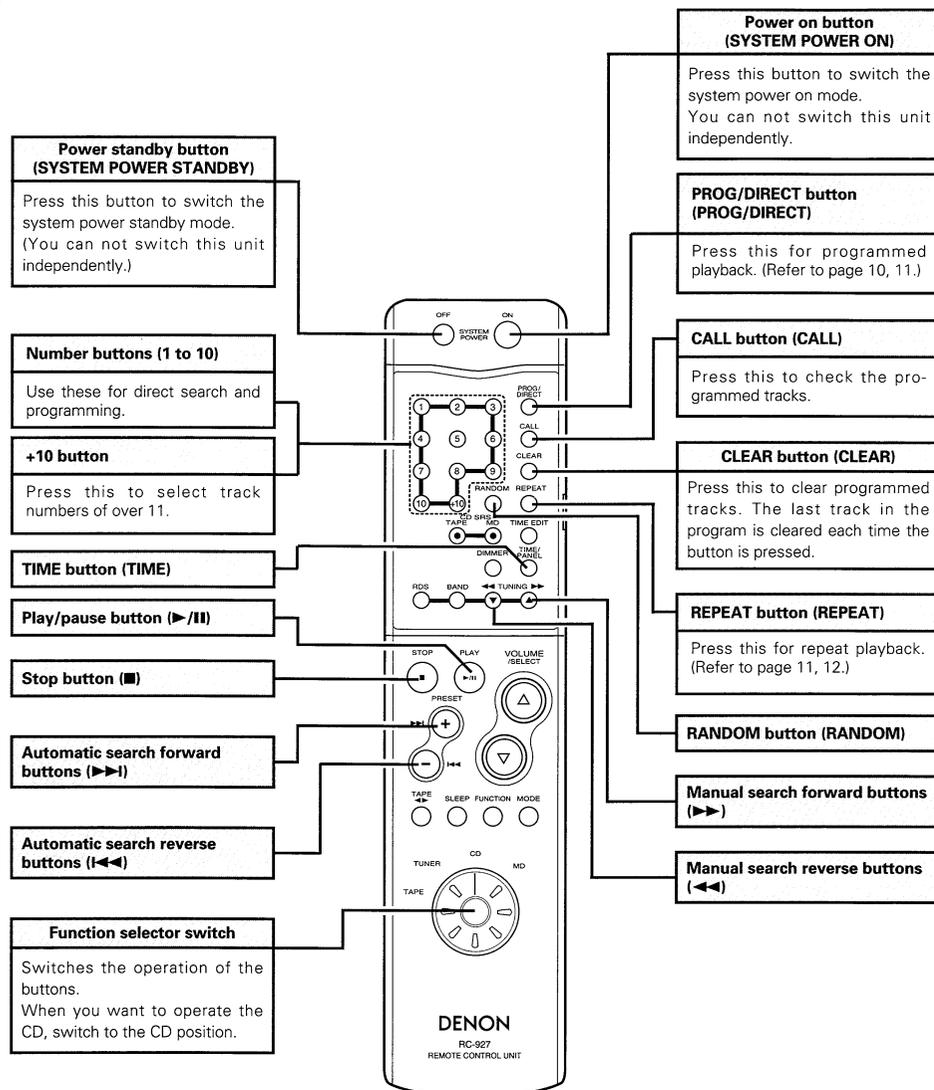
- When a disc is loaded
- In the stop mode: Total disc playing time
- In the play and pause modes: Elapsed time of current track
- In the play and pause modes: Elapsed time of current track
- When no disc is loaded or when the disc data cannot be read properly, "00 00:00" is displayed.
- The display switches as follows each time the time button is pressed:



6 REMOTE CONTROL

Names and Functions of System Remote Control Unit Buttons (The RC-927 is included with the DRA-F101.)

- The CD related buttons on the system remote control unit included with the receiver are explained below.
- Buttons not explained here function in the same way as the corresponding buttons on the main unit. (Refer to pages 3 and 6.)



7 CAUTIONS ON HANDLING DISCS

- The types of discs listed on the table below can be used on the DCD-F101. The marks are indicated on the disc labels or jackets.

Usable discs	Mark (logo)	Recorded signals	Disc size
CD CD-R CD-RW (NOTE 1)	 	Digital audio	12 cm
			8 cm

NOTE 1: According to recording quality, some CD-R/RW cannot be played.

Discs

Only the discs including the marks shown on page 7 can be played on the DCD-F101. Note, however, that discs with special shapes (heart-shaped discs, hexagonal discs, etc.) cannot be played on the DCD-F101. Do not attempt to play such discs, as they may damage the player.



Holding Discs

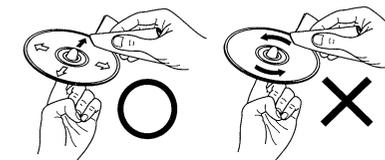
Avoid touching the surface of discs when loading and unloading them.

Be careful not to get fingerprints on the signal surface (the side which shines in rainbow colors).



Cleaning Discs

- Fingerprints or dirt on the disc may lower sound and picture quality or cause breaks in playback. Wipe off fingerprints or dirt.
- Use a commercially available disc cleaning set or a soft cloth to wipe off fingerprints or dirt.



Wipe gently from the middle outwards.

Do not wipe with a circular motion.

NOTE:

- Do not use record spray or antistatic. Also do not use volatile chemicals such as benzene or thinner.



Cautions on Handling Discs

- Do not get fingerprints, grease or dirt on discs.
- Be especially careful not to scratch discs when removing them from their cases.
- Do not bend discs.
- Do not heat discs.
- Do not enlarge the center hole.
- Do not write on the labeled (printed) side with a ball-point pen or a pencil.
- Water droplets may form on the surface if the disc is moved suddenly from a cold place to a warm one. Do not use a hairdryer, etc., to dry the disc.

Cautions on Storing Discs

- Always eject discs after playing them.
- Keep discs in their cases to protect them from dust, scratches and warping.
- Do not put discs in the following places:
 1. Places exposed to direct sunlight for long periods of time
 2. Humid or dusty places
 3. Places exposed to heat from heaters, etc.

Cautions on Loading Discs

- Only load one disc at a time. Loading one disc on top of another may result in damage or scratch the discs.
- Load 8 cm discs securely in the disc guide, without using an adapter. If the disc is not properly loaded, it may slip out of the guide and block the disc tray.
- Be careful not to let your fingers get caught when the disc tray is closing.
- Do not place anything but discs in the disc tray.
- Do not load cracked or warped discs or discs that have been fixed with adhesive, etc.
- Do not use discs on which the adhesive part of cellophane tape or glue used to attach the label is exposed, or discs with traces of tape or labels that have been peeled off. Such discs may get stuck inside the player, resulting in damage.

8 OPENING AND CLOSING THE DISC HOLDER AND LOADING DISCS

1	Turn on the power.  <p style="text-align: center;">ON / STANDBY (Main unit)</p>
2	Press the disc holder open/close button.  <p style="text-align: center;">(Main unit)</p> <ul style="list-style-type: none"> • The disc holder opens.
3	Being careful not to touch the disc's data surface, set the disc in the disc tray with the labeled side facing up. <ul style="list-style-type: none"> * Make sure the disc holder is fully open when loading discs. * Set 12 cm discs in the outer disc guide (Fig. 1), 8 cm discs in the inner disc guide (Fig. 2). Make sure the disc is flat.
4	Press the disc holder open/close button to close the disc holder.  <p style="text-align: center;">(Main unit)</p> <ul style="list-style-type: none"> • When the disc holder closes, the total number of tracks on the disc and the total playing time appear on the display, and the numbers on the music calendar light up to the number of tracks on the disc.
	* When the play button is pressed after a disc is set on the disc tray, the disc holder closes and playback starts.  <p style="text-align: center;">(Main unit)</p>

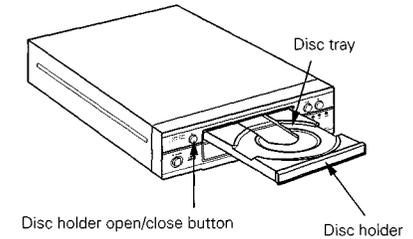


Figure 1

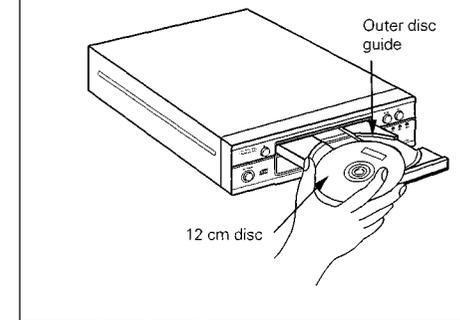
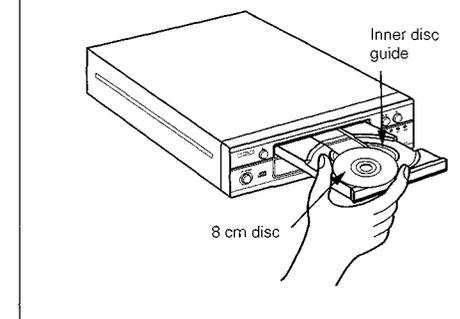


Figure 2

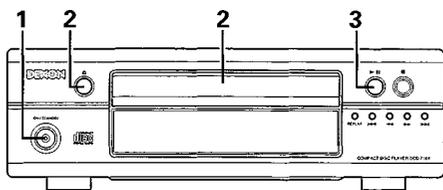


NOTES:

- If your finger or another object should get caught in the disc holder, stay calm and press the disc holder open/close button (▲).
- Do not put foreign objects in the disc holder. Doing so could result in damage.
- Do not press on the disc holder when the power is turned off. Doing so could damage it.
- Do not press buttons with pencils, etc.

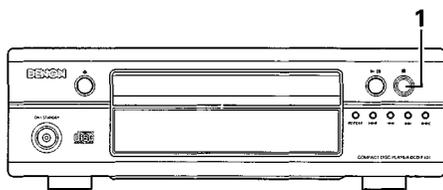
9 NORMAL PLAYBACK

(1) Starting Playback



1	Turn on the power.	 ON / STANDBY (Main unit)
2	Load the disc. * For instructions on loading discs, refer to "OPENING AND CLOSING THE DISC HOLDER AND LOADING DISCS" (Page 8)	 (Main unit)
3	Press the play button. • Playback starts.	 (Main unit)

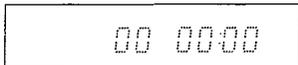
(2) Stopping Playback



1	During playback, press the stop button. • Playback stops. * Playback also stops automatically after the last track on the disc has been played.	 (Main unit)
----------	---	---

NOTES:

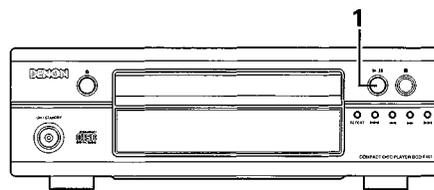
- Zeros are displayed if no disc is loaded or if the disc is loaded upside-down.
- The total remaining time and the remaining time per track are not displayed if the disc data cannot be read properly due to scratches or dirt on the disc. In this case, some time may be required for finding the beginnings of tracks, etc.
- Do not use discs with cellophane tape on them, rental discs on which there is glue seeping out from under the label, or discs on which there are traces of labels that have been peeled off. If such discs are loaded, they may get stuck inside the player and cause damage.



10 VARIOUS PLAYBACK FUNCTIONS

(1) Stopping playback temporarily [Pause]

- Use this function to stop playback temporarily then resume playback from that point.



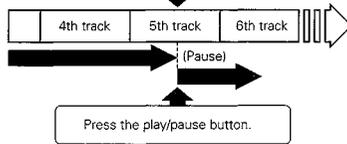
During playback, press the pause button.

- Playback pauses.


 (Main unit)

1

Press the play/pause button.

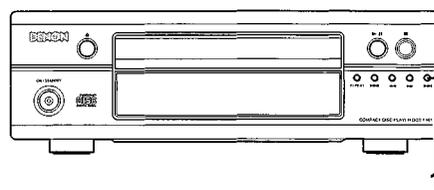


Press the play/pause button.

• To resume playback from the position at which the disc is paused, press either the pause button or the play button.

(2) Automatic Search

1 Moving ahead to the beginning of the next track



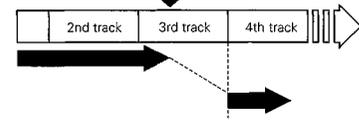
Press the ►►► button.

- Press the button more than once to move ahead to the beginning of subsequent tracks.


 (Main unit)

1

Press the ►►► button.



2 Moving back to the beginning of the current track



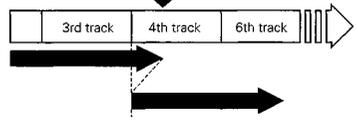
Press the ◀◀◀ button.

- Press the button more than once to move back to the beginning of previous tracks.


 (Main unit)

1

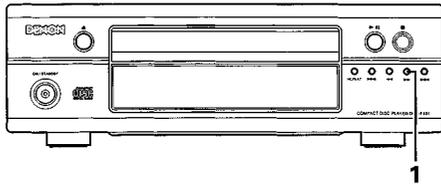
Press the ◀◀◀ button.



(3) Finding the desired spot while listening to the sound [Manual Search]

- Use this function to skip forward or backward while listening to the sound. This function comes in handy for finding the desired spot in the middle of long tracks.

1 Searching forward



2 Searching backward



During playback, press and hold in the ►► button.

- When the button is released, normal playback resumes from that point.

(Main unit)

1

Press and hold in the ►► button.

(Playback) Skip Skip Skip Skip Skip

* If the end of the last track on the disc is reached while pressing the ►► button, "33" appears on the display and the manual search mode is canceled.

To resume playback, press and hold in the ◀◀ button until "33" turns off and the track number reappears, then perform another operation.

* To move ahead at high speed without listening to the sound, press the ►► button while in the pause mode.

During playback, press and hold in the ◀◀ button.

- When the button is released, normal playback resumes from that point.

(Main unit)

1

Press and hold in the ◀◀ button.

Skip Skip Skip Skip Skip

* If the beginning of the first track on the disc is reached while pressing the ◀◀ button, "EE" appears on the display and the manual search mode is canceled.

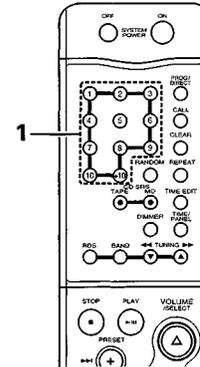
To resume playback, press and hold in the ►► button until "EE" turns off and the track number reappears, then perform another operation.

* To move backward at high speed without listening to the sound, press the ◀◀ button while in the pause mode.

NOTE:

- The sound may be interrupted momentarily when resuming normal playback from the manual search mode. This is not a malfunction.

(4) Selecting the desired track (remote control unit) [Direct Play]



Use the number buttons and the +10 button to select the desired track.

1

Ex.: To select track 4:

To select track 12:

To select track 30:

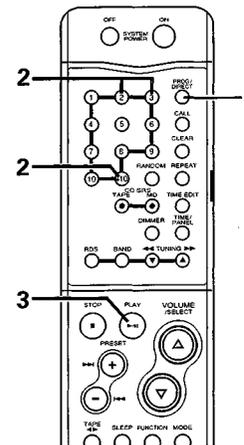
Playback starts from the selected track.

* To perform the direct play operation during programmed playback, first press the direct button to cancel the programmed play mode.

(RC-927)

(5) Playing the tracks in the desired order (remote control unit) [Programmed Play]

- Use this function to select the desired tracks on the disc and play them in the desired order.
- Up to 30 tracks can be programmed.



1

Press the PROG/DIRECT button.

"PROG" lights.

Press the number and +10 buttons to select the track to be programmed.

- For example, to program the 3rd track and the 12th track, press [3], [+10], and [2].

2

Displays when the 3rd track is set at the first place.

↓ after 2 seconds

Displays the total number of programmed tracks and total playing time.

TRACK 12 PROG

Displays when the 12th track is set at the second place.

↓ after 2 seconds

Displays the total number of programmed tracks and total playing time.

3

Press the ►/|| (play/pause) button.

The tracks are played in the programmed order.

- Press the PROG/DIRECT button again to resume normal playback during the stop mode.
 - To cancel the entire program, press the PROG/DIRECT button or cancel the program one by one using the CLEAR button.
 - If you program the wrong track, press the CLEAR button then program the right track. (The last track in the program is erased each time the CLEAR button is pressed.)
 - To confirm the programmed playing order, press the CALL button. The programmed playing order appears in the display.
- Press the CLEAR button with a track number appearing in the display automatically erases that specific track from Program Play.

Other operations possible during programmed playback.

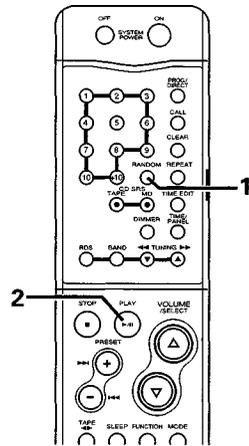
Such operations as quick search, pause and skip monitor are also possible during programmed playback. For the quick search function, press the automatic search reverse button (◀◀) to move back to the beginning of the track, then press it again while the time display reads "00:00" to move back to the beginning of the preceding track. To move ahead to the beginning of the next track, press the automatic search forward button (▶▶) regardless of the time display.

NOTES:

- The entire program is canceled when the ▲ (open/close) button is pressed.
- Set the stop mode when cancelling tracks from the program. To cancel the program mode, press the PROG/DIRECT button.

(6) Playing the tracks in random order (remote control unit) [Random Play]

- Use this function to play all the tracks on the disc once in random order.



1	<p>In the stop mode, press the random button.</p> <ul style="list-style-type: none"> • The "RANDOM" indicator lights. <p><i>* If pressed during playback, random play starts from that track.</i></p>	
2	<p>Press the play button.</p> <ul style="list-style-type: none"> • A track is selected automatically and playback starts. <p>• During programmed playback: The programmed tracks are played in random order.</p> <p>• During repeat playback: The tracks are played once in random order, then played again in a different order, and this is repeated.</p>	

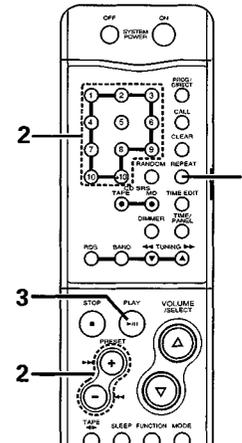
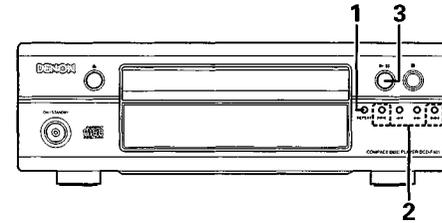
** To cancel random playback, press the random button again. Normal playback resumes.*

NOTES:

- The total remaining time is not displayed during random playback.
- Random playback is not possible in the editing mode when the DCD-F101 is connected in a system with the Receiver (DRA-F101).

(7) Repeat Play

1 Playing tracks repeatedly [One-track Repeat]



2	<p>Select the track to be repeated.</p> <p>(Main unit)</p> <p>(RC-927)</p>
3	<p>Press the play button.</p> <ul style="list-style-type: none"> • Playback starts. • Once the selected track is played, the pickup moves back to the beginning of that track and the track is repeated. <p>Press the repeat button once.</p> <p>2nd track 3rd track 4th track</p> <p><i>This operation is performed repeatedly.</i></p>

** If the repeat button is pressed during playback, the currently playing track is played repeatedly.*

** To cancel the one-track repeat mode, press the repeat button until the "REPEAT" indicator turns off.*

1

Press the repeat button once.

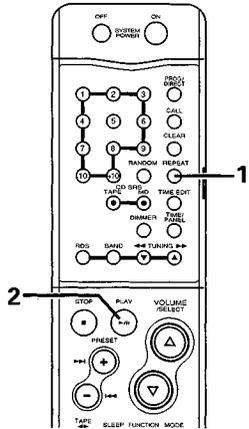
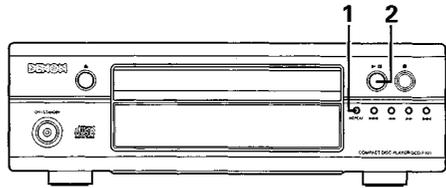
- The " REPEAT " indicator lights.

(Main unit) (RC-927)

NOTE:

- The one-track repeat mode cannot be set during programmed or random playback.

② Playing all the tracks repeatedly [All-track Repeat]

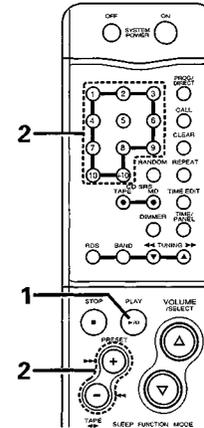


1	<p>Press the repeat button.</p> <ul style="list-style-type: none"> The "REPEAT ALL" indicator lights.
2	<p>Press the play button.</p>
<p>* The all-track repeat mode can also be set by pressing the repeat button twice during playback.</p> <p>* If the repeat button is pressed during programmed playback, the programmed tracks are played repeatedly.</p> <p>* To cancel the all-track repeat mode, press the repeat button until the "REPEAT" indicator turns off.</p>	

(8) Setting the pause mode at the beginning of a certain track (remote control unit) [Pause]

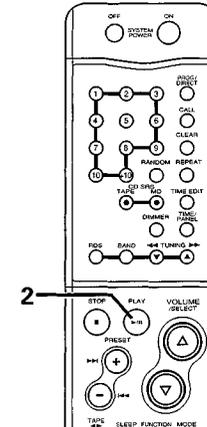
① Finding the beginning of a track directly

■ Use this function to set the pause mode at the beginning of a track with the direct search operation, for example when you want to record that track onto a cassette tape or mini-disc.



1	<p>Press the pause button.</p>
2	<p>Select the track to be played.</p>
<p>* To start playback, press the play button.</p>	
<p>* To perform this operation during programmed playback, first press the direct button to cancel the programmed play mode.</p>	

② Finding the beginning of a track using the programmed play mode



1	<p>Set the programmed play mode.</p> <p>* Refer to page 10.</p>
2	<p>Press the pause button.</p> <p>* The beginning of the first programmed track is found and the pause mode is set.</p>
<p>* To start playback, press the play button.</p>	

11 SYSTEM FUNCTIONS

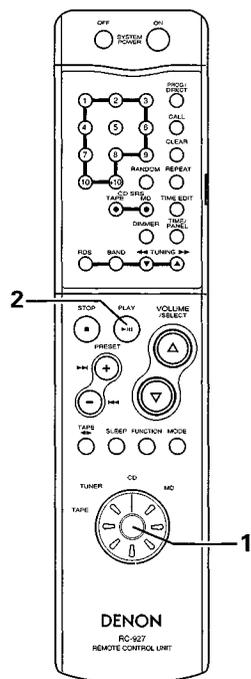
(1) System connection

- Operation is even easier when the Receiver (DRA-F101) is connected to the DCD-F101 with system connections. (For instructions on connections, refer to the respective operating instructions of receiver (DRA-F101)).
- The system functions will only work when the Receiver (DRA-F101) is connected. They will not work with other components.
- The system function signals for operating the DCD-F101 are all output from the receiver (DRA-F101). Thus, when making system connections, be sure to connect the receiver (DRA-F101).

(2) Auto power on function (when connected to the DRA-F101)

- When the system is set to the standby mode, you can start the playback of disc simply by pressing the play/pause button.

RC-927 (system remote control unit)

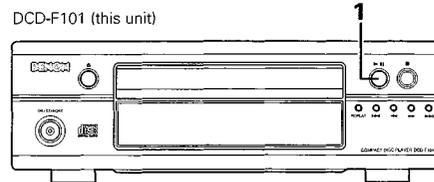


1	<p>Set the function select switch on the remote control to "CD" position.</p> <p>(RC-927)</p>
2	<p>Press the play/pause button.</p> <ul style="list-style-type: none"> • System's power turn on and the function of receiver automatically switches to "CD". And then, the CD starts playing. <p>(RC-927)</p>
<p>* When a CD is loaded with the DCD-F101 in the standby mode, CD playback can be started simply by pressing the DCD-F101's play button.</p>	

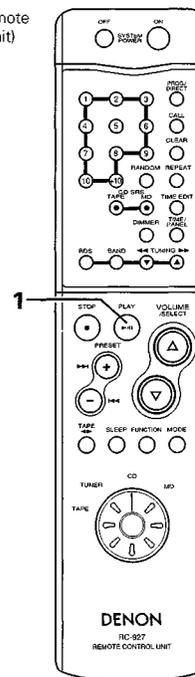
(3) Auto function selection (when connected to the DRA-F101)

- Use this function to switch the function to "CD" and start playing the disc simply by pressing a single button.

DCD-F101 (this unit)



RC-927 (system remote control unit)



Press the play/pause button while a unit other than the DCD-F101 is playing.

(Main unit)

(RC-927)

1

- The receiver's function switches to "CD" and the CD starts playing.
- * To perform this operation from the system remote control unit, first turn the remote control unit's function select switch and set the function to "CD".

(4) Timer functions (when connected to the DRA-F101)

- The timer functions of the receiver (DRA-F101) can be used to play CDs at set times.
- Refer to the operating instruction included with the DRA-F101.

12 TROUBLESHOOTING

If a problem should arise, first check the following:

1. Are the connections correct?
2. Have you operated the receiver according to the Operating Instructions?
3. Are the speakers, turntable, and other components operating properly?

If this unit is not operating properly, check the items listed in the table below. Should the problem persist, there may be a malfunction.

Disconnect the power immediately and contact your store of purchase.

Symptom	Cause	Remedy	Refer to page
Disc holder does not open and close.	<ul style="list-style-type: none"> • Is the power turned on? 	<ul style="list-style-type: none"> • Turn on the power. 	8~9
Zeros are displayed when a disc is loaded.	<ul style="list-style-type: none"> • Is the disc loaded properly? 	<ul style="list-style-type: none"> • Load the disc properly. 	9
Play mode is not set when play button (▶) is pressed.	<ul style="list-style-type: none"> • Is the disc dirty or scratched? 	<ul style="list-style-type: none"> • Wipe the dirt off the disc or replace the disc. 	7, 9
No sound is produced, or sound is distorted.	<ul style="list-style-type: none"> • Are the output cords properly connected to the amplifier? • Is the amplifier adjusted properly and set to the CD function? 	<ul style="list-style-type: none"> • Check the connections. • Adjust the amplifier's controls. 	5 —
Specified position of disc is not played.	<ul style="list-style-type: none"> • Is the disc dirty or scratched? 	<ul style="list-style-type: none"> • Wipe the dirt off the disc or replace the disc. 	7, 9
Programmed play function does not work.	<ul style="list-style-type: none"> • Have you set the program properly? 	<ul style="list-style-type: none"> • Reset the program. 	10~11
Set does not work properly when operated from the remote control unit.	<ul style="list-style-type: none"> • Are the batteries worn? 	<ul style="list-style-type: none"> • Replace the batteries with new ones. 	7
	<ul style="list-style-type: none"> • Is the remote control unit too far from the set? 	<ul style="list-style-type: none"> • Move the remote control unit closer to the set. 	7

13 SPECIFICATIONS

AUDIO

Number of Channels:	2 channels
Frequency Response:	2 ~ 20,000 Hz
Dynamic Range:	95 dB
Signal-to-noise Ratio:	102 dB
Harmonic Distortion:	0.005 % (1 kHz)
Separation:	95 dB (1 kHz)
Wow and Flutter:	Below measurable limit: (±0.001 % W. peak)
Output Voltage:	1.8 V

DISCS

Compact Disc format

GENERAL CHARACTERISTICS

Power Supply:	AC 120 V, 60 Hz
Power Consumption:	10 W
Dimensions:	250 (W) x 81.5 (H) x 260 (D) mm (9-27/32" x 3-13/64" x 10-15/64")
Mass:	2.6 kg (5 lbs 12 oz)

* Design and specifications are subject to change without notice in the course of product improvement.

DENON, Ltd.

16-11, YUSHIMA 3-CHOME, BUNKYOU-KU, TOKYO 113-0034, JAPAN
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**ご注意 / CAUTION / VORSICHT / ATTENTION / AVVERTIMENTO /
PRECAUCION / WAARSCHUWING / VARNING / CAUTELA / 注意**

- 本製品の梱包用緩衝材は古紙を原料としたパルプモールドを使用しております。
この緩衝材の廃棄に際しましては、紙類と同じように扱ってください。
- Pulp molds made of recycled paper are used as the shock-absorbing material for packing this product.
Please dispose of this shock-absorbing material in the same way as you do for paper products.
- Als stoßabsorbierendes Verpackungsmaterial für dieses Produkt wurde eine Pressmasse aus Altpapier verwendet.
Entsorgen Sie dieses stoßabsorbierende bitte auf die gleiche Weise, auf die Sie Altpapier entsorgen.
- Du cartonnage moulé fait à l'aide de papier recyclé est utilisé comme matériau d'absorption des chocs pour emballer ce produit.
Veuillez vous débarrasser de ce matériau d'absorption des chocs comme s'il s'agissait de papier.
- Come materiale di imballaggio per proteggere questo prodotto contro eventuali urti viene usata della carta pesta fatta di carta riciclata.
Gettate via il materiale di imballaggio nello stesso modo in cui vi disfate dei normali scarti di carta.
- Moldes de pasta de madera fabricados a partir de papel reciclado se utilizan como material de amortiguación mecánica para el empaque de este producto.
Por favor deseche este material de amortiguación mecánica de la misma forma que lo hace para productos de papel.
- Dit product is verpakt met schokabsorberend opvulmateriaal van gerecycleerd papier.
Gooi dit schokabsorberend materiaal weg samen met papier afval.
- Massaformer som tillverkats av återanvänt papper används som stötdämpande material hos förpackningen av denna produkt.
Kassera detta stötdämpande material på samma sätt som du gör med pappersprodukter.
- São utilizados moldes de polpa fabricados com papel reciclado como material de absorção de choque para a embalagem deste produto.
Queira descartar este material de absorção de choque da mesma forma que outros produtos de papel.
- 利用再生紙制成的紙漿外殼模子用於保護產品以防止受到振動。
可用處理其它紙製品一樣的方法來處理此防振材料。

DENON SERVICE NETWORK / 服務網絡

- Please consult the outlet where the equipment was purchased.
- Bitte wenden Sie sich an den Händler, bei dem Sie das Produkt gekauft haben.
- SVP veuillez consulter votre revendeur.
- Neemt u alstublieft contact op met het verkooppunt waar u de apparatuur heeft gekocht.
- Por favor consulte en el establecimiento donde compró el equipo.
- Vänligen ta kontakt med butiken där du köpt utrustningen.
- Rivolgerti al rivenditore che vi ha venduto l'apparecchio.
- Contactez a loja onde comprou o equipamento.
- 請向你購入本機的商號查詢。
- 請向你所購買本機的商行查詢。

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Malaysia

IMS Distribution (M) Sdn. Bhd. No 4, Jalan BP 4/2, Bandar Bukit Puchong, 47100 Puchong, Selangor, Malaysia
Tel: (03)8062 1477 Fax: (03)8062 1468

Mexico

Labrador, S.A. de C.V. Callejon del Naranjo 35, Nauceapan, 53560, Edo. Mex., Mexico Tel: 52-5359-5161 Fax: 52-5357-1775

Netherlands

Penhold B.V. Poppenhovving 58, NL-4191 NZ Geldermalsen, Netherlands Tel: 31-345-588 080 Fax: 31-345-588 085

New Zealand

Avaton Audio Corpn. Limited 630B Great South Road Eilerislie Auckland, New Zealand Tel: 64-9-579-1280 Fax: 64-9-579-3350

Norway

Hi-Fi Klubben Marcus Thranes gate 4-6, 0473 Oslo, Norway Tel: +47 22 80 63 10 Fax: +47 22 80 63 29

Philippine

Beyond Innovations Inc. Unit B4 Topy's Place, Calle Industria cor. Economia St. Libis, Quezon City, Philippines 1110
Tel: (02) 634-7315 Fax: (02) 635-9483

Poland

HORN DISTRIBUTION S.A. Ullica Kurantow 34, 02-873 Warszawa Poland
Tel: +48 22 331 55 33 Fax: +48 22 331 55 00

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Videocusticia Ota. Do Paizinho-Almazém 5-Estrada De Circunvalação-Apart: 3127 1303 Lisboa Codex
Tel: +351 214241770 Fax: +351 214188093

Singapore

ALL (E&E) Service Center Pte Ltd. Mactech Industrial Building, #06-04, No.2, Kallang Pudding Road, Singapore 349307
Tel: 6747-8274 Fax: 6748-9007

Slovakia

BIS AUDIO s.r.o. Dobrovinská cesta 1642/6 960 01 Zvolen Tel:045-5400 703 Fax:045-5400 704

South Africa

Mandarin Distributors S.A. 10 Thora Crescent Wynnberg Ext.3 Sandton, P.O.Box 5137, Johannesburg Republic of South Africa Tel: 27-11-444-8445 Fax: 27-11-444-8363

Spain

Gapiasa S.A.AV. Ing. Conde de Torroja, 25, 28022 Madrid Tel: 91-746-00-45 Fax: 91-329-44-57

Sweden

Hi-Fi Klubben Göteborg Skånegatan 25, 41252 Göteborg Tel:031 33 51010 Fax:031 33 51019

Switzerland

KOENIG APPARATE AG, Abteilung Elektronik, Eggbühlstrasse 28, CH-8052 Zurich, Switzerland
Tel: 01-306-1626 Fax: 01-306-1690

Taiwan R.O.C.

KOLIN-DENON Entertainment INC., 5F No. 14, Shiwei Street, Sanchung City, Taipei Hsien, 241 Taiwan, R.O.C.
Tel: (02)8287-2618 Fax: (02)8287-1384

進口廠商 Thailand

歌林天龍音響事業股份有限公司 台北縣三重市溪尾街14號5F 電話: (02)8287-2618 傳真: (02)8287-1384
Mahalak Development Co., Ltd. 46 Mahalak Building, Sukhumvit Soi 3 (Nana-Nuai) Klongtoey, Wattana, Bangkok
Thailand. 10110 Tel: 66-2-256-0020 Fax: 66-2-253-1696

Turkey

FES Elektronik A.S. Mermerciler Sanayi Sitesi No. 13/3 Beylikduzu - Istanbul, Turkey Tel/Fax: 0212 875 94 69 - 70
Denon UK Limited Hayden House, Chiltern Hill, Chalfont St Peter,

United Kingdom & Ire U.S.A.

Gerrards Cross, Bucks, SL19 9UG Tel: 01753-888447 Fax: 01753-880109
Denon Electronics (USA), LLC (a D&M Holdings Company/Warranty Repair Information: Call (630)741-0300)

Vietnam

19C Chapin Road, Suite 205, Pine Brook, NJ 07058-9385 Tel: 973-396-0810 Fax: 973-396-7448
Anh Duy Company, Ltd. 148/8D Xo Viet Nghe Tinh St, ward 25, Binh Thanh Dist Ho Chi Minh City, Vietnam
Tel: +84 8 898 3424 Fax: +84 8 898 3425

* If there is no service center in your local area, please contact one of our overseas service centers, listed above, for follow-up service consultation.

* Ist kein Service-Center in Ihrer Nähe, setzen Sie sich bitte mit einem der hier aufgelisteten Adressen in Verbindung.

* Si il n'y a pas de station technique proche de chez vous, veuillez contacter nos l'un de nos centres techniques, listes ci dessous, pour toutes demandes techniques.

* Als er geen servicecenter bij u in de buurt is, neem dan contact op een van onze bovenvermeldservicecenters voor ondersteuning.

* Si no hay un servicio técnico en su zona, por favor contacte con uno de los servicios técnicos centrales, indicados abajo, para realizar un seguimiento de su consult.

* Om det ikke finns någon auktoriserad Denon-verkstad där du bor, kontakta en av våra internationella servicecentra (se ovan).

* Se non ci sono dei centri assistenza autorizzati nella vostra zona, potete fare riferimento agli altri centri assistenza autorizzati, vedi elenco sopra, per qualsiasi consultazione tecnica.

* Caso não exista um centro de assistência técnica na sua área, consulte um dos centros acima apresentados

* 如若當地並無服務中心，請據上表所列本公司海外服務中心查詢售後服務事宜。

* 若當地無服務中心，請聯繫上述所列我們的海外服務中心，以便跟蹤服務查詢。

DENON, Ltd.

www.denon.com

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DENON[®]

LIMITED WARRANTY

(USA / CANADA)

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USA

DENON ELECTRONICS (USA), LLC

(a D&M Holdings Company/Warranty Repair Information: Call (630) 741-0300)

19C Chapin Road, Suite 205
Pine Brook, NJ 07058-9385
(973) 396-0810
(973) 396-7448 Fax

DENON REGIONAL SUPER SERVICE CENTERS (Repair only-No parts orders please)

PYRAMID AUDIO

305 E. Braker Lane
Austin, TX 78753
(512) 458-8292
(512) 453-4542 Fax

UNITED RADIO SERVICE

2949 Erie Boulevard East
Syracuse, NY 13224
(800) 634-8606
(315) 446-8505 Fax

AUDIO SERVICES

544 Central Dr., Suite 101
Virginia Beach, VA 23454
(757) 498-8227
(757) 498-9554 Fax

INNER SOUND

1416 S.E. Morrison Street
Portland, OR 97214
(503) 238-1955
(503) 238-1787 Fax

LAKES ELECTRONICS

5245 N. University Drive
Lauderhill, FL 33351
(954) 749-6100
(954) 741-3106 Fax

NORMAN'S ELECTRONICS

3653 Clairmont Road
Atlanta, GA 30341
(770) 451-5057
(770) 455-8337 Fax

GOLD CROWN ELECTRONICS

129 E. Savarona Way
Carson, CA 90746
(310) 538-8282
(310) 538-8281 Fax

CANADA

DENON CANADA, INC.

505 Apple Creek Blvd., Unit 5
Markham Ontario, L3R 5B1
(905)475-4085
(905)475-4159 Fax

This warranty will be honored only in the U.S.A.

DENON®

LIMITED WARRANTY

Length of Warranty

This warranty on your DENON product which is distributed and warranted by DENON ELECTRONICS (USA), LLC remains in effect for the following periods from the date of the original consumer purchase from an AUTHORIZED DENON ELECTRONICS (USA), LLC DEALER.

Product Category

Product Category	AVC, AVR, DRA	YEAR(S)
AV/ Controller, AV Receiver, AM/FM Receiver	AV/	2
DVD Receiver	AVD	1
Digital Surround Decoder	AVD	3
Pre-Amplifier, Digital Pre-Amplifier	PRA, AVP, DAP, POA, HA	3
Power-Amplifier, Head Amplifier		
CD Player, DVD Player	TU, PMA	3
Tuner, Integrated Amplifier	DCD, DCM, DR, DA, DVD, DVW	1
Tape Recorder, CD Recorder, MD Recorder	DRM, DRR, DRS, DRW, CDR, CDRW, DMD	1
System Audio	D-(U)PA, UTU, UDCM, UDR, USC, USR, UCD, UDRA) D-A, D-F, D-G, D-M, CDR-M, DRR-M	1
Turntable	DP-L, DP-M	4
Speaker	DP-F	2
Sub-woofer	SC	1
Network/Multimedia Server / Client (Hard Disk Only)	DSW	2
Hard Disk Drive Unit	NS	3
Microphone	DMS	3
Cartridge	DL	2
Remote Controller	RC	90 DAYS
Headphone	AH-D	90

What is Covered

Except as specified below, this Warranty covers all defects in material and workmanship in this product. The following are not covered by the Warranty: (1) Any product which is not distributed in the U.S.A. by DENON ELECTRONICS. (2) Any product which is not purchased in the U.S.A. from an authorized DENON dealer, unless the product is purchased through the U.S.A. Military Exchange Service where the Warranty will be One (1) year for all products listed above except in the case of Cartridges, Accessories, Remote Controller and Headphone which will remain at 90 days. (Note: AUTHORIZED DENON DEALERS can be identified by DENON AUTHORIZED DEALER sticker displayed in the stores. If you are uncertain as to whether a dealer is a DENON AUTHORIZED DEALER, please contact DENON as listed below). (3) Any product on which the serial number has been defaced, modified or removed. (4) Damaged deterioration or malfunction resulting from: a) Accident, act of nature, abuse, misuse, neglect, unauthorized product repair or modification or failure to follow instructions supplied with the product. b) Repair or attempted repair by anyone not authorized by DENON. c) Any shipment of the product (claim must be presented to carrier). (5) Items subject to wear from normal usage (tape heads, cartridges, stylus, battery, etc.). (6) Periodic check-ups which do not disclose any defect. (7) Use of the product outside the U.S.A. (8) Damaged magnetic tape or CD/DVD discs. (9) Use in industrial, commercial, and/or professional applications. (10) Any installation or removal changes resulting from product failure.

What We Will Pay For

If during the applicable warranty period from the date of original consumer purchase your DENON product is found to be defective by DENON, DENON will repair, or at its option, replace with new, used or equivalent model, such defective product without charge for parts or labor.

How to Obtain Warranty Performance

If your unit ever needs service, it may be taken or shipped to any authorized DENON service station or DENON ELECTRONICS (if you are uncertain as to whether a service station is DENON authorized, please contact DENON as listed below.) In all other cases, the following procedures apply whenever your unit must be transported for warranty service:

- You are responsible for transporting your unit or arranging for its transportation.
- If shipment of your unit is required:
 - You must pay the initial shipping charges, but we will pay the return shipping charges if the repairs are covered by the Warranty.
 - WHEN RETURNING YOUR UNIT FOR WARRANTY SERVICE, A COPY OF THE ORIGINAL SALES SLIP MUST BE ATTACHED.
 - You should include the following: your name, address, daytime telephone number, model and serial number of the product and a description of the problem. In the case of a CD or DVD Player, please enclose ONE (1) disc that the unit has failed with for test reasons. It will be returned with the unit.

THIS WARRANTY IS VALID IN THE U.S.A. ONLY.

If your product does not require service, but you have questions regarding its operation, please contact our Technical Services Department as listed below.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

OUR LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL, IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL COMMERCIAL OR PROPERTY DAMAGES OF ANY KIND.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, but you may also have other rights which vary from state to state.

DENON ELECTRONICS (USA), LLC

(a D&M Holdings Company)
19C Chapin Road, Suite 205
Pine Brook, NJ 07058-9385

Product Information: Visit our website (www.usa.denon.com) or Call (973) 396-0810

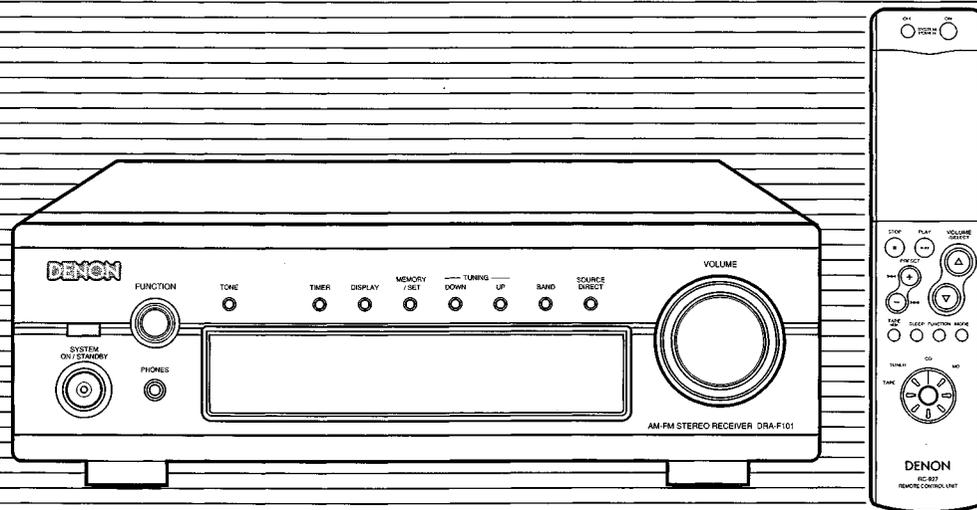
Warranty Repair Information: Call (630) 741-0300

DENON

STEREO RECEIVER

DRA-F101

OPERATING INSTRUCTIONS
MODE D'EMPLOI
INSTRUCCIONES DE OPERACION



FOR ENGLISH READERS
POUR LES LECTEURS FRANCAIS
PARA LECTORES DE ESPAÑOL

PAGE 4 ~ PAGE 19
PAGE 20 ~ PAGE 35
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IMPORTANT TO SAFETY

WARNING:

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

CAUTION

1. Handle the power supply cord carefully

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

2. Do not open the top cover

In order to prevent electric shock, do not open the top cover.

If problems occur, contact your DENON DEALER.

3. Do not place anything inside

Do not place metal objects or spill liquid inside the system.

Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. DRA-F101

Serial No. _____



CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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 to persons.



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.



NOTE:

This stereo receiver uses the semiconductor laser. To allow you to enjoy music at a stable operation, it is recommended to use this in a room of 5°C (41°F) — 35°C (95°F).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

• FOR CANADA MODEL ONLY

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

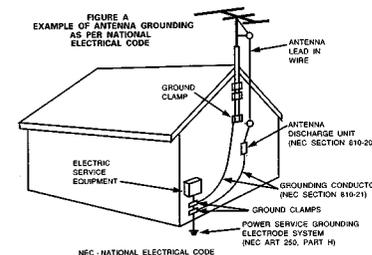
• POUR LES MODELE CANADIENS UNIQUEMENT

ATTENTION

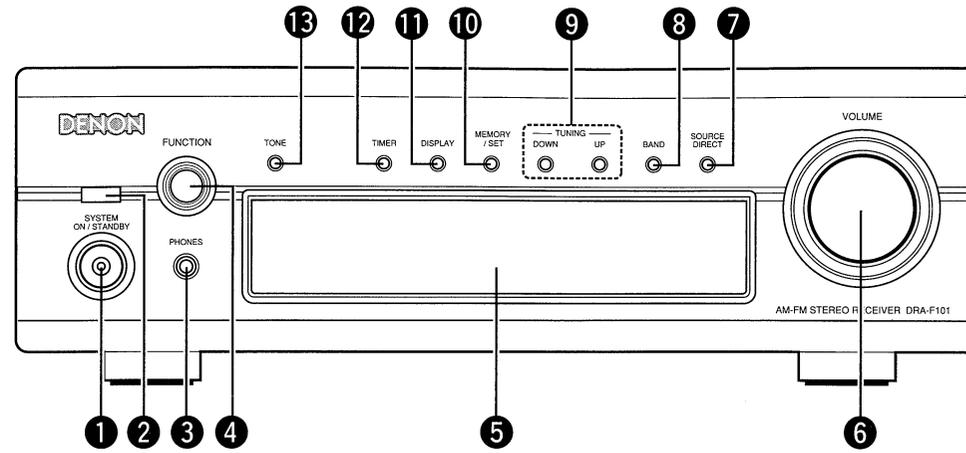
POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTERDUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

SAFETY INSTRUCTIONS

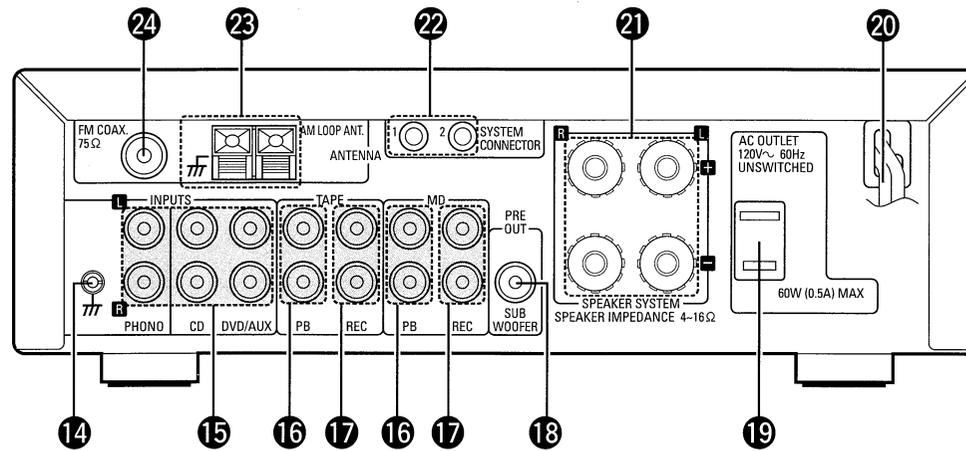
- Read Instructions – All the safety and operating instructions should be read before the product is operated.
- Retain Instructions – The safety and operating instructions should be retained for future reference.
- Heed Warnings – All warnings on the product and in the operating instructions should be adhered to.
- Follow Instructions – All operating and use instructions should be followed.
- Cleaning – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.
- Attachments – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 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.
- 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.
- A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 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 instructions have been adhered to.
- 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 the operating instructions.
- 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 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 upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
- Outdoor Antenna Grounding – If an outside antenna or cable system is connected to the product, be sure the antenna or cable 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 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 A.
- 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.
- 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.
- Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 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.
- 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.
- Damage Requiring Service – Unplug this product from the wall 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 product,
 - if the product has been exposed to rain or water,
 - 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,
 - if the product has been dropped or damaged in any way, and
 - if the product exhibits a distinct change in performance – this indicates a need for service.
- 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.
- 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.
- Wall or Ceiling Mounting – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
- Heat – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.



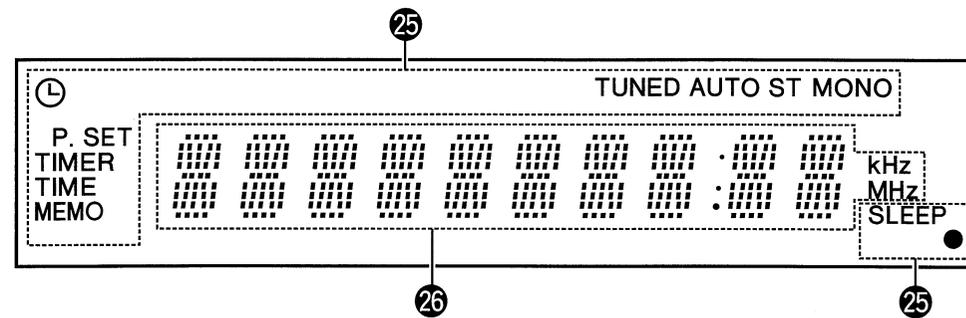
FRONT PANEL
 PANNEAU AVANT
 PANEL FRONTAL



REAR PANEL
 PANNEAU ARRIERE
 PANEL TRASERO



DISPLAY
 AFFICHAGE
 VISUALIZADOR



NOTE ON USE / OBSERVATIONS RELATIVES A L'UTILISATION / NOTAS SOBRE EL USO

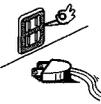
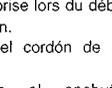
 <ul style="list-style-type: none"> • Avoid high temperatures. Allow for sufficient heat dispersion when installed on a rack. • Eviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère. • Evite altas temperaturas. Permite la suficiente dispersión del calor cuando está instalado en la consola. 	 <ul style="list-style-type: none"> • Keep the set free from moisture, water, and dust. • Protéger l'appareil contre l'humidité, l'eau et la poussière. • Mantenga el equipo libre de humedad, agua y polvo. 	 <ul style="list-style-type: none"> • Do not let foreign objects in the set. • Ne pas laisser des objets étrangers dans l'appareil. • No deje objetos extraños dentro del equipo.
 <ul style="list-style-type: none"> • Handle the power cord carefully. Hold the plug when unplugging the cord. • Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon. • Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía. 	 <ul style="list-style-type: none"> • Unplug the power cord when not using the set for long periods of time. • Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes. • Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo. 	 <ul style="list-style-type: none"> • Do not let insecticides, benzene, and thinner come in contact with the set. • Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil. • No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.
 <ul style="list-style-type: none"> • Do not obstruct the ventilation holes. • Ne pas obstruer les trous d'aération. • No obstruya los orificios de ventilación. 	 <p>* (For sets with ventilation holes)</p> <ul style="list-style-type: none"> • Do not obstruct the ventilation holes. • Ne pas obstruer les trous d'aération. • No obstruya los orificios de ventilación. 	 <ul style="list-style-type: none"> • Never disassemble or modify the set in any way. • Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre. • Nunca desarme o modifique el equipo de ninguna manera.

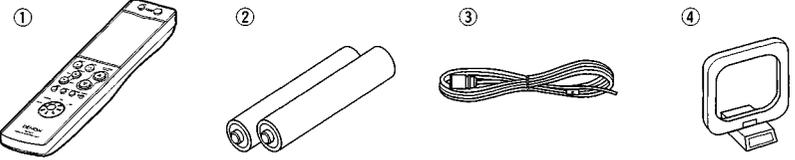
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ACCESSORIES

Check that the following parts are included in the package aside from the main unit:

1 Remote control unit (RC-927)	1	4 AM loop antenna	1
2 Batteries R03 (AAA)	2	5 Operating instructions	1
3 FM indoor antenna	1	6 Service station list	1



1 MAIN FEATURES

1. HC-TR output circuit for both subtlety and power

A single push-pull circuit using an HC-TR (high current transistor) based on the same principles as the UHC-MOS used in the POA-S1, DENON's top grade monaural power amplifier, achieves both stable a high current supply and excellent low level signal linearity. The result is an extremely high level of both subtlety and power.

2. Strong power circuitry supporting the expressive abilities of the HC-TR output circuit

The strong power circuitry consisting of high speed rectifier diodes and large high sound quality block condensers allow the HC transistor output circuit to be used to its maximum potential.

3. S.L.D.C.

The DRA-F101 uses an S.L.D.C. (Signal Level Divided Construction) with the ideal separation of the different circuits (low level signal circuit, high level signal circuit, microprocessor circuit, etc.)

4. Source Direct function for improved sound quality

The DRA-F101 is equipped with a source direct function that bypasses the bass, treble, loudness and balance control circuits to achieve a simple signal path, contributing to keeping the sound pure.

5. AM/FM tuner with random 40-station preset function

6. System remote control unit

The DRA-F101 comes with a system remote control unit that can be used to control the CD player (DCD-F101) (when used system connections only).

7. Low standby power consumption

The power consumption when the power is in the standby mode is reduced to 1W or less.

2 BEFORE USING

Read the following before using the set.

• Before turning on the power

Check again that all connections are correct and that there are no problems with the connection cords. Be sure to unplug the power cord before connecting or disconnecting the connection cords.

• Moving the set

To prevent short-circuits or damage to the connection cords, always unplug the power cord and disconnect the connection cords between all other audio components when moving the set.

• Store this instructions in safe place

After reading, store this instructions along with the warranty in a safe place. Also fill in the items on the back paper for your convenience.

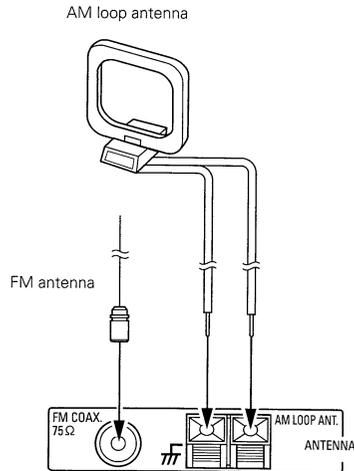
• Illustrations in this manual

Note that some of the illustrations used for explanations in this manual may differ from the actual set.

3 CONNECTING THE ANTENNAS

Installing the FM indoor antenna

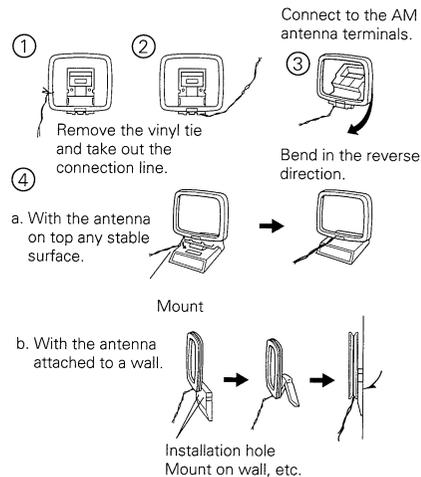
Tune in FM station (see page 13), set the antenna so that distortion and noise is minimal, then secure the tip of the antenna in this position using tape or a pin.



Installing the AM antenna

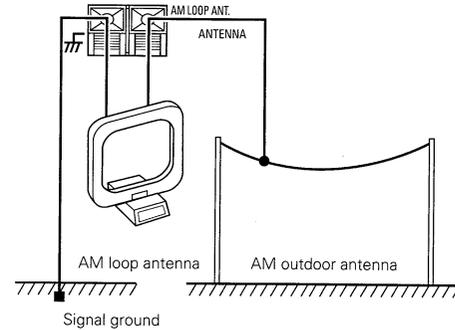
Tune in an AM station (see page 13) and set the antenna as far from the system as possible to keep distortion and noise is minimal. In some cases, it is best to invert the polarities. AM broadcasts cannot be received well if the loop antenna is not connected or if it is set close to metal objects.

Assembling the AM loop antenna



Installing an AM outdoor antenna

Connect the signal wire from the AM outdoor antenna to the antenna terminal. Be sure to connect the signal ground wire to the ⚡ terminal. Also be sure to connect the included AM loop antenna.



Connecting an FM outdoor antenna

If good reception cannot be achieved with the included FM antenna, use an FM outdoor antenna. Connect an IEC-type connector to the coaxial cable and connect the antenna to the FM COAX (75 Ω/ohms) terminal.

Selecting a place for the FM outdoor antenna

- Set the antenna so that it points towards the broadcast station's transmitting antenna. Behind buildings or mountains, set the antenna in the position at which reception is best, and also try changing the direction of the antenna.
- Do not install the antenna under power lines. Doing so is extremely dangerous, as the power line could touch the antenna.
- Install the antenna away from roads or train tracks to avoid noise from cars or trains.
- Do not install the antenna too high, as it may be hit by lightning.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

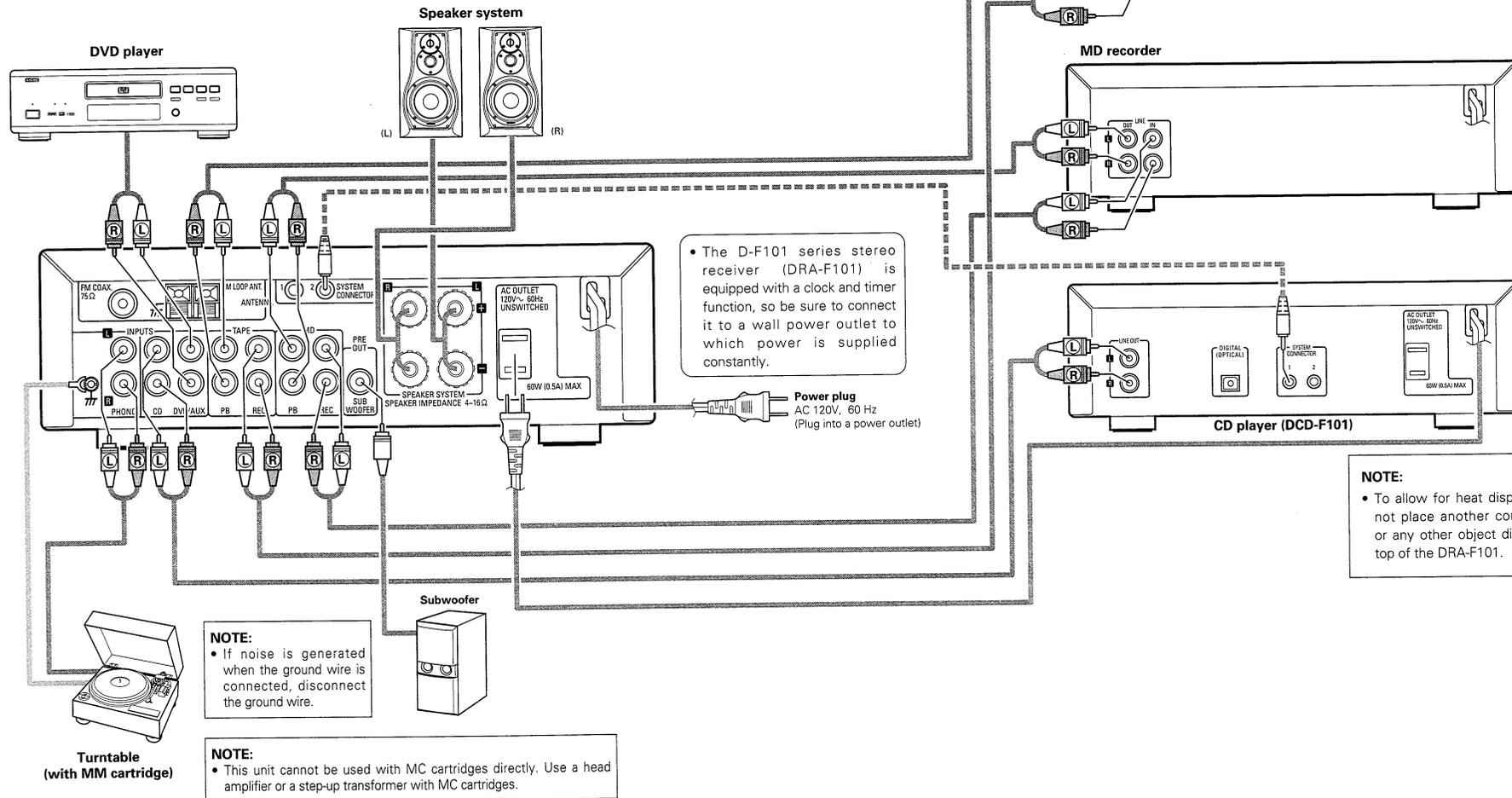
4 CONNECTIONS

- When connecting, also refer to the manuals of the other components.
- When connecting to the DCD-F101, make the system connection shown by dotted line on the diagram below.
- The DRA-F101 is not equipped with connection cord. Use the connection cord included with the DCD-F101.

NOTES:

- Do not plug the power cords into the power outlets until all connections have been completed.
- Check the left and right channels and be sure to interconnect them correctly (R to R, L to L).
- Plug in the power cords securely. Incomplete connections will result in noise.
- **Use the AC OUTLET for audio equipment only. Do not use them for hair driers, etc.**
- Do not clasp the connection cords together with the power cords or place them near other electric products. Doing so may result in noise.
- The PHONO input jack is extremely sensitive. A booming sound may be produced from the speakers if the volume is turned up when no turntable is connected.
- The sound of another component may be heard if no component is connected to the input jacks of the function selected with the FUNCTION selector.

• When making system connection with the DCD-F101, connect the system cord to the DRA-F101 system connector (either 1 or 2). (System connection is indicated by dotted line on the diagram.)

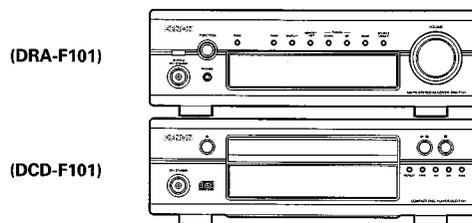


System Operations

- System operations such as the timer playback and auto power on functions can only be used if stereo audio cords and system cords are connected between all the system components. Be sure to securely connect all the connection cords between all the units.
- Disconnecting a system cord during system operation may result in malfunction. Be sure to unplug the power cords before changing the connections.

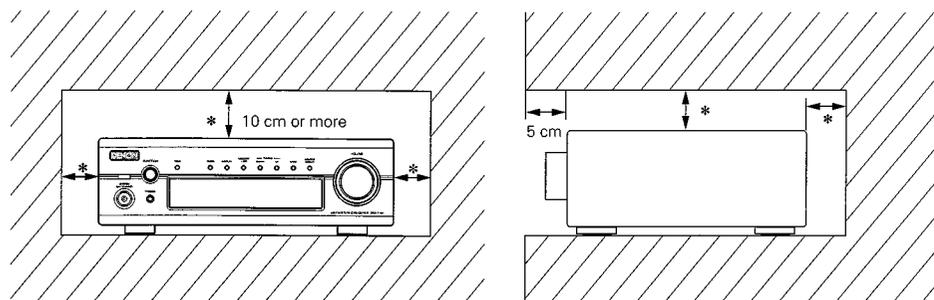
Recommended System Installation

- To ensure performance and stability, install the system (D-F101 series) as shown below.



- * Do not place another component directly on top of the DRA-F101. To allow for heat dispersal, leave a space of at least 10 cm above the DRA-F101 so as not to obstruct its ventilation holes.
- * For stability, do not stack more than three components on top of each other.

For heat dispersal, leave at least 10 cm of space between the top, back and sides of this unit and the wall or other components.



Switching the input function when input jacks are not connected

A clicking noise may be produced if the input function is switched when nothing is connected to the input jacks. If this happens, either turn down the VOLUME control or connect components to the input jacks.

Please be sure to unplug the cord when you leave home for a vacation.

Connecting Speaker Systems

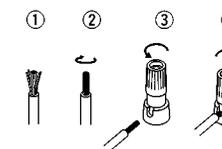
Speaker impedance

Use speaker systems with an impedance of 4 to 16Ω/ohms.

- Note that using speakers with other impedances will activate the protector circuit and may result in damage.

Connecting the speaker cords

- ① Peel off the coating from the tip of the cord.
- ② Twist the core wire.
- ③ Turn the speaker terminal counterclockwise to loosen it.
- ④ Completely insert the core wire, then turn the terminal clockwise to tighten it.



- Ⓞ Be sure to connect the speaker cords to the terminals with the same polarities on the speaker and amplifier (⊕ to ⊕, ⊖ to ⊖).
- Ⓞ When connecting, make sure that the speaker cords' core wires do not stick out and touch other terminals, other core wires or the rear panel.

NOTE:

- NEVER touch the speaker terminals while the set is connected to a power supply. Doing so may result in electric shock.

Protector Circuit

The DRA-F101 is equipped with a high speed protector circuit.

This circuit prevents strong currents from being generating inside the unit and damaging internal circuitry if the speaker cables are not securely connected to the speaker terminals or if they are short-circuited. If the protector circuit is activated, the speaker output is automatically cut off. If this happens, turn off the unit's power, check the speaker cable connections, then turn the power back on. The sound will be muted for several seconds, after which the unit will operate normally.

5 PART NAMES AND FUNCTIONS

(1) Front Panel

1 Power operation switch (ON/STANDBY)

- This turns the power for the entire system on and off.
- Press this once to turn the power on, then press again to set the power to STANDBY mode.
- The LED color changes as follows, according to the condition:
 - During power ON : green
 - During STANDBY : red
 - During TIMER STANDBY: orange

*The muting mode is set when the main unit's power button is pressed and when the standby mode is canceled from the remote control unit. The power indicator flashes green when in the muting mode, then stops flashing and turns green once the set is in the operational mode.

*If the indicator is flashing orange (quickly): The protective circuit is activated.

If this happens, unplug the power cord to turn the indicator off, then check the input and output terminals on the rear panel. Check in particular for short-circuiting of the speaker cords. Once all connections have been corrected, plug the power cord. (Wait for at least 10 seconds after turning the power off before turning it back on.)

• When the DRA-F101 is connected in a system with the DCD-F101, its power button works as the power button for the entire system. When the DRA-F101's power turns on, the power of the DCD-F101 also turns on.

*Power is supplied to the DRA-F101 even when the power is in the standby mode (low power consumption).

2 REMOTE SENSOR (Remote Control Sensor)

- Point the included remote control unit (RC-927) at this sensor when operating it.

3 Headphones jack (PHONES)

- Use this jack to listen to the sound over commercially available headphones.
- When the headphones' plug is inserted into the jack, the speaker output is automatically cut off, so no sound is produced from the speakers.

4 Function dial (FUNCTION)

- Switches the input function. Also used to set the modes selected with the mode button. (See pages 12, 13.)

5 Display

Refer to page 9.

6 Volume control dial (VOLUME)

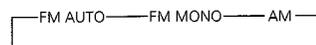
- Use this to adjust the overall volume. (Rotary Encoder System).
- The volume increases when the control is turned clockwise (↻), decreases when it is turned counterclockwise (↺).
- The volume increases and decreases in 63 steps from the minimum (VOLUME 0) to the maximum (VOLUME MAX).

7 Source direct button (SOURCE DIRECT)

- When pressed and set to the "ON" position, the tone control (bass, treble, balance and loudness) circuits are set into default condition.
- When pressed again and set to the "OFF" position, the signals pass through the tone control circuits, so the tone (bass, treble, balance and loudness) can be adjusted as desired.

8 Band button (BAND)

- Each time this button is pressed, the band and FM reception mode change as follows.



9 Tuning buttons (TUNING UP AND DOWN)

- Use these buttons to tune in AM and FM stations. (TUNING UP/DOWN) (See page 13.)

10 Memory/set button (MEMORY/SET)

- Use this as the memory button when presetting AM and FM stations.
- Use this as the set button when setting the time and timer and when inputting data.
- When the PTY search mode, press this button to select the type of program.

11 Display button (DISPLAY)

Each time this button is pressed, the display changes as follows:



12 Timer button (TIMER)

- Press this button during power ON mode to confirm or change the display. Each time this button is pressed, the display changes as follows:



CLOCK: Indicates the current time.

TIMER STANDBY: Indicates the timer standby mode. Use the TUNING buttons to set the timer standby mode on or off (refer to page 16).

- Press this buttons for at least 3 seconds to set the timer (refer to page 15) or to confirm the timer contents (refer to page 16). Each time the TUNING button is pressed, the display changes as follows:



TIME: Use this to set the time.

EVERYDAY: Use this to set the everyday timer.

ONCE: Use this to set the once timer.

- Press this button during in STANDBY mode to switch ON/OFF ("Saving Energy Mode") the clock display.

13 Tone button (TONE)

- Use this to set the bass, treble and balance level. (Refer to pages 12, 13.)
- Use this to set the loudness function to on or off. (Refer to page 13.)

(2) Rear Panel

14 SIGNAL GND (ground) terminal

- Connect the turntable's ground wire here.

NOTE:

- This terminal is designed to reduce noise when a turntable is connected. This is not a safety ground.

15 INPUT terminals (INPUTS)

These are input terminals for CD player, turntable, DVD or other playback components.

16 TAPE and MD PLAY terminals (PB)

- Playback terminals (PB)

17 TAPE and MD REC terminals (REC)

- Recording terminals (REC)
- These are output jacks for recording.
- **TAPE:** Use these to connect a cassette deck.
- **MD:** Use these to connect an MD recorder

18 PRE OUT terminal (SUB WOOFER)

- Connector jack for subwoofer with built-in amplifier (super woofer), etc.

19 AC OUTLET

- When using in combination with the DCD-F101, connect DCD-F101 to the AC outlet on the receiver (DRA-F101).

20 Power cord

- Plug this cord into a wall power outlet.

21 Speaker terminals (SPEAKER SYSTEM)

- Use these to connect the speakers.

22 System connectors (SYSTEM CONNECTOR 1 and 2)

- When connecting the DCD-F101 in a system, connect these connectors to system connectors on DCD-F101. (Use the system cord included with the DCD-F101.)

23 AM antenna terminal (ANTENNA TERMINAL AM)

- Connect the AM antenna here.

24 FM antenna terminal (ANTENNA TERMINAL FM)

- Connect the FM antenna here.

(3) Display [5]

25 Mode indicators

- These indicate the various modes.
- : This lights when the timer is set to the standby mode. It does not light if the current time and the timer have not been set.
- **TIME:** This lights when the display is set to the time display.
- **TIMER:** This lights when the timer is set. It also lights while the timer is being set.
- **TUNED:** This lights when a station is properly tuned in.
- **STEREO:** This lights in the AUTO mode when a stereo broadcast is tuned in.
- **MONO:** This lights in the AUTO mode when a monaural broadcast is tuned in and when the MONO mode is set with the BAND button.
- **AUTO:** This lights when the AUTO mode is set with the BAND button.
- **MEMO:** This flashes when storing AM and FM stations in the preset memory to indicate that the station can be stored in the memory.
- **SLEEP:** This lights when the sleep timer is activated.

26 Main display section

- The function, input program source, etc., are displayed here.
- During normal operation the input program source is displayed.
- When the mode button is pressed, the display switches to show the various functions.
- The reception band, reception frequency, time, timer setting times, etc., are displayed here.

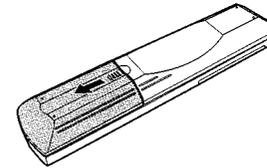
6 SYSTEM REMOTE CONTROL

■ The included remote control unit (RC-927) can be used to perform the main operations of the units in the D-F101 series that are connected with system connections. Other components cannot be operated with this remote control unit.

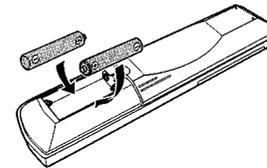
Note that some functions may not operate with system remote control units. In this case, use the remote control unit included with the component.

(1) Inserting Batteries

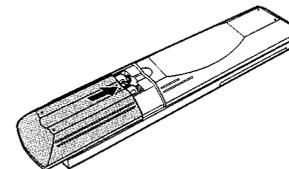
① Remove the remote control unit's cover.



② Insert two R03 (AAA) batteries into the battery compartment in the direction indicated by the marks.



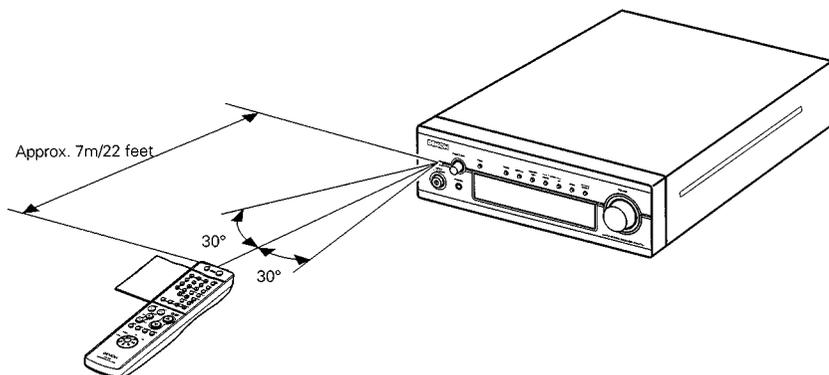
③ Set the cover back in its original position.



Cautions on Batteries

- Use R03 (AAA) batteries in this remote control unit.
- Replace the batteries with new ones after approximately 1 year, though this depends on the frequency with which the remote control unit is used.
- Replace the batteries with new ones if the unit does not operate when the remote control unit is operated from nearby, even if the batteries are less than a year old.
- Be sure to insert the batteries in the proper direction, following the "⊕" and "⊖" marks in the battery compartment.
- To avoid damage or leakage of battery fluid:
 - Do not use a new battery with an old one.
 - Do not use two different types of batteries.
 - Do not short-circuit, take apart, heat or dispose of batteries in flames.
- Remove the batteries when you do not plan to use the remote control unit for an extended period of time.
- If the battery fluid should leak, carefully wipe off the fluid from the inside of the battery compartment, then insert new batteries.

(2) Using the Remote Control Unit



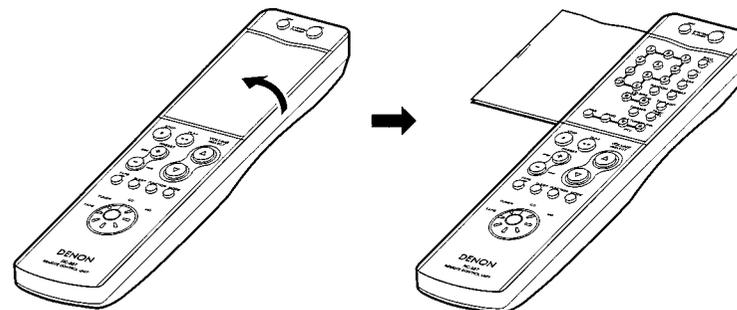
NOTES:

- The remote control unit may not work properly if the remote sensor is exposed to direct sunlight or strong artificial light or if there is an obstacle between the remote control unit and the remote sensor.
- Do not press the buttons on the main unit and the remote control unit at the same time. Doing so will result in malfunction.

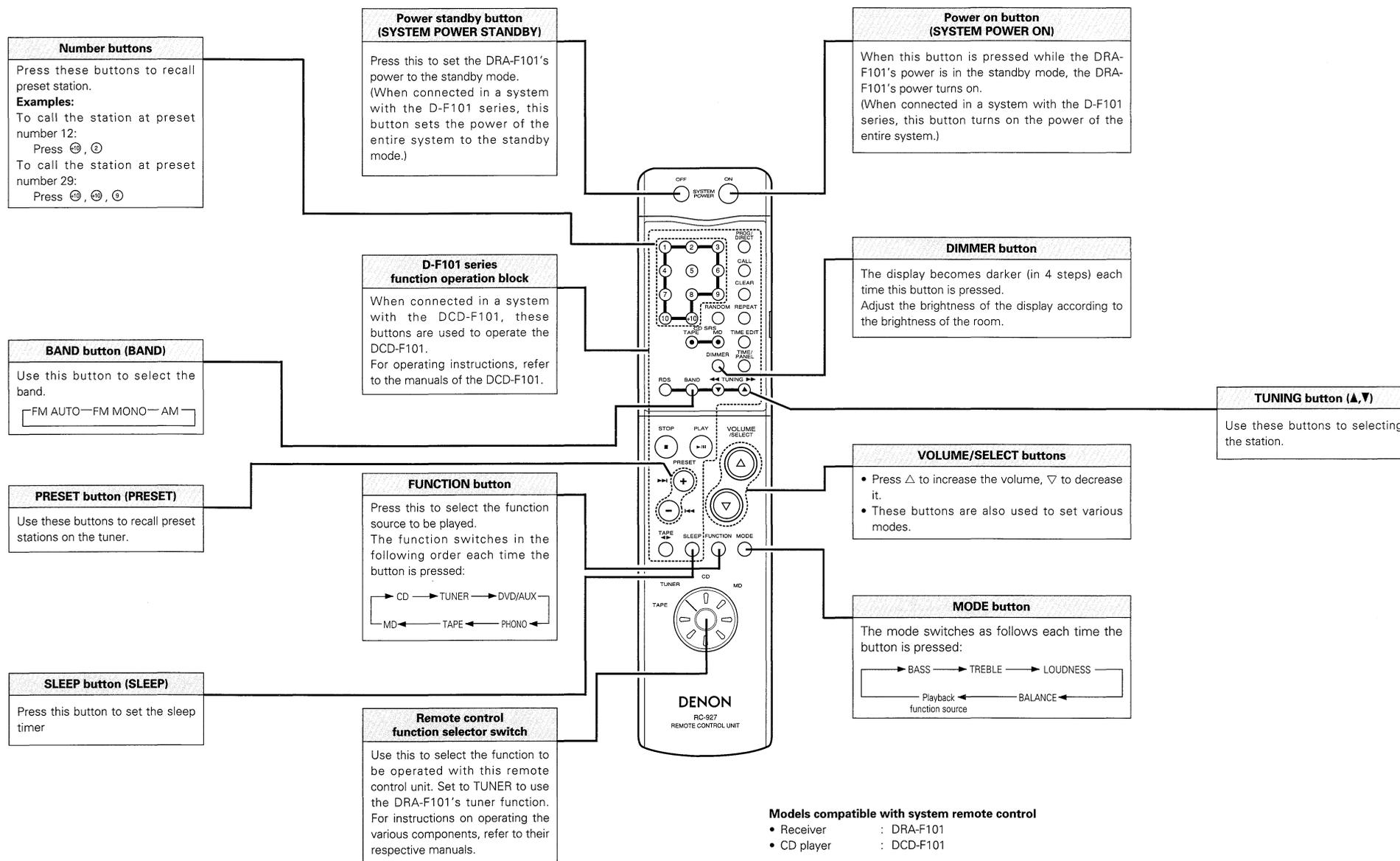
- Point the remote control unit at the remote sensor on the main unit as shown on the diagram when operating it.
(When system connections are made, the remote control signals for all the system components are received at the DRA-F101 remote sensor.)
- The remote control unit can be used from a straight distance of about 7 meters, but this distance will be shorter if there is an obstacle in the way or if the remote control unit is not pointed directly at the remote sensor.
- Use the remote control unit within a range of 30° to the left and right of the remote sensor.

(3) Names and Functions of Remote Control Unit Buttons

■ Opening the remote control unit's cover



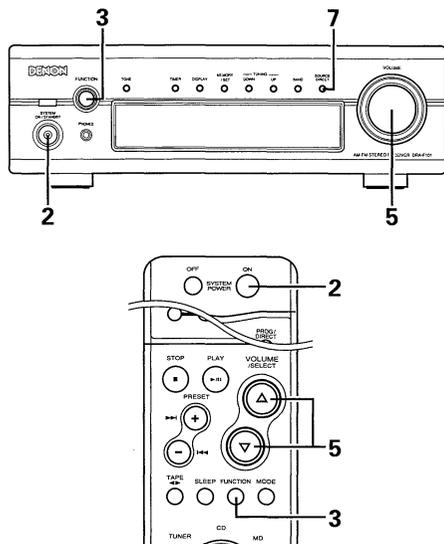
■ Buttons not described here function in the same way as the corresponding buttons on the main unit.



* The buttons above for which there are no explanations cannot be operated with the DRA-F101.

7 OPERATION

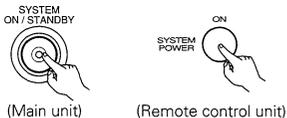
(1) Playback



1 Check that all connections are correct.

Turn on the power.

- The indicator first flashes green, then after about 6 seconds stops flashing, remaining lit, indicating that the unit is set to the power on mode.



- 2** ■ Power on/standby mode and function memory
- Ⓞ When the remote control unit is used to turn the DRA-F101's power on from the standby mode, the function is set to the function that was selected when the power was last set to the standby mode. (Last memory function)
 - Ⓞ If the function has been cleared from the memory, the function is set to "CD" when the DRA-F101's power is turned on.

(2) Recording

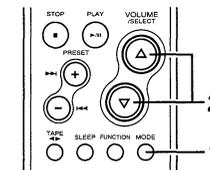
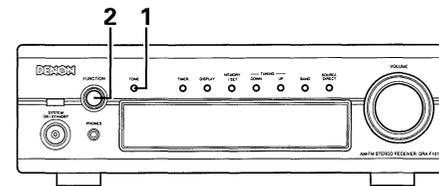
1 Follow step 1 to 4 under "(1) Playback".

Start recording on the cassette deck or MD recorder.

For instructions, refer to the component's operating instructions.

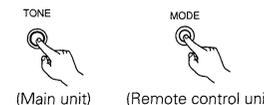
- Operating the VOLUME, BALANCE, BASS, TREBLE and the LOUDNESS controls will not affect the sound being recorded.
- When the function source is set to "MD", recording is performed from the MD recorder onto the cassette deck. When the function source is set to "TAPE", recording is performed from the cassette deck onto the MD recorder.

(3) Setting the various modes

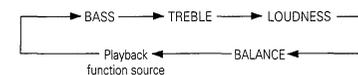


[1] Adjusting the bass and treble

Press the TONE or MODE button to display the mode to be adjusted ("BASS" or "TREBLE").

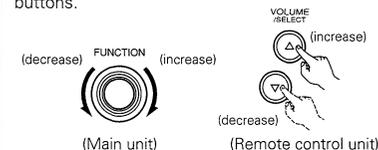


- 1** • The mode switches as follows each time the button is pressed:



* This cannot be selected when the source direct mode is set to "ON".

Either turn the FUNCTION dial on the main unit or use the remote control unit's SELECT buttons.



- 2**
- To increase the bass or treble: Turn the dial clockwise (↻) or press the Δ button.
 - To decrease the bass or treble: Turn the dial counterclockwise (↺) or press the ▽ button.
 - The bass and treble can be adjusted within the range of -8 to +8 in steps of 2. The response is flat at 0.

3	<p>Either turn the FUNCTION dial on the main unit or press the remote control unit's FUNCTION button to select the function source to be played.</p> <ul style="list-style-type: none"> • The function switches in the order shown below. * The function switches in the opposite order when the dial is turned counterclockwise (↺).
	<p>(Main unit) (Remote control unit)</p>
4	<p>Start playback of the selected function source.</p> <ul style="list-style-type: none"> • For instructions on operation, refer to the component's operating instructions.
5	<p>Adjust the volume.</p>
	<p>(Main unit) (Remote control unit)</p>
6	<p>Adjust the BALANCE, BASS, and TREBLE controls and set the LOUDNESS position to the desired position.</p> <p>* For instructions on adjusting, see "(3) Setting the various modes" on page 12, 13.</p>
7	<p>To use the source direct function: Press the SOURCE DIRECT button to display "SD ON".</p>
	<p>(Main unit)</p>

[2] Setting the loudness mode

1

Press the TONE or MODE button to display "LOUDNESS".

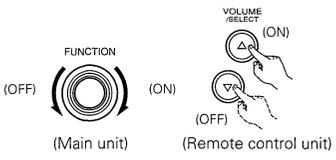


(Main unit) (Remote control unit)

- The mode switches as shown at the left each time the button is pressed.
- * "LOUDNESS" cannot be selected when the source direct mode is on.

2

Either turn the FUNCTION dial on the main unit or use the remote control unit's SELECT buttons.



(Main unit) (Remote control unit)

- To set to "ON": Turn the dial clockwise (↻) or press the Δ button.
- To set to "OFF": Turn the dial counterclockwise (↺) or press the ▽ button.

[3] Adjusting the balance

1

Press the TONE or MODE button to display "BALANCE" (Refer to page 12.)

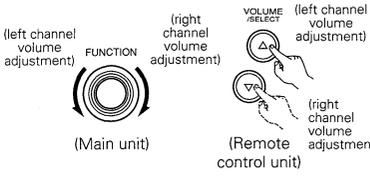


(Main unit) (Remote control unit)

* "BALANCE" cannot be selected when the source direct mode is on.

2

Either turn the FUNCTION dial on the main unit or use the remote control unit's SELECT buttons.

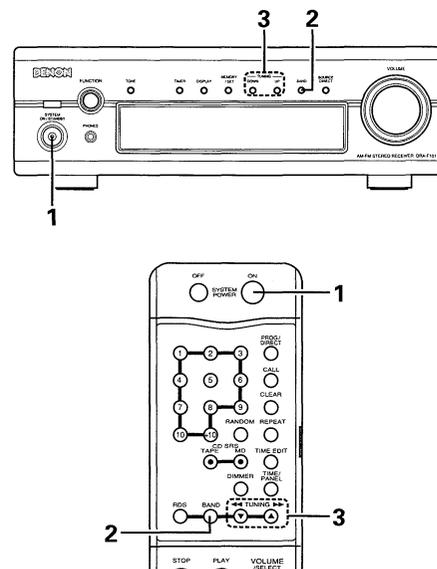


(Main unit) (Remote control unit)

- If the volume of the right speaker is low: Turn the dial clockwise (↻) or press the Δ button.
- If the volume of the left speaker is low: Turn the dial counterclockwise (↺) or press the ▽ button.
- The balance can be set to "CENTER" or adjusted within the range of +1 to +10 in steps of 1. When set "CENTER", the difference between the volume of the left and right speakers is 0.

[8] LISTENING TO RADIO

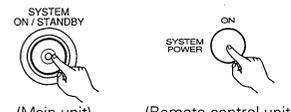
(1) Tuning



Example: Tuning in FM 92.50 MHz
(AM stations are tuned in using the same procedure.)

1

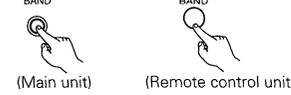
Press the power operation switch to turn on the power.



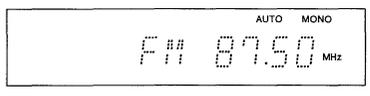
(Main unit) (Remote control unit)

2

Press the BAND button on the tuner to select the FM AUTO.



(Main unit) (Remote control unit)



Auto Tuning

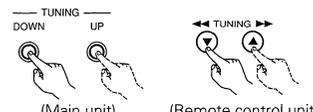
- When a program being broadcast in stereo is received, the "STEREO" indicator lights and the program is received in stereo.
- If reception is poor and there is much noise in the stereo signals, press the BAND button to set the FM MONO mode.
- When one of the TUNING UP/DOWN button is pressed, the frequency changes in steps of 100 kHz in the FM band, 10 kHz in the AM band.
- If one of the TUNING UP/DOWN button is held for over 1 second, the frequency continues to change when the button is released (auto tuning) and stops when a station is tuned in. Tuning will not stop at stations whose reception is poor.
- To stop the auto tuning function, press the TUNING UP/DOWN button once.

NOTE:

A humming sound may be heard when using a TV nearby while receiving AM programs. If this happens, move the system as far from the TV as possible.

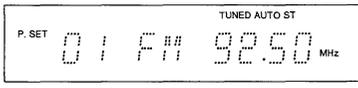
3

Use the TUNING UP/DOWN button to tune the frequency to 92.50.



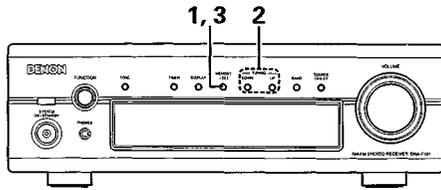
(Main unit) (Remote control unit)

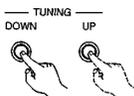
This lights when a station is tuned in.



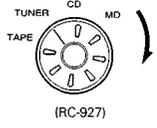
(2) Presetting AM and FM stations

Example: To preset the currently tuned in FM station at preset number "3"



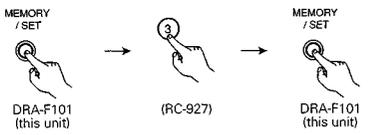
1	<p>Press the MEMORY/SET button.</p> <ul style="list-style-type: none"> The "P.SET", "MEMO" indicator flashes.  <ul style="list-style-type: none"> Depending on what preset number is displayed before the button is pressed, the preset number section flashes as shown below and the setting standby mode is set. <ul style="list-style-type: none"> When "01" to "10" or "0-" is displayed, "0-" flashes. When "11" to "20" or "1-" is displayed, "1-" flashes. When "21" to "30" or "2-" is displayed, "2-" flashes. When "31" to "40" or "3-" is displayed, "3-" flashes.
2	<p>While the "MEMO" indicator is flashing, press the TUNING UP button three times to display "P.SET", "03".</p>  <ul style="list-style-type: none"> To store the station at a different preset number, use the tuning buttons (TUNING UP or DOWN) to set the desired preset number.
3	<p>Press the MEMORY/SET button again while the "MEMO" indicator is flashing.</p> <ul style="list-style-type: none"> The "MEMO" indicator turns off and the station is preset. 
<p>* A total of 40 AM and FM stations can be preset using this procedure.</p>	

* When operating with the system remote control unit, first set the remote control unit's function selector switch to "TUNER".



(RC-927)

Procedure



MEMORY / SET (DRA-F101 (this unit)) → (RC-927) → MEMORY / SET (DRA-F101 (this unit))

- This setting can also be made by pressing the  button instead of pressing "3".
- To store the station at a different preset number, use the number buttons and the +10 button on the system remote control unit (RC-927) to set the desired preset number.

Examples:

To store the station at preset number 12:
Press , 

To store the station at preset number 29:
Press , , 

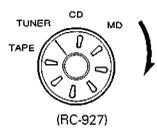
Presetting

- When a station is preset, both the reception frequency and reception mode are stored in the memory.
- If a station is preset at a number where another station is already preset, the previous station is erased and the new station is set.
- The preset memory is not erased immediately if the power supply is cut off momentarily.

(3) Tuning in Preset Stations

Example: To tune in the station stored at preset number "3"

* When operating with the system remote control unit, first set the remote control unit's function selector switch to "TUNER".



(RC-927)

Procedure:

- Instead of pressing , the preset channel can also be called out by pressing the  button to display "P.SET 03".
- To call the station at a different preset number, use the number buttons and the +10 button on the system remote control unit (RC-927) to set the desired preset number.

Examples:

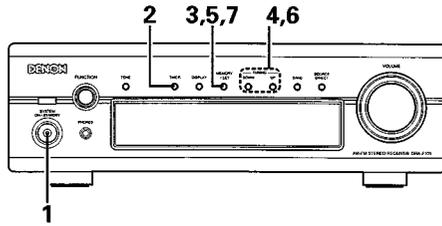
To call the station at preset number 12:
Press , 

To call the station at preset number 29:
Press , , 

9 USING THE TIMER

(1) Setting the Current Time (12-hour display)

Example: Setting the current time to 9:30 p.m.



1	Turn on the power.	
2	Press the TIMER button for at least 3 seconds. • "TIME" flashes on the display. • If the time is already set, "EVERYDAY" is displayed. Press one of the TUNING buttons to display "TIME", then perform step 3.	
3	Press the MEMORY/SET button. • The hours position flashes.	

(2) Before Setting the Timer

- Be sure to set the current time. If the current time is not set, the timer standby indicator (☾) will not light and the timer will not function.
- Be sure to preset the station before setting the timer. (Refer to "Presetting AM and FM stations" on page 14.)
- The DRA-F101 is equipped with two types of timers: the everyday time which turns the power on and off at the same times every day, and the once timer that turns the power on and off only once.
- Do not change the timer standby mode after the timer is activated (after the timer on time is reached). The timer may not operate properly.
- It is not possible to set the timer start and end times to the same time.
- If the display or operation is not normal, unplug the power cord, then plug it back in while pressing the memory/set button (MEMORY/SET). This restores the tuner to the initial default values. After doing this, reset the presets, current time and timer settings.
- When setting the timer to operate the CD player do so with a disc loaded and the disc holder closed. The timer will not operate properly if no disc is loaded or if the disc holder is open.

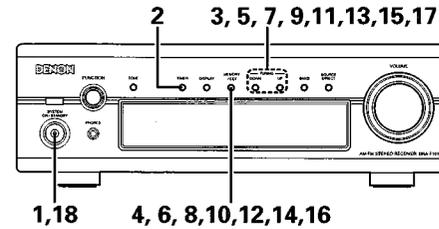
4	Use the TUNING buttons to input the hours (PM 9). • "9" flashes in the hours position.	
5	Press the MEMORY/SET button. • "9" stops flashing, remaining lit, and the minutes position starts flashing.	
6	Use the TUNING buttons to input the minutes (30). • "30" flashes in the minutes position.	
7	Press the MEMORY/SET button at the sound of the chime of a time service, etc. • "30" stops flashing, remaining lit, and the current time is displayed.	

* The number changes continuously when one of the tuning buttons (TUNING UP or DOWN) is pressed.
* If the time is already set when step 2, 3 is performed, both the hours and minutes positions flash.

(3) Setting the Timer

- The timer function lets you switch the power between the on and standby modes automatically at the desired times.
- When connected in a system with the DCD-F101, the timer can be used to play a CD.

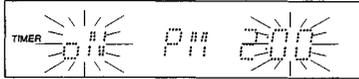
Example: Using the everyday timer to listen to the station stored at preset number 3 (FM 98.00 MHz) from 2:35 p.m. to 2:56 p.m.



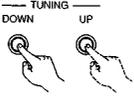
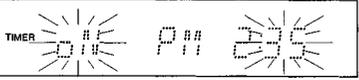
1	Turn on the power.	
2	Press the TIMER button for at least 3 seconds. • "EVERYDAY" is displayed. * If the time is not set, "TIME" is displayed. Perform steps 3 to 7 on page 15, then start the timer setting over.	
3	Press one of the TUNING buttons to display "EVERYDAY" or "ONCE".	
4	Press the MEMORY/SET button. • This sets the unit to the timer setting mode's function setting mode. Example: When the everyday timer is selected	

5	Use the TUNING buttons to switch the function to "TUNER". * The function switches as follows each time the button is pressed: 	
6	Press the MEMORY/SET button. • "TUNER" is stored in the memory as the timer function.	
7	Use the TUNING buttons to set preset number 3.	
8	Press the MEMORY/SET button. • The preset station is stored in the memory and the timer on time setting mode is set. "E" and "oN" appear alternately in the display in the steps 8 to 11.	
9	<Setting the timer on time> Use the tuning buttons to set the hours position to "PM 2".	

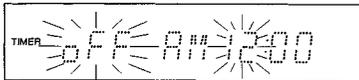
10 Press the MEMORY/SET button.
 • "PM 2" is stored in the memory for the hours position.

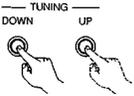
11 Use the TUNING buttons to set the minutes position to "35".

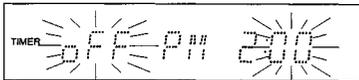
12 Press the MEMORY/SET button.
 • The on time is stored in the memory and the timer off time setting mode is set.
 "E" and "oFF" appear alternately in the display in the steps 12 to 15.

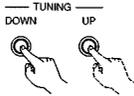
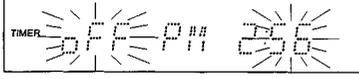
13 **<Setting the timer off time>**
 Use the TUNING buttons to set the hours position to "PM 2".




14 Press the MEMORY/SET button.
 • "PM 2" is stored in the memory for the hours position.

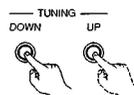
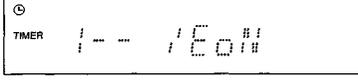
15 Use the TUNING buttons to set the minutes position to "56".

16 Press the MEMORY/SET button.
 • The off time is stored in the memory.



17 Use the TUNING button to select "E oN".
 • The "⌚" mark lights.

18 Turn off the power.
 When the DRA-F101 is connected in a system with the D-F101 series, press the power button on the receiver.
 • The standby mode is set.
 (The power switch indicator turn orange and display turn off.)



* Turning on and off the timer standby ON/OFF
 • In TIMER STANDBY mode, each time the TUNING button is pressed, the setting changes as follows:

```

    graph TD
      A[1 oN/E oN: Both once and everyday timers are activated. (The ⌚ mark lights.)] <--> B[1_/E oN: Only the everyday timer is activated. (The ⌚ mark lights.)]
      B <--> C[1 oN/E_: Only the once timer is activated. (The ⌚ mark lights.)]
      C <--> D[1_/E_: Both timers are canceled. (The ⌚ mark turns off.)]
    
```

- When you set only the everyday timer, the indication changes between 1_/E_ and 1_/E oN.
- When you set only the once timer, the indication changes between 1_/E_ and 1 oN/E_.
- When you complete the setting, the display automatically returns to the former state after 5 seconds.
- To change the settings of TIMER STANDBY, press TIMER button to set the unit in TIMER STANDBY mode first, the use TUNING button to make changes.

- * When the timer start time is reached, the timer operates.
- * If "ONCE" is selected in step 3, the once timer setting mode is selected. Set the timer using the same procedure. At steps 4 and 8 through 15, "1" (for once) is displayed instead of "E". The once timer is activated when "1 oN" is displayed at step 17.

NOTES:

- The timer standby indicator ("⌚") will not light if the current time is not set. If this happens, set the current time. (Refer to "Setting the Current Time" on page 15.)
- When the timer on time is reached while in the standby mode, operation switches to the operation set with the timer. (The timer setting has priority.)
- Set the standby mode when using the timer. The timer may not operate properly if the power is on.

(4) Using the timer

The time and timer functions are incorporated in this unit.

Timer Settings

■ **Types of timer operations**
 EVERYDAY TIMER : Use this to turn the power on and standby at the same times every day.
 ONCE TIMER : Use this to turn the power on and standby once.
 SLEEP TIMER : Use this to set the power to turn standby after 10 to 60 minutes, in steps of 10 minutes (operated from the remote control unit).

■ **Notes on timer settings**

- Be sure to set the current time beforehand.
- To listen to a radio program using the timer, be sure to preset the station beforehand. (Refer to "Presetting AM and FM Stations" on Page 14.)

Power Failures

If the power cord is unplugged or there is a power failure, the settings of the current time and once timer are erased and the time display will flash. If this happens, reset the current time and the once timer. Also check the timer and tuner presets, and reset them if they have been cleared.

Checking the Settings

To check the timer settings, press the TIMER button for at least 3 seconds to select EVERYDAY or ONCE TIMER. Next, press the TUNING button to select EVERYDAY or ONCE TIMER, then press MEMORY/SET button repeatedly to display in order: Timer Start mode, and (when in TUNER mode) the reception band and preset channel number, Timer On time, Timer Off time, Press the MEMORY/SET button again to return to the current mode display.

Changing the Settings

Repeat the timer setting operation to erase the previous settings and set the new settings.

Note on Setting the Timer

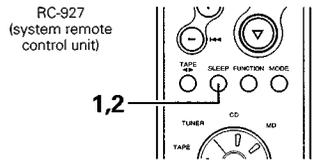
If the time set with the timer is reached while the system power is on, the operation switches to the operation set by the timer.

(5) Timer function
(when connected in a system with the DCD-F101)

- The power can be set to turn on and off at a specific time or at the same time everyday, in any modes: tuner ("TUNER"), CD player ("CD").

(6) Setting the Sleep Timer

- With this function, the power can be set to turn off after 10 to 60 minutes, in steps of 10 minutes, using the remote control unit.



Cancelling the Sleep Timer

Press the SLEEP button repeatedly until the "SLEEP" indicator turns off.

The sleep timer is also canceled if the power operation switch or the power operation switch on the remote control unit is pressed, turning the system power off.

Example: To turn the power off after 50 minutes.
(This operation is only possible from the remote control unit (RC-927).)

1	<p>Press the SLEEP button.</p>
2	<p>Press the SLEEP button again while the "SLEEP" indicator is flashing.</p>
3	<p>The previous display reappears after 5 seconds. The "SLEEP" indicator remains lit, indicating that the sleep timer is functioning.</p>

- The time is reset to "60" (60 minutes) if the SLEEP button is pressed again while the sleep timer is functioning.

NOTE:

If a several timer operations are set at once, the sleep timer has priority.

10 SYSTEM FUNCTIONS

- Operation is even easier when the DCD-F101 is connected to the DRA-F101 with system connection. (For instructions on connections, refer to "CONNECTIONS" on page 6, 7.)
- All the system function signals for operating the DCD-F101 are output from the DRA-F101, so be sure to connect the DRA-F101 when making system connection.
- The system functions will only work when the DCD-F101 is connected. They will not work with other components.
- When system connections are made, the system functions described below can be used.
 - (1) The system remote control unit (RC-927) included with the DRA-F101 can be used to perform the main operations on the DCD-F101.
 - (2) The remote control signals of the DCD-F101 are received by the DRA-F101's remote sensor.
 - (3) **Auto function selection:**
The function automatically switches when the PLAY/PAUSE button (▶ ||) on the DCD-F101, is pressed, and playback begins.
 - (4) **Timer functions:**
The timer functions on the stereo receiver (DRA-F101) can be used to start playback at set times. The sleep timer can also be used.
- For instructions on the various operations, refer to the components' operating instructions.

11 TROUBLESHOOTING

Check the following before assuming there is a problem with the set.

1. Are all connections proper ?
2. Is the set being operated as described in the operating instructions ?
3. Are the speakers and input components being operated properly ?

If the set does not seem to be operating properly, check the points listed below. If these points do not apply, the set may be damaged. Turn off the power immediately and contact your store of purchase.

Symptom	Cause	Remedy	page
POWER LED does not light and no sound is produced when POWER switch is turned on.	<ul style="list-style-type: none"> Power supply cord is not connected. 	<ul style="list-style-type: none"> Check that the cord is plugged in. 	6, 8, 12
POWER LED lights but no sound is produced.	<ul style="list-style-type: none"> Speaker cords not properly connected. 	<ul style="list-style-type: none"> Connect securely. 	6
	<ul style="list-style-type: none"> INPUT SELECTOR not set to proper position. 	<ul style="list-style-type: none"> Set to the proper position. 	12
	<ul style="list-style-type: none"> VOLUME control turned down. 	<ul style="list-style-type: none"> Set to an appropriate level. 	12
Sound is not produced from one side only.	<ul style="list-style-type: none"> Speaker cords not properly connected. 	<ul style="list-style-type: none"> Connect securely. 	6
	<ul style="list-style-type: none"> Input cords not properly connected. 	<ul style="list-style-type: none"> Connect securely. 	6
	<ul style="list-style-type: none"> Left/right balance improperly adjusted. 	<ul style="list-style-type: none"> Adjust the BALANCE control. 	13
Positions of instruments inverted for stereo sources.	<ul style="list-style-type: none"> Left and right speakers or input cords inverted. 	<ul style="list-style-type: none"> Check the left/right connections. 	6
Hissing noise is heard when an FM station is tuned in.	<ul style="list-style-type: none"> Is the antenna cable properly connected? 	<ul style="list-style-type: none"> Connect the antenna cable properly. 	5
	<ul style="list-style-type: none"> Is there interference from an electronic device equipped with a microprocessor, or is the signal of the FM station weak? 	<ul style="list-style-type: none"> Change the position of the equipment or change the position or direction of the connection cords and antenna. 	5, 6, 7
		<ul style="list-style-type: none"> Connect an outdoor antenna. 	5
Scratchy or hissing noise is heard when an AM station is tuned in.	<ul style="list-style-type: none"> Is there interference from a TV set, or interference from another broadcast station? 	<ul style="list-style-type: none"> Turn off the TV. 	—
		<ul style="list-style-type: none"> Change the position or direction of the AM antenna. 	5
		<ul style="list-style-type: none"> Connect an outdoor antenna. 	5
Humming noise is heard when an AM station is tuned in.	<ul style="list-style-type: none"> Is the signal carried over the power cord being modulated by the power supply frequency? 	<ul style="list-style-type: none"> Insert the power plug in the opposite direction. 	—
		<ul style="list-style-type: none"> Connect an outdoor antenna. 	5

Symptom	Cause	Remedy	page
Booming sound produced when playing records.	<ul style="list-style-type: none"> Turntable's ground wire not connected. Input cords not properly connected to PHONO terminals. Influence from a TV or other electrical device near the turntable. 	<ul style="list-style-type: none"> Connect securely. 	6
		<ul style="list-style-type: none"> Connect securely. 	6
		<ul style="list-style-type: none"> Change the position of installation. 	—
Howling produced when volume is turned up while playing records.	<ul style="list-style-type: none"> Turntable and speaker systems are too close. Floor is soft and vibrates easily. 	<ul style="list-style-type: none"> Move speaker systems as far away as possible. 	—
		<ul style="list-style-type: none"> Use cushions to absorb the vibrations transmitted from the floor to the speakers. If the turntable does not include insulators, use audio insulators, available in stores. 	—
Sound is distorted.	<ul style="list-style-type: none"> Stylus pressure is too light. Dirt on tip of stylus. Defective cartridge. 	<ul style="list-style-type: none"> Apply proper pressure. 	—
		<ul style="list-style-type: none"> Check the tip of the stylus. 	—
		<ul style="list-style-type: none"> Replace the cartridge. 	—
This unit does not operate properly when remote control unit is used.	<ul style="list-style-type: none"> Batteries dead. Remote control unit too far from this unit. Obstacle between this unit and remote control unit. Different button is being pressed. ⊕ and ⊖ ends of battery inserted in reverse. 	<ul style="list-style-type: none"> Replace with new batteries. 	9
		<ul style="list-style-type: none"> Move closer. 	10
		<ul style="list-style-type: none"> Remove obstacle. 	10
		<ul style="list-style-type: none"> Press the proper button. 	10
		<ul style="list-style-type: none"> Insert batteries properly. 	9

12 SPECIFICATIONS

■ POWER AMPLIFIER SECTION

Rated Output Power: 35 W + 35 W (4 Ω/ohms, 1 kHz, T.H.D. 0.7%)
Output terminals: 4 to 16Ω/ohms

• PRE AMPLIFIER SECTION

**Input Sensitivity/
Input Impedance:**

PHONO: 2.5 mV/47 kΩ/kohms
 CD, DVD/AUX,
 TAPE, MD: 300 mV/47 kΩ/kohms
 PHONO: 20 Hz to 20 kHz ±0.5 dB

RIAA Deviation:

• OVERALL CHARACTERISTICS

SN Ratio (IHF A Network):

PHONO: 80 dB (at 5 mV input) (input terminals short-circuited)
 CD, DVD/AUX,
 TAPE, MD: 90 dB (SOURCE DIRECT: ON)
 5 Hz to 80 kHz : +0.5, -3 dB (SOURCE DIRECT: ON)
 BASS: 100 Hz ±8 dB
 TREBLE: 10 kHz ±8 dB
 LOUDNESS: 100 Hz +8 dB
 10 kHz +6 dB

Frequency Response:

Tone Control Adjustable Range:

■ TUNER SECTION

Reception frequency range:

FM : 87.5 MHz ~ 108.0 MHz

AM : 520 kHz ~ 1710 kHz

Practical sensitivity:

FM : 1.2 μV/75 Ω/ohms (12.8 dBf)

AM : 18 μV

FM stereo isolation:

40 dB (1 kHz)

FM S/N ratio:

Monaural: 74 dB Stereo: 70 dB

FM harmonic distortion:

Monaural: 0.3% Stereo: 0.4%

■ CLOCK/TIMER SECTION

Clock system:

Power source frequency synchronization system

Clock precision (per month):

±30 seconds

Timer functions:

Everyday timer (1 setting)

Once timer (1 setting)

Sleep timer (maximum 60 min.)

• OTHERS

Power Supply:

AC 120 V, 60 Hz

Power Consumption:

85 W

(Approx. 1W in standby mode)

Dimensions:

250 (W) X 81.5 (H) X 285 (D) mm (9-27/32" x 3-13/64" x 11-7/32")

Mass:

3.5 kg (7 lbs 11 oz)

• REMOTE CONTROL UNIT (RC-927)

Remote control system:

Infrared pulse system

Power supply:

3 V DC, Two size R03 ("AAA")

dry cell batteries

External dimensions:

48 (W) X 210 (H) X 29 (D) mm (1-57/64" x 8-19/64" x 1-9/64")

Mass:

120 g (4.2 oz)

(including batteries)

- For improvement purposes, specifications and functions are subject to change without advanced notice.

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