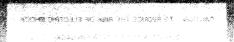
MDP-333 MDP-355GX

Parameter of the Faters Communication Commission (Address)

"How to histority and Resolve Radio-IV Interference
Problems" The booker is a valuable from the US

Consequence Throng Office Washington, Co. March St. 200







PROPERTY OF THE MALESTAL TRUBBLES STATE FILE COPY Do not reprise

Owner's Record

The model number is located at the rear. The serial number is located on the top panel. Record the serial number in the space provided below.

Refer to them whenever you call upon your Sony dealer

Refer to them whenever you call upon your Sony dealer regarding this product.

Model No	Serial No	
WIOGOI 140	Oction 140.	

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.





This symbol 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.



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

INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna

Relocate the equipment with respect to the receiver Move the equipment away from the receiver Plug the equipment into a different outlet so that

equipment and receiver are on different branch circuits. If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

CAUTION

The use of optical instruments with this product will increase eye hazard.

As the laser beam used in this videodisc player is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

NOTICE FOR THE CUSTOMERS IN CANADA

This apparatus complies with the Class B limits for radio noise emissions set out in Radio Interference Regulations.

Contents

This manual covers the MDP-333 verified to the FCC rules and available in the U.S.A. and Canada, the MDP-355GX available in other countries and the PX model of MDP-355GX. Operations are the same regardless of the model name. Specifications vary only with regard to power requirements and AC outlet on the unit.

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Precautions

On safety

- Should any solid object or liquid enter the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time.
- To disconnect a cord, pull it out by the plug. Never pull the cord itself.
- One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.

On installation

- Avoid placing the player in a location subject to:
- high humidity
- -- high temperature
- excessive dust
- mechanical vibration
- direct sunlight
- Allow adequate air circulation to prevent internal heat buildup. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- The unit will be unsteady, if it is not placed on a horizontal level surface. To avoid being unsteady, adjust the thickness of the supplied spacer to fill the gap and insert it under the unit.



On moisture condensation

• Do not operate the unit right after having transported it from a cold location to a warm location or in a room where the temperature rises suddenly, because moisture may condense in the operating section of the unit. Wait for about an hour before turning the power on in the new location or keep the rise in room temperature gradual. If the unit is operated with moisture condensation, the unit and the disc may be damaged. Therefore remove the disc immediately when there is a possibility of moisture condensation and no picture is obtained. To evaporate the moisture rapidly, leave the player turned on without a disc loaded.

On operation

- Remove the disc from the tray after playing it, if the unit will not be used for any length of time. Do not transport the set with a disc in place.
- When the disc tray is in the open position, do not press down on it strongly, or place heavy objects on it.

On cleaning

Clean the cabinet, panel and controls with a dry soft cloth, or a soft cloth lightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzine, which may damage the finish.

On repacking

Do not throw away the carton and the packing material. They make an ideal container to transport the unit in.

If you have any question or problem concerning your unit, please contact your nearest Sony dealer.

For the customers in the USA

For detailed safety precautions see the leaflet "IMPORTANT SAFEGUARDS".

Operating Voltage

Before operating the unit, be sure that the operating voltage of your unit is identical with that of your local power supply.

MDP-333: 120 V AC, 60 Hz.

MDP-355GX: 100, 120, 220, 240 V AC, 50/60 Hz. For the MDP-355GX, the voltage selector is located at the rear.

If the selector must be reset, **disconnect the AC power cord** and turn the selector with a minus screwdriver so that the arrow on the selector points to the appropriate voltage.



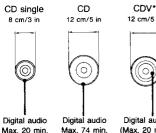
How to use the AC power plug adaptor (supplied with the MDP-355GX)

If the AC plug of your unit does not fit the wall outlet, attach the supplied AC plug adaptor.



Features

This CD/CDV/LD Player can play all six types of optical discs currently available for home entertainment use:



single-sided

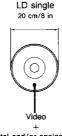


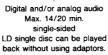
Video and

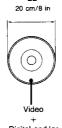
digital audio

(Max. 5 min.)

single-sided

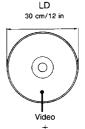






I D

Digital and/or analog audio Max. 14/20 min. (CAV/CLV) per side



Digital and/or analog audio Max. 30/60 min. (CAV/CLV) per side

The following functions are available with this unit.

For the CDV disc, CD functions can be used on the audio portion and LD functions can be used on the video portion.

LD/CD/CDV

Custom index

single-sided

Specify up to six index marks at any point on the disc, for convenient playback start at the push of a button.

Program play

Play back chapters or tracks in any desired order.

· Shuffle play

Play all selections on a disc in a random order.

· Auto disc protection

Prevents damage to the disc during stop.

AV calendar display

Shows the number of tracks (up to 20) on a disc and the total playing time at a glance.

Auto program

Play back chapters or tracks within a designated time.

INTRO scan

Play only the beginning (introduction) of the chapters or tracks on a disc in order.

LD/CDV (Video Portion)

Variable speed playback (LD CAV only)

11 speed settings for normal and reverse playback, step (frame-by-frame) playback and high-quality freeze-frame.

· Clear scan

Fast scan without picture distortion even on CLV discs.

CDV

Video portion

All LD (CLV) functions are available.

Audio portion

All CD functions are available.

This unit plays back discs with any of the following logos on the label













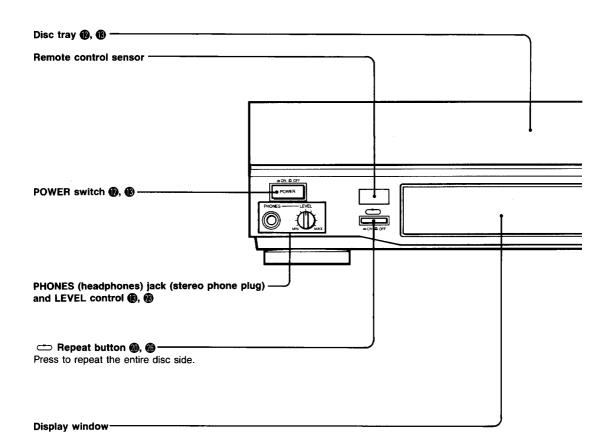


. It cannot play back CED or VHD discs or discs with PAL, SECAM, or video signals other than the NTSC standard.

* The Compact Disc Video (CDV) format divides a CD into two sections. One is 20 minutes of digital audio playable on any CD player. The other, 5 minutes of video and digital audio, requires a CDV player.

Location and Function of Controls

Front panel



Accessories The shipping box should contain the following accessories.

RMT-333A Remote Commander

Two size AA (R6) batteries

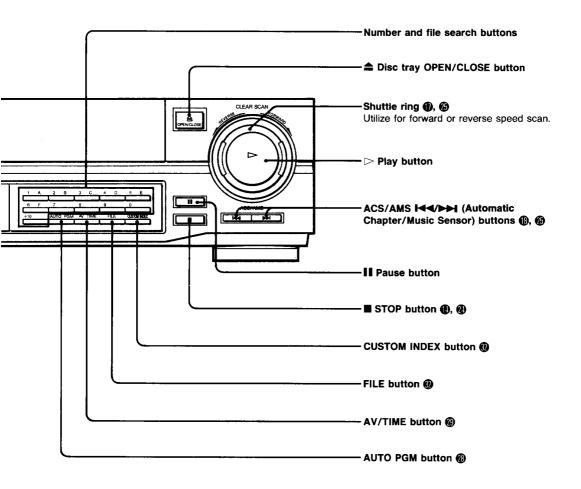
Video connecting cord (phono 1 ↔ phono 1)











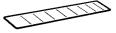
Audio connecting cord (phono 2 ↔ phono 2)



RFU adaptor RFU-90UC (1) (supplied with the MDP-333 and the PX model of MDP-355GX)

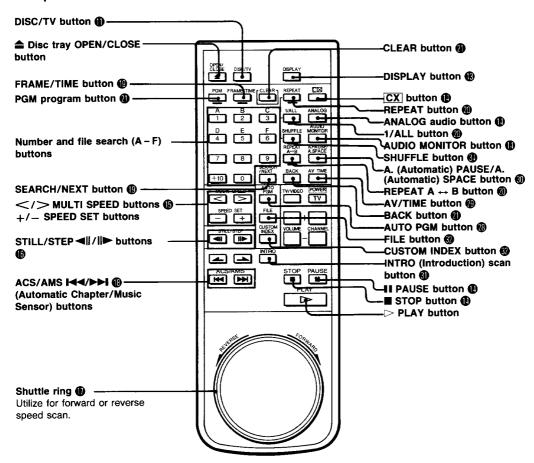


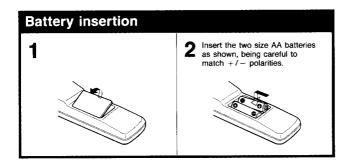
Spacer

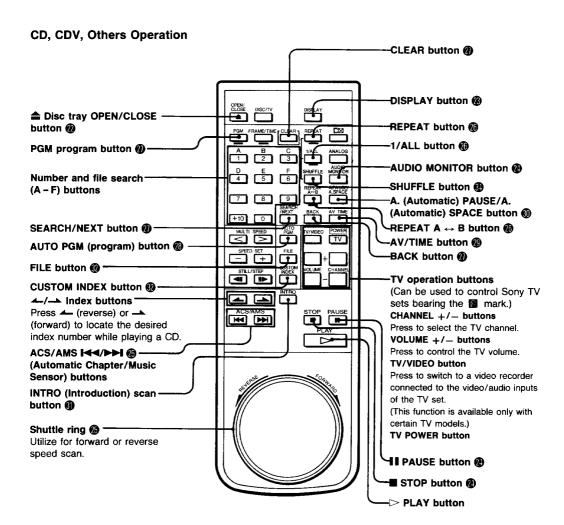


Remote Commander

LD Operation







Battery life

Under normal operations, the batteries will last for approximately six months. If the operating range of the Remote Commander becomes noticeably short, replace all the batteries with new ones. If the Remote Commander is not to be used for a long period of time, remove the batteries to avoid possible damage from battery leakage.

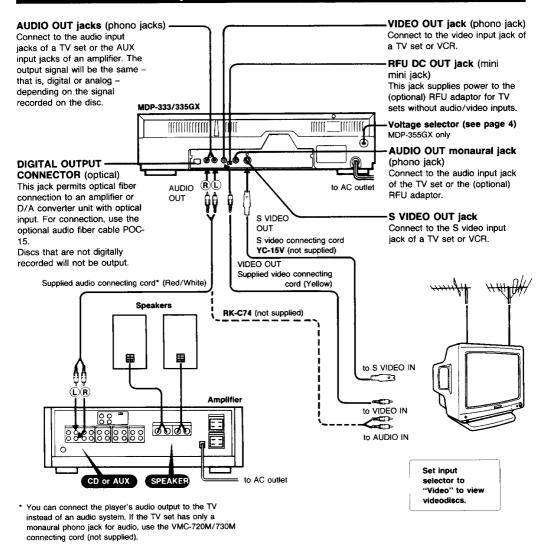
Remote Commander Precautions

Do not let sunlight or light from a powerful artificial light source fall directly on the Remote Commander sensor on the front panel as it may interfere with operation or damage the sensor.

Connections

Video and audio connection cord plug colors are indicated as yellow, white, and red. Make sure that the jacks of the equipment are properly connected to its corresponding colors.

To Connect to Audio System and to TV with Video Inputs



Precautions on connecting

- . Make sure that all equipment is turned off before connecting or disconnecting any cables.
- · Firmly insert the plugs into the jacks. A loose connection can lead to noise.
- . When unplugging a cable, grasp the plug. Never pull the cable
- . To prevent interference, turn off all equipment connected, but not currently in use.
- · If noise is emitted from the audio or video input, try moving the equipment further apart.

· Connection methods differ. When in doubt, consult the manufacturer's manual.

Connection of optical fiber cable

Remove protective cover.

Plug in connector firmly.

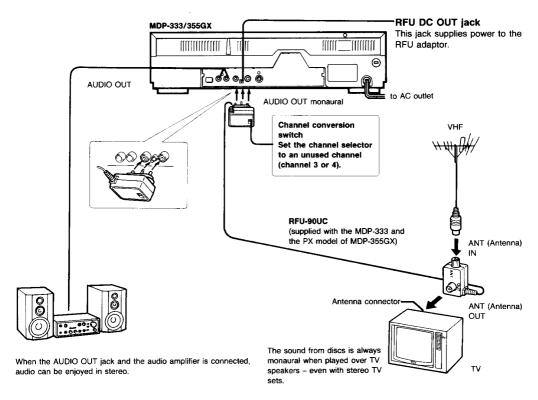






To Connect to TV without Audio/Video Inputs

For connection, use the optional RFU adaptor RFU-90UC (supplied with the MDP-333 and the PX model of MDP-355GX).



Why is it necessary to select 3 or 4?

The videodisc player sends its output to the TV as a VHF broadcast signal. Selecting an unused channel avoids interfering with regular broadcasts.

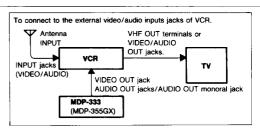
When watching regular TV programs, turn the player off or press the TV/DISC button on the Remote Commander so that you can obtain a better picture. If TV picture quality is not satisfactory, refer to the manufacturer's manual and adjust the reception.

To obtain a better picture

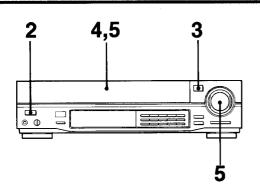
Always switch off the player when watching a TV program.

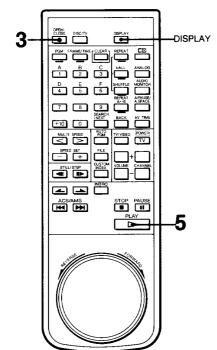
During FM or AM reception

Turn off the power of the player to prevent the possibility of noise interference.



To Play an LD





Notes on disc tray

Do not insert a hand or finger in the player while it is operating. Although the player will stop automatically if an object is inserted while in play, serious injury may result. Be sure to place the unit out of the reach of your child.

Insert only one disc at a time. Incorrect placement of two or more discs may lead to malfunction.

Identical buttons on the main unit can also be used.

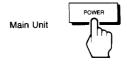
1 Turn on the TV and stereo system.

TV: Select the channel used for videodisc playback or the video input (channel 3 or 4). (See p. (1), (1)

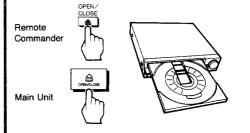
Stereo system:

Turn on the amplifier or receiver and select the proper audio input [CD] or [AUX].

2 Turn on the player.



3 Open the disc tray.

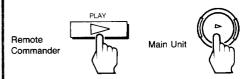


4 Place the disc on the tray.

Place the disc on the center of the tray. If the disc is not placed correctly, playback may not start.



5 Start playback.



Or push the disc tray compartment, then playback will also begin.



To start playback with an optional timer automatically, leave the POWER switch of the disc player in the depressed position. When the timer supplies power at the preset time, the unit turns on and playback begins.

To pause at the beginning of a disc

Press the II button on the player or the Remote Commander instead of conducting step 5. The tray closes, and the player pauses at the beginning of the disc.

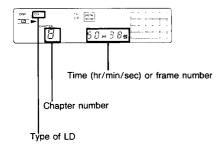
AV calendar

When playing an LD containing TOC (Table of Contents) data, the AV calendar shows information on the total number of selections. A selection is played, its corresponding number on the display disappears.

To listen with headphones

Plug stereo headphones into the PHONES jack and adjust the listening volume with the LEVEL control.

Displays on playback messages

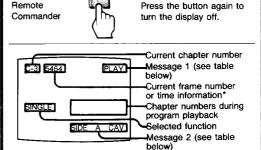


Screen Messages

Information on the operating condition of the unit and chapter numbers can be superimposed on the TV or monitor screen. While no image is displayed, such as during search, information for LD is shown on a blue background.

To show the on-screen display

DISPLA'



 Discs without time data to the second will be indicated as "0:22:".

Message 1

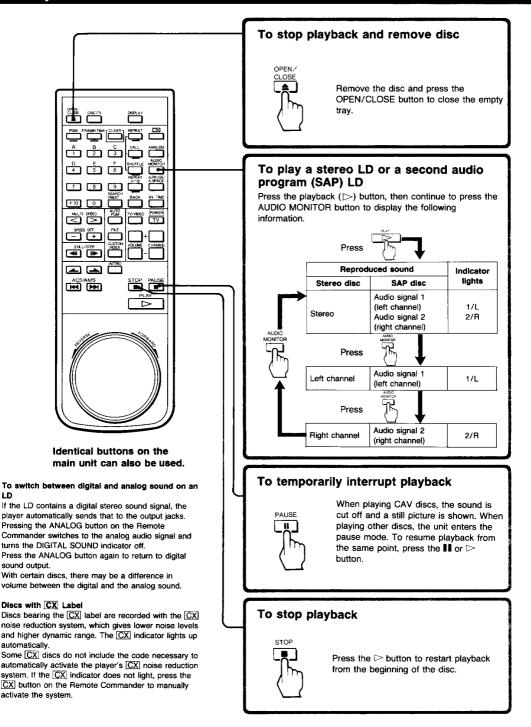
(Examples)

Osplay	Explanation
OPEN	Disc tray open
CLOSE	Disc tray closed
PLAY	Playback
STOP	Stop
PAUSE	Pause
₽ / •	Manual search (Forward/reverse speed scan)
SEARCH	Search
▶ x1/2	1/2 speed display in forward direction

Message 2 (Examples) Explanation 200 Display SIDE A CAV Standard-play disc side A SIDE B CAV Standard-play disc side B SIDE A CLV Long-play disc side A SIDE B CLV Long-play disc side B 1/L Main soundtrack/left channel 2/L Second soundtrack/right channel ♪ DIGITAL Digital sound ♪ ANALOG Analog sound

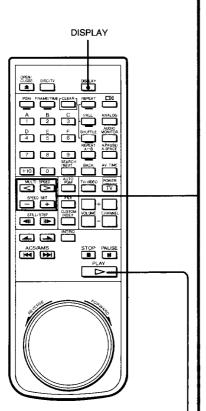
Precaution on LD discs

Some discs do not contain the side A or B identification code. In this case, the disc side indication may not be correct.



LD

To Change Playback Speed and Direction - Speed Play (CAV standard-play)



. Sound during speed play

Audio output occurs only during \times 1 (normal) speed play in the forward direction. There is no sound for other speed and direction combinations.

• Extended-play discs (CLV) (See p.

Speed play, freeze frame and step playback are not possible with CLV discs.

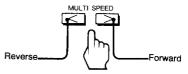
When a multi speed button is pressed, the indication "SIDE A CLV" (or "SIDE B CLV") is shown for 3 seconds. When the ■ button is pressed, the screen becomes blue and the indication "SIDE A CLV" (or "SIDE B CLV") is shown.

Disc with automatic picture stop code

When a automatic picture stop code is encountered during speed playback (at × 1, 1/2, 1/4, 1/8, 1/16, 1/30, 1/90), the unit automatically stops at that frame. To resume playback, press the ▷ button, ◄◄/▶►I button, </> button, or the shuttle ring.

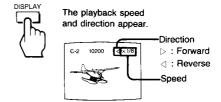
Speed and Direction

. To select the playback direction

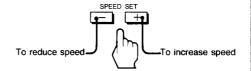


The direction can be changed regardless of playback speed.

To display the speed and direction



· To select the playback speed

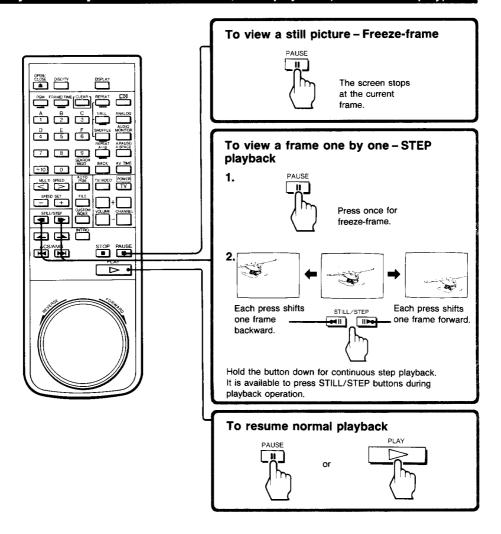


Speed Indication		Speed (approx.)	Speed Indication		Speed (approx.)
± Faster				x1/2 x1/4	1/2 normal speed 1/4 normal speed
1	x10	10 times normal speed		x1/8 x1/16	1/8 normal speed 1/16 normal speed
	x5	5 times normal speed			1/30 normal speed 1/90 normal speed
١	x 3	3 times normal speed	Si	ower	
1	x2	2 times normal speed		_	
	x1	Normal speed			

To resume normal playback



To Play Frame by Frame - Freeze-frame, STEP playback (CAV standard play)

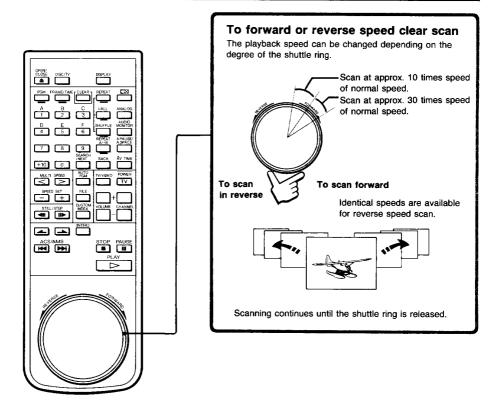


- During freeze-frame or step playback operation There is no sound.
- Extended-play (CLV) discs
 Speed play freeze frame and ster

Speed play, freeze frame and step playback are not possible with CLV discs.

When the II button is pressed, the screen becomes blue and the indication "SIDE A CLV" (or "SIDE B CLV") is shown.

To Search for a Particular Scene - Dual Speed Clear Scan

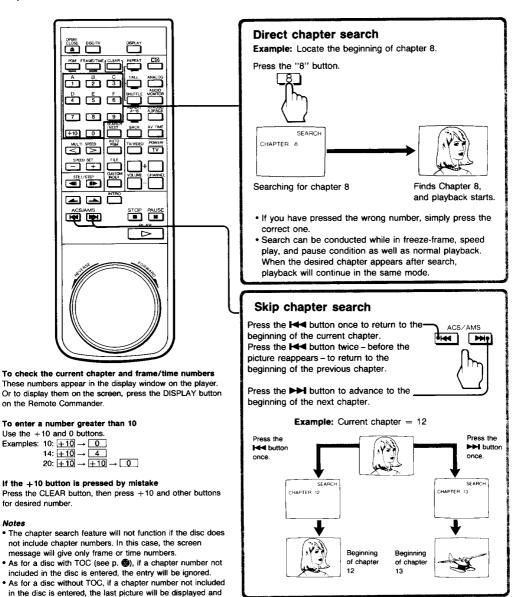


While scanning in either direction

- There is no sound.
- Scanning speed varies as the laser beam moves away from the center of the CLV disc. In addition, the image during scanning with a CLV disc will contain some instability.
- A certain amount of noise is inevitable with all scanning operations.

Searching by Chapter Number - Chapter Search

Chapters are contained in a disc. LDs are divided into sections called chapters. Such discs usually have a list of chapters on the jacket or label.





Notes

the player will stop.

playback.

resume from the beginning of the disc.

If the REPEAT function is pressed (see p. .), playback will

If the REPEAT function is not on, press > to resume

Searching by Frame Number/Time - Frame/Time Search

For CAV (standard-play) discs only (Frame search)

Enter the frame number to search for a particular scene.

· Each picture on a standard-play disc is called as a frame.

For CLV (extended-play) discs only (Time search) Enter the time to search for a particular scene.

· Extended-play discs keep track of positions as elapsed time from the beginning of the disc.

DISPLAY 1 Press the FRAME/TIME button. CAV (standard-play) disc CLV (extended-play) disc FRAME/TIME FRAME 00000 TIME 0 00 00 Enter the desired frame or time numerals. ACS/AMS TOP PAUSE CAV (standard-play) disc Example: Locate frame number 12340. Press the number buttons in the following order. $\boxed{1 \rightarrow \boxed{2} \rightarrow \boxed{3} \rightarrow \boxed{4} \rightarrow \boxed{0}}$ CLV (extended-play) disc Example: Locate the 12 min 05 sec point. Press the number buttons in the following order. $1 \rightarrow 2 \rightarrow 0 \rightarrow 5$ If you make a mistake Press the FRAME/TIME button once more to return the display indication to zero, and then enter the correct numbers as follows For CAV - five digits For CLV with seconds - four digits For CLV without seconds - two digits Press the SEARCH/NEXT button. SEARCH NEX" Playback starts at the specified number in step 2. To cancel frame/time search Before pressing the SEARCH/NEXT button, press the CLEAR Search can be conducted while in freeze-frame, speed After pressing the SEARCH/NEXT button, press the button. play, and pause condition as well as normal playback. To check the current frame/time numbers When the desired frame or time appears after search, These numbers appear in the display window on the player.

playback will continue in the same mode.

on the Remote Commander.

. If a frame/time number not contained on a disc is entered, the playback stops. If the REPEAT button is pressed and REPEAT is shown in the display window (see p. 10), playback will resume from the beginning of the disc.

Or to display them on the screen, press the DISPLAY button

. If the disc does not include seconds-unit time data, enter the time in minutes only.