

LC-V100

PAL/NTSC

CD CDV LD AUTOCHANGER
CHANGEUR AUTOMATIQUE DE CD CDV LD
CD/CDV/LD-AUTOWECHSLER
CAMBIATORE AUTOMATICO DI CD/CDV/LD
CAMBIADOR AUTOMATICO DE CD CDV LD

COMPACT
disc
DIGITAL AUDIO

L
LASERDISC

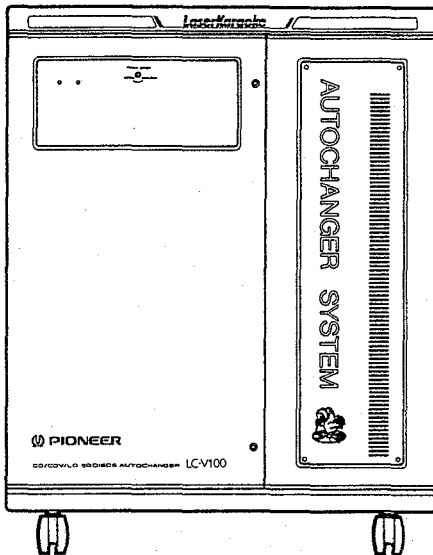
English

Français

Deutsch

Italiano

Español



IMPORTANT



The lightning flash with arrowhead, 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.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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



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.

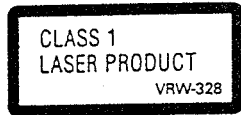
IMPORTANT

CAUTION

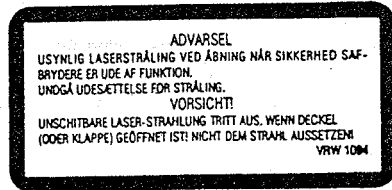
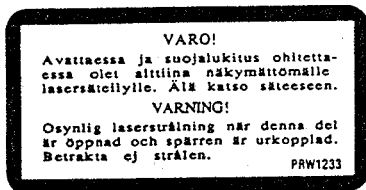
This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

The following caution labels appear on your autochanger:

Location: On the rear panel of the autochanger



On the bonnet of the autochanger



IMPORTANT

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last (make sure that the power switch is off.)

FOR USE IN THE UNITED KINGDOM

WARNING: This plug must only be connected to electronic apparatus equipped with suitable sockets. If not, cut off the plug and fit an appropriate type in accordance with the instructions below. The cut-off plug must be disposed of as an electrical shock hazard could exist if connected to a socket outlet.

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not connect either wire to the earth terminal of a three pin plug.

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

CAUTION: Be sure to use the shielded interface cables when connecting this equipment to other devices.

THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

■ This AutoChanger may be used with LaserDiscs, Compact Discs, and Compact Discs with Video bearing the following symbols:

[LASERDISC SYSTEM]/[LaserVision Disc]*



This is the unified symbol mark of LASERDISC (LaserVision videodisc).

* AutoChanger and discs which bear this symbol and use the same television system, are mutually compatible.

(Compact Disc)



COMPACT DISC DIGITAL AUDIO

(**CD VIDEO SYSTEM)



(8 cm Compact Disc)



** A Digital Audio with Multi Audio Discs (CD VIDEO LD) are referred to as CD Video discs. CD Videodiscs are recorded with subcodes, which are the non-audio recordings of TOC data such as track numbers, index numbers, etc. However, there are some discs without these marks.

Thank you for buying this PIONEER product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

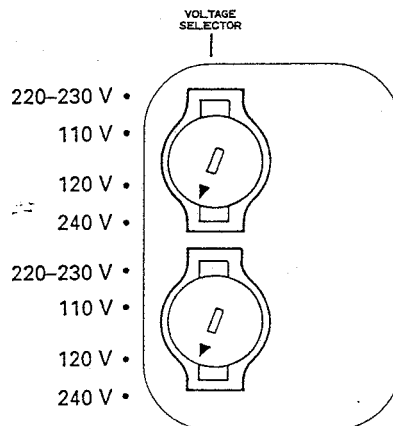
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

TWO VOLTAGE SELECTOR SWITCHES

The line voltage selector switches are located on the rear panel of this AutoChanger. Before your AutoChanger is shipped from the company, these switches are set to the power requirements of the AutoChanger's destination. Check that they are set properly before plugging the power cord into the outlet. If the voltage is not properly set, or if you move to an area where the voltage requirements differ, adjust both selector switches equally as follows: Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switches and turn them to match the power voltage of your area.

When the unit is being connected and set up for disc use, refer to the "AutoChanger Commander Operating Instructions" also.

- CD-ROM/CD graphic discs cannot be played with this AutoChanger.
- For operation, connect this unit to the AutoChanger commander CO-V100.



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FEATURES

The LC-V100 AutoChanger contains 50 changer trays capable of storing 50 discs.

In addition to the changer trays, the AutoChanger comes with a removable standard tray to allow an extra disc to be used.

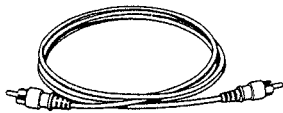
The system ensures quick song selection by using two internal players. One player is on standby for playback while the other one is in operation.

A maximum of four AutoChangers can be connected in series to your system.

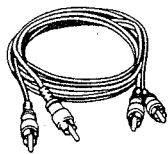
ACCESSORIES

Check the following accessories.

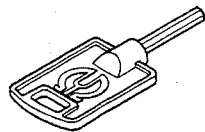
- Video cable × 1
(pin-plug ↔ pin-plug)



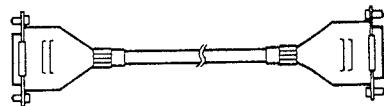
- Audio cable × 1
(pin-plug × 2 ↔ pin-plug × 2)



- Door key × 2



- Control cable × 1
(D-SUB 9 pins ↔ D-SUB 9 pins)



- Operating instructions

PRECAUTIONS

SYSTEM INSTALLATION

When setting up two AutoChangers, do not stack them, since they may collapse; the housings are not designed for this purpose.

Select a flat and stable location for installation. Avoid installing in the following locations:

- ① Exposed to direct sunlight
- ② Exposed to moisture and dust
- ③ Near the rest room (washroom) and kitchen
- ④ Exposed to a spot light
- ⑤ Near heavy-duty electric appliances, such as a refrigerator, dimmer, or air conditioner
- ⑥ On an unstable and uneven floor (Insert a hard board under the casters to fill the floor gap)
- ⑦ A place not convenient for repair service and maintenance.

When installing the system next to a wall, keep a enough space to reach the rear side with your hand.

- Heavy equipment weighing more than 90 kg or large-size equipment extending over the cabinet edge must not be stacked on the AutoChanger cabinet.
- When stacking heavy equipment such as TV monitors on the AutoChanger cabinet, follow the recommended location procedures for the equipment. Take care to locate equipment so it will not fall or slip from the AutoChanger cabinet.

CONDENSATION

Do not quickly change the ambient temperature near the unit to prevent moisture condensation. If this system is brought from the outside into an air-conditioned room, or if the temperature of the room with this system is rapidly increased in winter, moist air will condense in the unit's operating section and cause poor system performance. If moisture condenses on the AutoChanger lens, signals cannot be read or reproduced by the laser beam. When air-conditioning the room equipped with the system, gradually change the room temperature.

If condensation occurs

Leave the system at the room temperature for one to two hours until the condensation is removed before operating the unit.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

Relocating the AutoChanger

- When relocating the AutoChanger, first remove all heavy equipment stacked on the cabinet such as TV monitors. After releasing the caster lock, remove the AutoChanger from the caster wheel base and relocate the AutoChanger.
The AutoChanger can cause serious injuries or damage if tipped over.
- Before relocating the unit, switch off the power after removing all discs from the trays (refer to "Loading and Exchanging Discs" on pages 12-15).
Remove the power plug from the wall socket and disconnect all cables after checking the unit is in standby mode (the standby indicator is lit). Moving the AutoChanger while discs are still loaded can scratch the discs and lead to machine failure.
- Some floor material can be scratched when moving the AutoChanger cabinet. Take care to avoid damaging your floor.
- Lift the AutoChanger to avoid damaging the casters when there are differences in the floor height or when the floor surface is uneven.

MAINTENANCE

EXTERIOR PARTS INCLUDING CABINETS AND PANELS

Wipe the cabinets and panels with a soft dry cloth. If a cabinet or panel is extremely dirty, wipe with a soft cloth moistened with neutral detergent diluted five or six times with water, then wipe off the moisture with a dry cloth. Do not use volatile chemicals such as benzine, thinner, or insecticide which will damage the cabinet and panel surfaces.

DISC

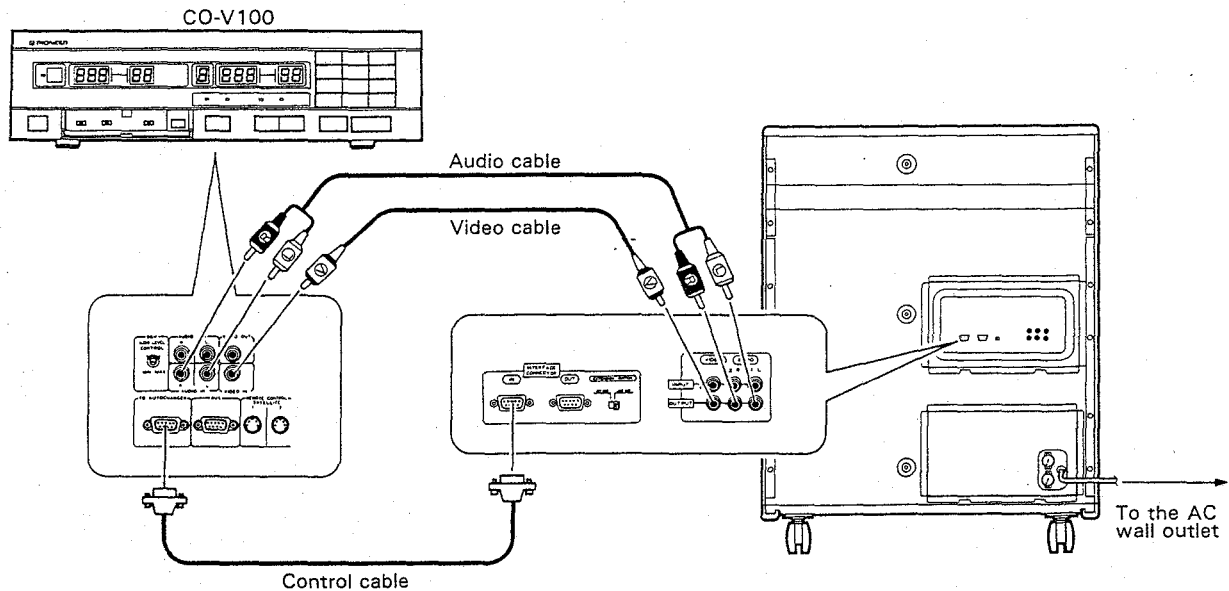
With long-term use the Videodiscs will accumulate dust and smoke on their surface, resulting in poor quality reproduction.

Clean the discs periodically.

See page 11 for the cleaning procedure.

CONNECTIONS

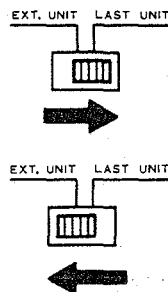
Connecting a single LC-V100 AutoChanger



NOTE:
Fasten the Control cable connection firmly using the screw.

Switching the EXTENSION SWITCH

Use this switch when installing additional AutoChangers. If this unit is the last unit, shift the EXTENSION SWITCH to "LAST UNIT". If another unit is further connected for the extension, shift the EXTENSION SWITCH to "EXT. UNIT". (See page 15)



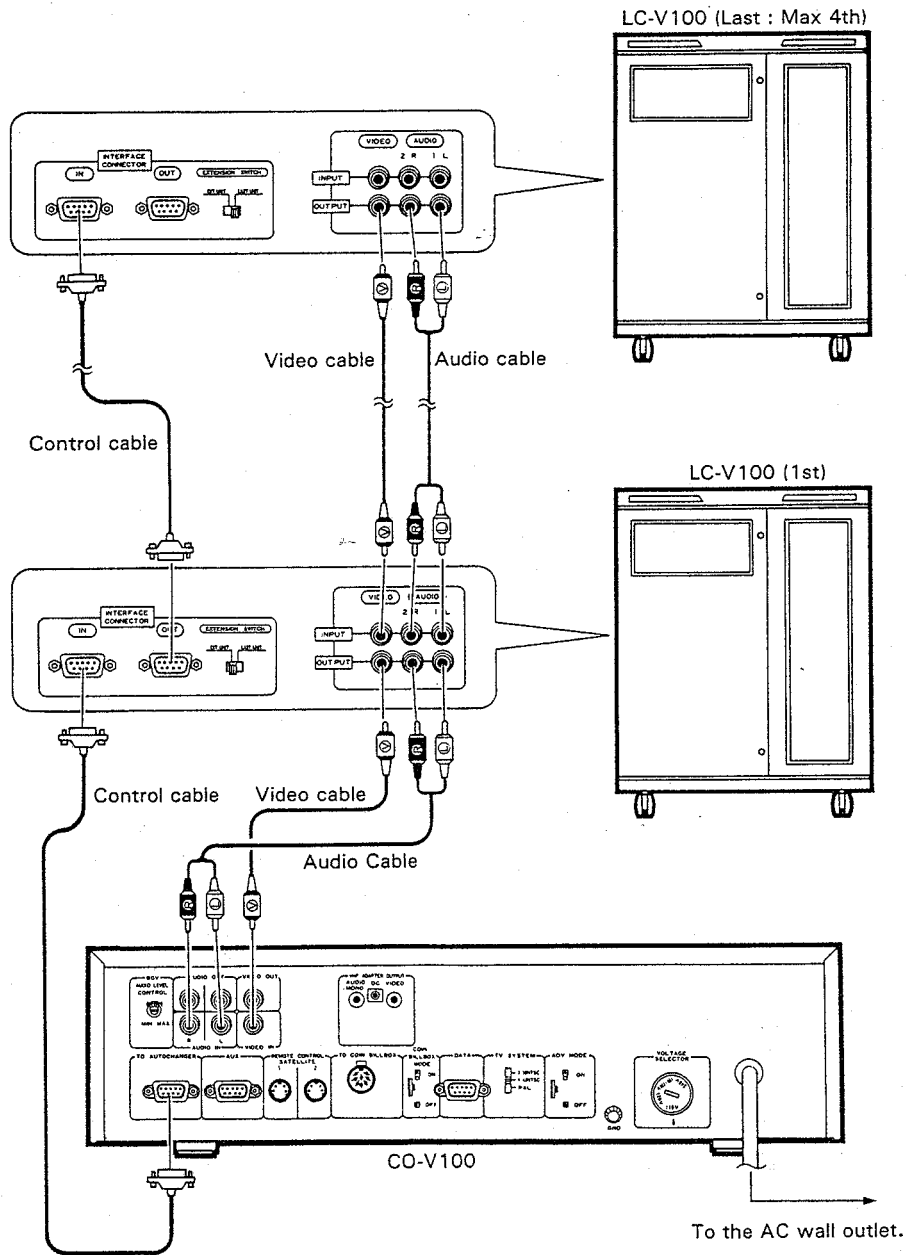
For the AutoChanger installed in the final position.

For AutoChangers installed before the final position AutoChanger.

Connecting two to four LC-V100 AutoChangers.

The two to four AutoChangers can be connected in series to INPUT and OUTPUT in the same manner as shown in the connection diagram below.

When connecting two or more AutoChangers, an AutoChanger address must be entered (see page 15).



PANEL FACILITIES

Front Panel

STANDBY/ON switch/indicator

Press this switch to turn the power on or off. Also, you can enter the AutoChanger address setting mode or disc replacement mode by pressing the STANDBY/ON switch while holding down a digit button or the OPEN/CLOSE button while the power supply is switched off. (See page 14, 15)

Indicator

Displays shows the disc number while a disc is being replaced. If an error occurs, the indicator displays the error code.

ERR (error) indicator

This indicator blinks when an error occurs.

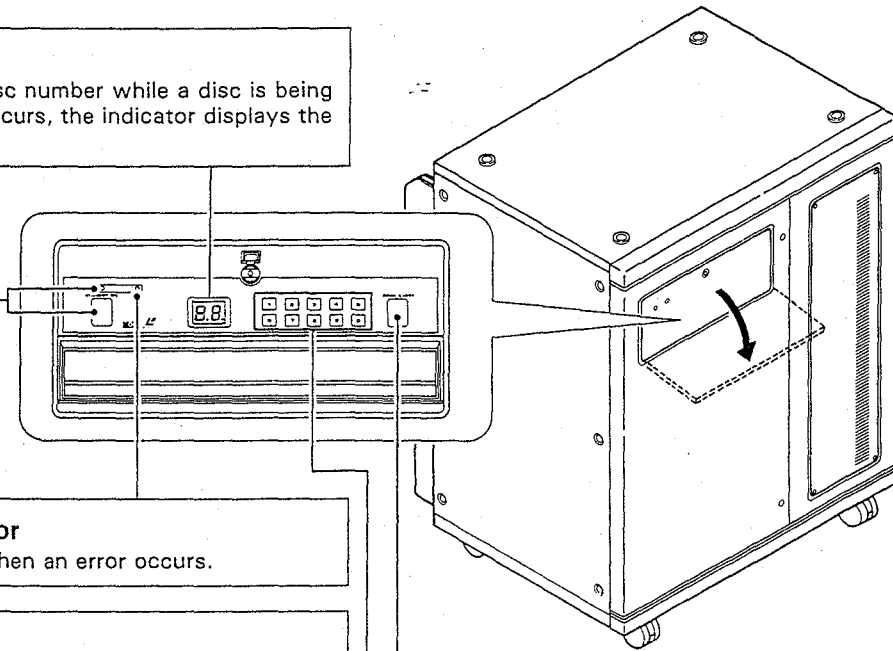
Digit buttons

Specify the disc number to be replaced by using the digit buttons in the disc replacement mode. (See page 14)

OPEN/CLOSE button

Opens/closes the changer tray or the standard tray when replacing a disc. (See page 14)

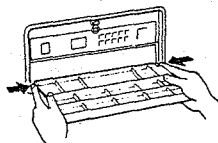
The buttons/switches inside the sealing panel are used when loading or exchanging discs in the tray, or when entering a new address for an AutoChanger.



[How to open the door]

- ① To unlock the door, insert the supplied key and turn it 90 degrees counterclockwise.
- ② Press the door to open it.
- ③ To lock the door, shut it and then insert the key and turn it 90 degrees clockwise.

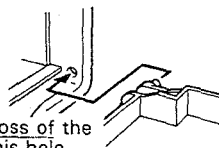
To remove the door.



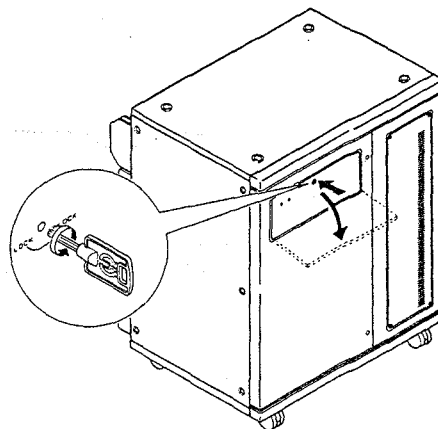
Press in with your fingertips at the left and right hook sections and then slowly pull the door towards you.

To install the door.

Press the hook sections with your fingertips as explained in the removal step. Then slowly push the door into position.



Insert the boss of the hook into this hole.



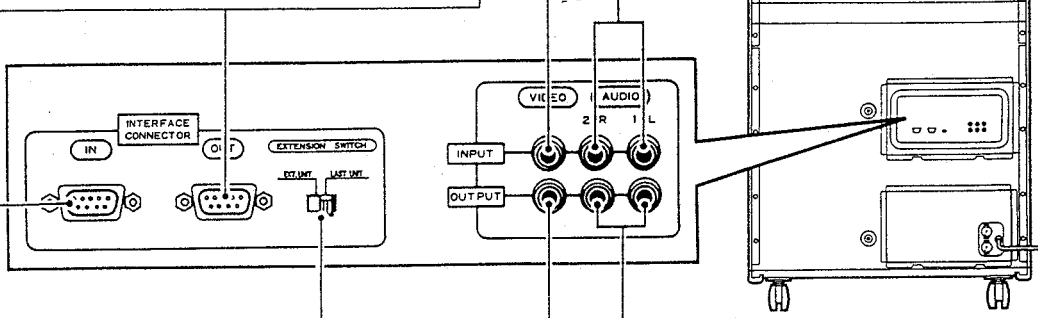
Rear Panel

INTERFACE CONNECTOR IN terminal (9-pin D-sub connector)
Connect to the AutoChanger control of the CO-V100 (use the supplied Interface connector cable).

INTERFACE CONNECTOR OUT terminal (9-pin D-sub connector)
Connect to the INTERFACE CONNECTOR IN terminal of an additional AutoChanger. A maximum of four AutoChangers can be connected.

VIDEO INPUT terminal (RCA jack)
Connect to the VIDEO OUTPUT terminal of an additional AutoChanger.

AUDIO INPUT terminal (RCA jack)
Connect to the AUDIO OUTPUT terminal of an additional AutoChanger.



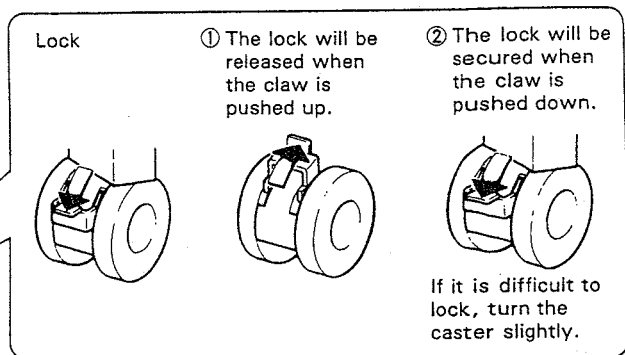
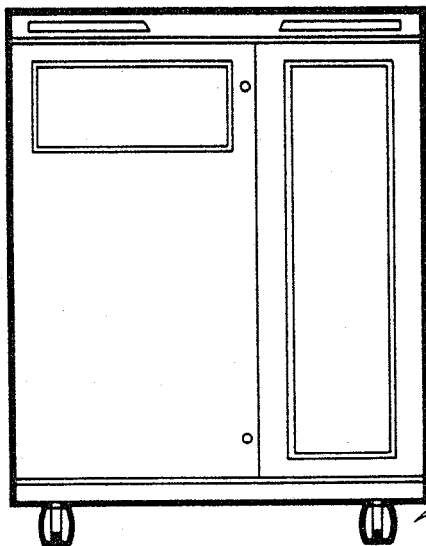
EXTENSION SWITCH
Use this switch when installing additional AutoChangers. If this unit is the last unit, shift the EXTENSION SWITCH to "LAST UNIT". If another unit is further connected for the extension, shift the EXTENSION SWITCH to "EXT. UNIT". (See page 15)

AUDIO OUTPUT terminal (RCA jack)
Connect to the AutoChanger AUDIO INPUT of the CO-V100 (use the supplied audio cable).

VIDEO OUTPUT terminal (RCA jack)
Connect to the AutoChanger VIDEO INPUT of the CO-V100 (use the supplied video cable).

CASTER LOCK

The front casters are provided with a locking mechanism. Lock as shown in the diagram.



DISCS

LD GLOSSARY

Chapter Number

Chapter numbers are used to indicate the boundaries of the sections on a disc, similar to the "chapters" in a book. If chapter numbers are recorded on a disc, it is so indicated on the jacket on the disc, etc. Chapter numbers can be used to search for desired chapters (Chapter Search).

CDV/CD GLOSSARY

Track number

Track numbers indicate the boundaries of the sections, or "tracks", on a disc. Track numbers are assigned consistently throughout the audio part and video part of a CDV disc. Track numbers can be used to search for desired tracks (Track Search).

TOC

Every CD/CDV-type disc is provided with a section called TOC (Table Of Contents) at the beginning of the disc. The TOC section is just like the table of contents of a book, and contains information on the contents (number of tracks, playing time, etc.) of the disc.

- Some LD discs are also provided with a TOC section.

LD DISCS

The LC-V100 can play both LD Discs and Compact Discs. Unlike conventional phonograph records, these discs are played back from the inside edge out.

LD Discs are available as both active play discs and long play discs.

• ACTIVE PLAY (CAV) DISCS

Active play discs are played at constant angular velocity (CAV).

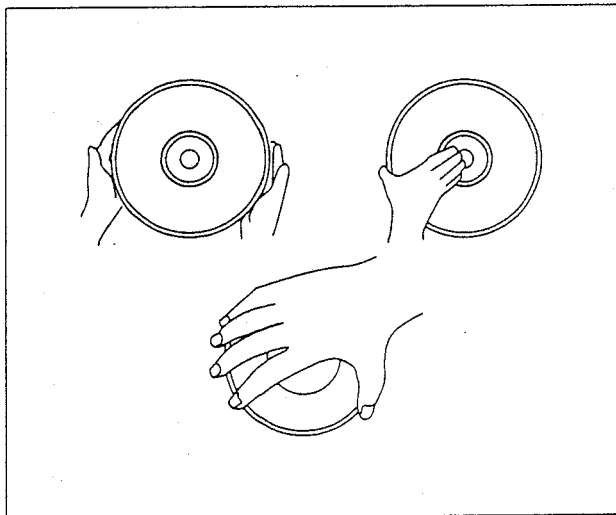
• LONG PLAY (CLV) DISCS

These discs are played back at constant linear velocity (CLV), and are therefore able to play for a longer time than active play discs.

CARE OF DISCS

Holding Discs

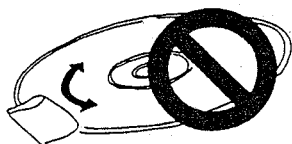
When loading or removing discs, try not to touch the disc playing surface.



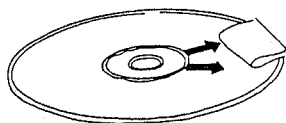
Cleaning

Fingerprints or other dirt on the disc may affect sound and picture quality.

To clean your discs, use a soft clean cloth to wipe them. If necessary, moisten a soft cloth with diluted neutral detergent to remove the heavy dirt of fingerprints.



Do not wipe in a circular direction

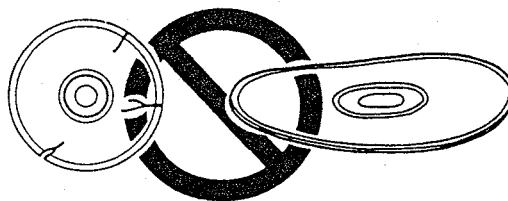


Gently wipe from the inside toward the outer edge

Discs may not be cleaned with record cleaning sprays, or static prevention sprays, etc. Also avoid using volatile liquids such as benzine, thinners, etc.

NEVER PLAY CRACKED OR WARPED DISCS

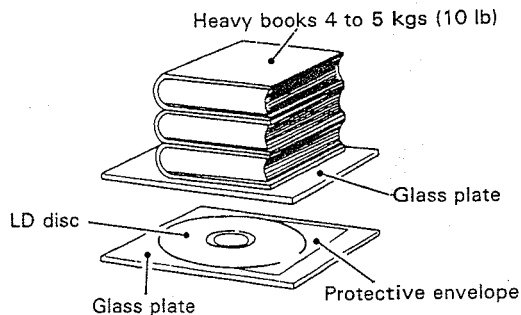
■ The disc revolves on the AutoChanger at high speed when it is played. Never play a cracked, scratched or warped disc. This may damage the AutoChanger or cause it to malfunction.



- Store discs carefully. If you store discs at an angle, or stacked on top of each other, discs may become warped even when in their jackets.
- Do not leave discs in locations such as the seat of a car which may become excessively hot.

If an LD disc is warped ...

If an LD disc is warped, put the disc into its protective envelope, and then place it between two flat plates of glass. Then place heavy books on top of the plates so that approximately 4 to 5 kilograms (10 lbs) is applied. Leave the disc like this for a day or so. This may correct the warp.



CAUTION WHEN USING THE DISC

All rights reserved.

Unauthorized public performance, broadcasting or copying is a violation of applicable laws.

LOADING AND EXCHANGING DISCS

LOADING DISCS

Either the changer tray (50 discs) or standard tray (1 disc) can be used for the AutoChanger.

- When selecting the title, refer to page 15 for the disc number.

- When loading assigned discs by using the BGV and ADV functions, refer to the "AutoChanger Commander CO-V100 Operating Instructions".

	Changer tray (50 discs)	Standard tray (1 disc)
Tray No.	1 ~ 50	901
Tray color	Gray	Black
Disc type	LD (30 cm)	LD (20 cm, 30 cm), CD (12 cm, 8 cm) CDV (12 cm)

When you set a 20 cm LD, 12 cm CD, or 12 cm CDV on the changer tray, attach the four optional disc tray adaptors on the tray.

Load the disc in the tray correctly:

If the disc is loaded incorrectly in the tray, the tray will automatically open after being closed. Loading the disc incorrectly can scratch the disc and lead to machine failure.

Reload the disc properly when a tray automatically opens immediately after closing it.

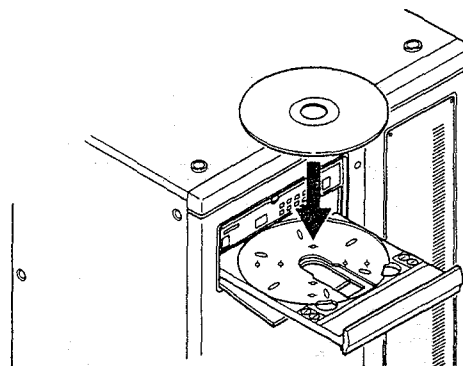
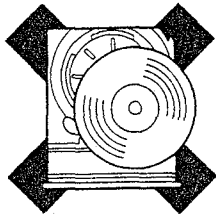
Loading a disc

Using the changer tray

Place a 30 cm LD on the tray with side A facing up.

CAUTION :

Be Sure to place the disc in the groove on the disc table.



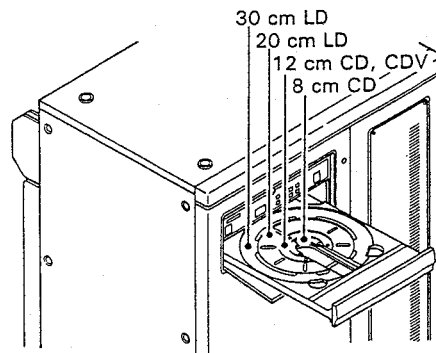
Standard tray

CD/CDV : with the labeled side up.

LD : with the side A facing up.

WARNING:

- Note that 8 cm CDs can only be loaded and played back on the standard tray. Do not load a 8 cm CD on the changer tray using the 8 cm CD adaptors. This may damage the mechanism of the AutoChanger.
- If the tray is pressed down, the system automatically withdraws it and your hand may be pinched.

**To avoid malfunctions, be especially careful about the following points.**

- Do not place any object other than a disc on the disc table.
- Do not move the AutoChanger while a disc is playing. This will cause the disc to be scratched.
- Be careful not to catch your finger in the disc table section while the disc table is being retracted into the unit. Also, be careful that do not put your hands into the inside of the unit while the disc table is open. This may cause injury.

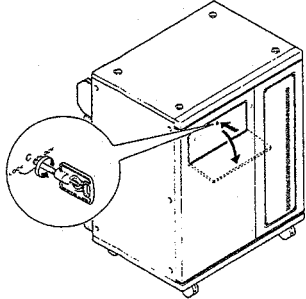
Precautions concerning disc loading

- Do not place more than one disc on the disc table. If two discs are placed one on top of the other on the disc table, discs may be scratched and/or malfunction may occur.

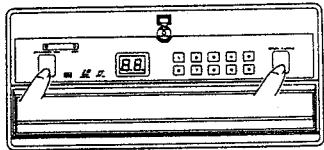
LOADING AND EXCHANGING DISCS

TO REPLACE DISCS

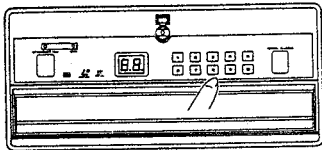
1. Switch the power of the commander OFF.
2. Unlock the sealing panel of the AutoChanger by using the supplied key and push to open the door.



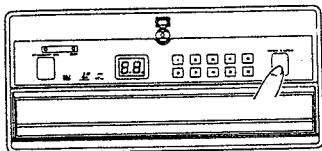
3. While pressing the OPEN/CLOSE button, press the STANDBY/ON switch.



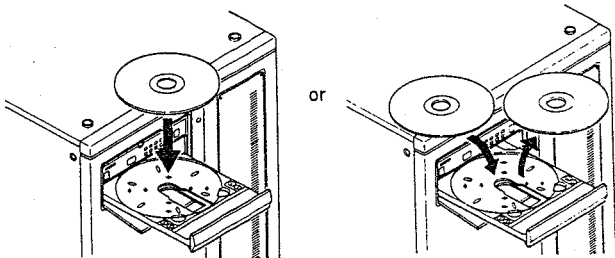
- The display shows "0.1".
- 4. Enter the number of the disc to be replaced by using the digit buttons.
- The disc number blinks on the display.



5. Press the OPEN/CLOSE button.
- The tray chosen in step 4 comes out in a little while.



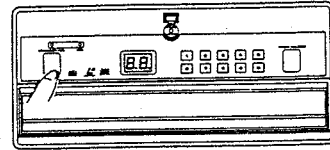
6. Replace the disc on the tray.
 - LD: Load the disc with side A facing up.
 - 20 cm LD, 12 cm CD or 12 cm CDV: Attach the disc tray adaptors before setting the disc. Loading the disc with labeled side up.



7. For replacing other discs, repeat steps 4 to 6.
 - If step 4 is skipped, the next disc number is automatically chosen.

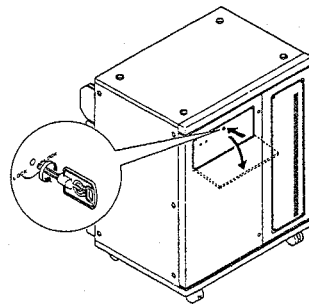
8. When replacement of the desired discs is completed, press the STANDBY/ON switch.

- The power will be switched OFF and the disc storage procedure is terminated.

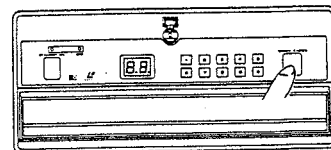


LOADING DISCS ONTO THE STANDARD TRAY

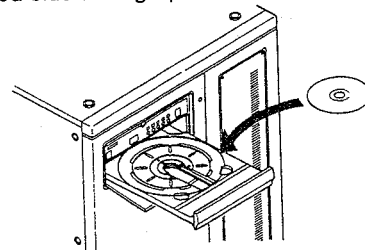
1. Switch the power of the commander ON.
2. Unlock the sealing panel of the AutoChanger by using the supplied key and push to open the door.



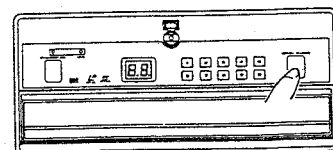
3. Press the OPEN/CLOSE button.
 - The standard tray will be ejected.



4. Load a disc on the tray.
 - LD: Load the disc with side A facing up.
 - 12 cm CD, 8 cm CD or 12 cm CDV: Load the disc with the labeled side facing up.



5. Press the OPEN/CLOSE button.



6. Close the sealing panel and lock it using the supplied key.

SET THE ADDRESS

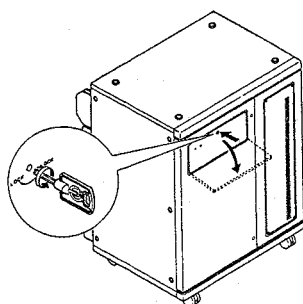
The address of an AutoChanger must be set before inserting a disc. Set the address to "1" if you use a single AutoChanger. Set to "2", "3" and "4" respectively for the 2nd, 3rd and 4th AutoChanger.

If more AutoChangers have been added to the first AutoChanger, the ADV or BGV disc currently being used must be moved. Move the ADV disc to the 47th and 48th disc position in the final AutoChanger. Move the BGV disc to the 49th and 50th disc position in the final AutoChanger.

[Example]

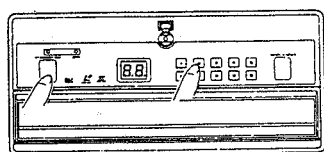
When setting "2" for the second AutoChanger.

1. Switch the power of the commander OFF.
2. Unlock the sealing panel of the AutoChanger by using the supplied key and push to open the door.



3. While pressing the numeric 2 button, press the **STANDBY/ON** switch.

- The set address number is displayed for several seconds "A.2" for your confirmation.



SET THE EXTENSION SWITCH

Set this switch to LAST UNIT for the AutoChanger installed in the final position. Set this switch to EXT.UNIT for all other AutoChangers.

	No.1	No.2	No.3	No.4
1 AutoChanger	LAST UNIT	—	—	—
2 AutoChangers	EXT. UNIT	LAST UNIT	—	—
3 AutoChangers	EXT. UNIT	EXT. UNIT	LAST UNIT	—
4 AutoChangers	EXT. UNIT	EXT. UNIT	EXT. UNIT	LAST UNIT

AutoChanger No. 1 is the machine connected to the CO-V100 unit. The following AutoChangers are numbered No. 2, No. 3, No. 4, etc., respectively.

Disc number

The disc number will change when more AutoChangers are added.

- | | |
|------------------------------------|-------------------|
| No. 1: AutoChanger trays 1 – 50 | Standard tray 901 |
| No. 2: AutoChanger trays 51 – 100 | Standard tray 902 |
| No. 3: AutoChanger trays 101 – 150 | Standard tray 903 |
| No. 4: AutoChanger trays 151 – 200 | Standard tray 904 |

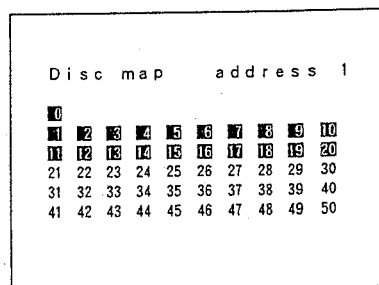
Important:
Care should be taken when replacing trays.

NOTE:

The AutoChanger will not operate properly when the same address has been assigned to two or more machines. Make sure to give each AutoChanger a different address.

CONVENIENT FEATURES

During loading and exchanging discs, screen display occurs. Disc loading conditions can be seen at a glance. Highlighted (white) numbers indicate the location of the loaded discs.



During the disc loading and exchange mode, activate the commander and monitor TV.

1. Set for disc exchanging mode.
2. Switch ON Commander (also switch ON monitor TV).

After the preceding steps:

1. Switch OFF Commander.
2. Deactivate disc exchanging mode by pressing **STANDBY/ON**.

NOTE:

- Only one AutoChanger screen can be observed at a time.
- Before relocation of the unit, remove all discs. Relocating the unit with disc inserted, can damage the discs and lead to machine failure.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this AutoChanger, check the points below. Sometimes the source of the problem may be the equipment connected to this AutoChanger.

Examine the equipment used with this AutoChanger.

If the problem you are experiencing with this AutoChanger cannot be rectified after following the checks listed below, ask your nearest authorized PIONEER service center or dealer to repair this product.

Symptom	Cause	Remedy
1. The power will not turn on.	<ul style="list-style-type: none"> The power cord of either the AutoChanger or the Commander is disconnected. The Commander is not turned on. The control cable is disconnected or loose. 	<ul style="list-style-type: none"> Connect the power cord. Turn the Commander unit on. Connect the control cable (secure it with the machine screw).
2. The disc stops rotating immediately and is returned to the disc tray.	<ul style="list-style-type: none"> The disc is extremely dirty. The disc is warped. Dew condensation in the AutoChanger. 	<ul style="list-style-type: none"> Clean the disc. Correct the warp. See page 11. Remove the disc for 1 to 2 hours, then use it after the dew has evaporated.
3. No video/audio output (noise occurs).	<ul style="list-style-type: none"> The plug connecting the equipment is not fully inserted or is disconnected. The plug or jack connecting the equipment is dirty. The machine has been set to the PAUSE mode. The amplifier operation is incorrect. The amplifier connecting cable plug has been disconnected from its jack, or is connected to an incorrect jack. 	<ul style="list-style-type: none"> Insert firmly. Wipe off the dirt with a soft cloth and then connect properly. Press the PLAY button of the AutoChanger commander. See the amplifier operating instructions. Connect properly (plug in completely).
4. The disc tray does not open.	<ul style="list-style-type: none"> The power is not switched on. The standard tray has been reserved. 	<ul style="list-style-type: none"> Insert the power plug into the wall socket and turn the power on. Cancel the reservation.
5. The disc does not play back. Play back stops immediately after starting.	<ul style="list-style-type: none"> The disc is extremely dirty. The disc has not been loaded properly in the disc tray. Dew has collected inside the AutoChanger. The disc is extremely warped. 	<ul style="list-style-type: none"> Clean the disc. Load the disc properly in the tray grooves. Load the disc (CD/CDV) in the tray with the label side facing upwards. Remove the disc. Leave the power on and wait 1 to 2 hours (or until the dew has evaporated), and then try to play back again. Severely warped discs cannot be used. ⇒ If the warp in the LD disc is not severe it can be corrected.
6. The tray immediately opens after closing.	<ul style="list-style-type: none"> The disc has not been properly loaded in the tray. 	<ul style="list-style-type: none"> Load the disc in its correct position and close the tray.
7. Although the power has been turned off, the AutoChanger does not switch to STANDBY mode.	<ul style="list-style-type: none"> The STANDBY indicator will start blinking when the power has been turned OFF. When the machine has completed all internal mechanical operations for STANDBY, the indicator will stop blinking and light to indicate that the machine is in STANDBY mode. 	
8. The error indicator is blinking.	<ul style="list-style-type: none"> Switch Commander OFF. After a short while switch Commander ON again. Switch Commander OFF. When the unit enters the STANDBY mode, disconnect the unit's power cord from the wall receptacle, plug it in again, and switch the Commander ON. <p>If this procedure doesn't solve the problem, contact your nearest PIONEER service center or your dealer.</p>	

TROUBLESHOOTING

Symptom	Cause	Remedy
9. The video picture slips up or down the screen (Vertical-hold is unstable).	<ul style="list-style-type: none"> The disc is extremely dirty. 	<ul style="list-style-type: none"> Clean the disc.
10. The picture is not clear when certain discs are used.	<ul style="list-style-type: none"> The disc is extremely warped. 	<ul style="list-style-type: none"> Repair the warp (only LDs). <ul style="list-style-type: none"> ⇒ Put the disc into its protective jacket and then place it between two flat plates of glass. Place heavy objects weighing about 4 to 5 kilograms (10 lbs) on top of the glass and leave for one day. The warp can be corrected. <div style="text-align: center;"> <p style="text-align: center;">Heavy books 4 to 5 kg</p> <p style="text-align: center;">LD disc Glass plate Protective jacket</p> </div>
11. Audio output makes an undulating sound.	<ul style="list-style-type: none"> The unit is playing back with the CX system turned ON using discs without the mark. 	<ul style="list-style-type: none"> Press the CO-V100 remote control DIGITAL/ANALOG button ON, and turn the CX OFF.
12. Songs cannot be selected.	<ul style="list-style-type: none"> The machine is playing back a disc which does not have chapter numbers recorded. A side or chapter (song number) not on the disc has been selected. 	<ul style="list-style-type: none"> Functions which use chapters cannot be used with discs where chapter numbers have not been recorded. Select a chapter which has been recorded on the disc.
13. Search time is delayed (takes over 40 seconds).	<ul style="list-style-type: none"> Some discs require an extended time for code retrieval. This is not a machine part failure. 	<ul style="list-style-type: none"> Wait for a little while.
14. Starting time is delayed, or the disc does not start at all with some discs.	<ul style="list-style-type: none"> Code retrieval is incorrect. This is not a machine part failure. 	<ul style="list-style-type: none"> Select the desired song and start playback again. If playback does not start, repeat this operation a number of times.

SPECIFICATIONS

CD CDV LD AUTOCHANGER LC-V100

1. General

System

... LaserDisc system and Compact Disc digital audio system

Laser Semiconductor laser wavelength 780 nm

Power requirements

..... AC 110 V/120 V/220 - 230 V/240 V
(Switchable), 50/60 Hz

Power consumption 160 W

Weight (without package) 93 kg

Dimensions 702 (W) x 593 (D) x 896 (H) mm

Operating temperature +5°C to 35°C Operating humidity

..... 5% to 85% (no condensation)

2. Disc

LaserDiscs

PAL disc

* Maximum playing times

30 cm active play disc 72 min/both sides

30 cm long play disc 2 hour/both sides

20 cm active play disc 28 min/both sides

14 min/one side

20 cm long play disc 40 min/both sides

20 min/one side

Spindle motor speed

Active play disc 1,500 rpm

Long play disc 1,500 rpm (inner circumference)

to 570 rpm (outer circumference)

(For a 30 cm disc)

NTSC disc

* Maximum playing times

30 cm standard play disc 1 hour/both sides

30 cm extended play disc 2 hour/both sides

20 cm standard play disc 28 min/both sides

14 min/one side

20 cm extended play disc 40 min/both sides

20 min/one side

Spindle motor speed

Standard play disc 1,800 rpm

Extended play disc 1,800 rpm (inner circumference)

to 600 rpm (outer circumference)

(For a 30 cm disc)

Compact Discs

DISC Diameter: 12 cm, 8 cm

Thickness: 1.2 mm

Rotation direction (pickup side) Counterclockwise

Liner speed 1.2 to 1.4 m/sec

* Maximum playing times 74 min, 12 cm discs

20 min, 8 cm discs

(For stereo playback)

NOTE:

Playback of 8 cm discs can only be performed when using the standard tray.

Compact Disc with Video

DISC Diameter: 12 cm, Thickness: 1.2 mm

Rotation direction (pickup side) Counterclockwise

Liner speed Audio portion: 1.2 to 1.4 m/sec

Video portion: 11 to 12 m/sec

* Maximum playing times

..... Audio portion: 20 min (digital)

Video portion: 5 min (CLV)

* Actual playback time differs for each disc.

3. Video characteristics

Format PAL/NTSC specifications

Video output

Level 1 Vp-p nominal, sync. negative, terminated

Impedance 75 Ω unbalanced

Jack RCA jack

4. Audio characteristics

Output level

During analog audio output 500 mVrms

(1 kHz, 100%)

During digital audio output 2 Vrms

(1 kHz, 0 dB)

Jacks Both RCA jacks

Number of channels 2

5. Other terminals

Interface connector terminal 9-pin D-SUB connector

6. Functions

Disc capacity Max. 50

CX noise reduction Automatic switching

7. Accessories

Video cable 1

Audio cable 1

Door key 2

Control cable 1

Operating instructions 1

NOTE:

The specifications and design of this product are subject to change without notice, due to improvement.

is a trademark of CBS Inc.
This autochanger meets the CX EXPANDING SPECIFICATION.