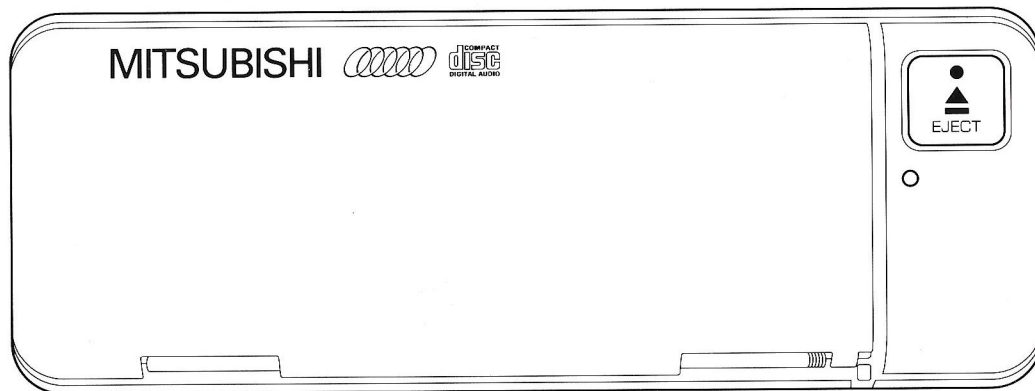




**CD CHANGER**  
**A993RC1X01** (CD-3000C-MS)  
**INSTRUCTION BOOK**



## GENERAL INFORMATION

Thank you for purchasing Mitsubishi Compact Disc Changer. Please read this owner's manual carefully to use the unit properly and to enjoy great sound for a long period.

## FEATURES:

1. 8-Times-Oversampling Digital Filter and 1-bit Digital-to-Analog Converter allow CD's to be played with exceptional fidelity.
2. 6 Disc in a Magazine can be continuously played for many hours creating the high quality sound of compact disc.
3. Automatic Magazine Program Selection automatically recognizes the magazine pre-programmed in the CD controller.
4. This player can be mounted in two ways; Horizontally and Vertically.  
You can choose the best way by the mounting place.

## SPECIFICATIONS

### General

System	Compact disc audio system
Usable discs	Compact Disc
Signal format	Sampling frequency: 44.1 kHz Number of quantization bits: 16; linear
Power source	14.4 V DC (10.8 – 15.6 allowable)
Max. current consumption	0.9 A
Weight	3.2 kg
Dimensions	200 (W) x 75 (H) x 295 (D) mm

### Audio

Frequency characteristics	5-20,000 Hz ( $\pm 1$ dB)
Signal-to-noise ratio	97 dB (1 kHz) (IEC-A Network)
Dynamic range	94 dB (1 kHz)
Output level	1000 mV (1 kHz, 0 dB)
Number of channels	2 (stereo)

### Note:

Specification and the design are subject to possible modification without prior notice due to improvements.

## ATTENTION

For your protection in the case of theft or loss of your set, please fill the fact in the following columns

MODEL NAME \_\_\_\_\_ SERIAL NO. \_\_\_\_\_

PURCHASE DATE \_\_\_\_\_ PURCHASE PRICE \_\_\_\_\_

PURCHASE PLACE \_\_\_\_\_

Please be sure to keep sales receipt from your dealer at purchasing for warranty service qualification

## CAUTION for LASER PRODUCT

This product has a LASER energy source. Use of controls other than those specified herein may result in hazardous radiation exposure.

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

To avoid invisible LASER radiation, do not remove the cover and attempt to repair by yourself. There are No user-serviceable parts inside.

In case of malfunction, please contact a qualified service center.

**DANGER**  
**INVISIBLE LASER RADIATION WHEN OPEN**  
**AVOID DIRECT EXPOSURE TO BEAM**

## CERTIFICATION AND IDENTIFICATION LABEL

Location affixed : Top cover  
Contents : As shown on below

**A993RC1X01**

CLASS 1 LASER PRODUCT  
PRODUCT COMPLIES WITH DHHS RULES 21  
CFR SUBCHAPTER J PART 1040:10 AT  
DATE OF MANUFACTURE.

MANUFACTURED  
MITSUBISHI ELECTRIC CORPORATION  
SANDA, HYOGO, JAPAN

DANGER  
INVISIBLE LASER RADIATION WHEN OPEN.  
AVOID DIRECT EXPOSURE TO BEAM.

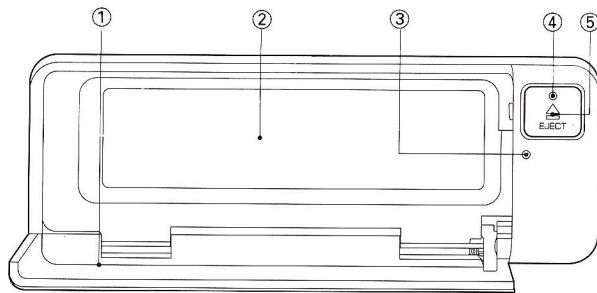
CD-3000C-MS

34W0012

12V NEG. GROUND  
SERIAL NO.

MADE IN JAPAN

## OPERATION



① Door

Be sure to never leave the door open.

② Compact disc magazine slot

③ Clear button


If the power does not switch on or if the compact disc player does not operate when the button on the multi-CD controller is pressed. Or if the multi-CD controller display is incorrect, press this button on the player with the tip of a pencil to restore normal operation.

④ Power indicator


This lamp comes on when the power is turned on.

⑤ Door open/eject button

Press this button to open the door ① and eject the magazine.

The Magazine Type Multi-Play CD players with  mark and the Magazines with the same mark are compatible for 5-inch (12 cm) discs.

Precautions when Using 8-cm (3-inch) CDs

- Do not use an 8-cm (3-inch) CD without an adapter or without a disc in this player.
- When playing an 8-cm (3-inch) CD, use an adapter conforming to the recommended CD standard, or an adapter with the  mark.
- Read the instructions supplied with the adapter in order to fit the adapter to an 8-cm (3-inch) CD correctly before playing the disc.

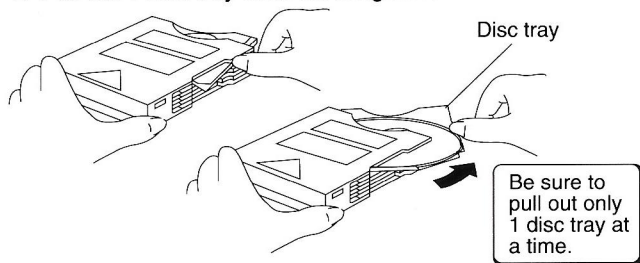
If the above precautions are not taken, the 8-cm (3-inch) CD may fail to play. The disc may be damaged or may get jammed in the player.

## HOW TO USE CD MAGAZINE

### Disc Setting

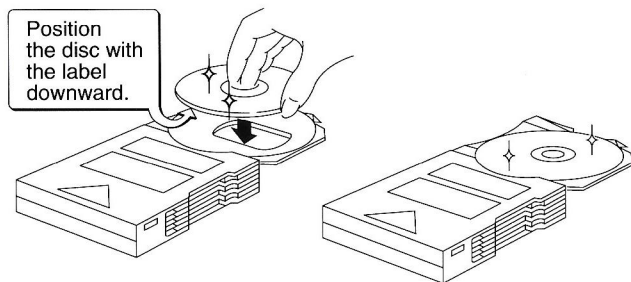
Insert your selected discs into the supplied magazine. Up to 6 discs may be inserted into the magazine. The discs are numbered from 1 (top tray) to 6 (bottom tray).

1. Pull out 1 disc tray from the magazine.

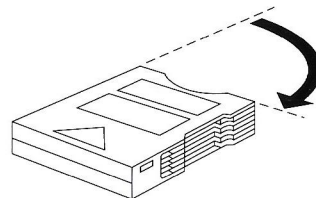


2. Put 1 disc on the disc tray, LABEL DOWNWARD

- Do not touch the recorded side of a disc when inserting or removing it.



3. Push the disc tray back in



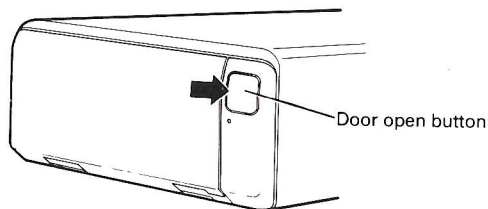
- This compact disc player recognizes which magazine is in use from the top disc. Always keep a disc in the top disc tray.
- If you load a DISC with the printed label facing UP, the change will not be able to recognize and, therefore, play this disc. Since the disc will not be recognized, the radio will not display an "Error" message. All discs in each magazine must have their label sides facing DOWN.

### Precautions when handling magazines

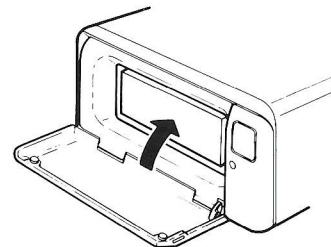
- Keep the magazine in its special case after use. Do not put the magazine in a place where it will be exposed to high temperatures or direct sunlight.
- Do not disassemble the magazine.
- Take care not to drop the magazine or knock it against anything.  
Do not force the pulled-out tray in any way.
- The use of benzene, thinner, insecticide, or other volatile chemicals may damage the magazine surface.

## Magazine Setting

1. Press the door open button.

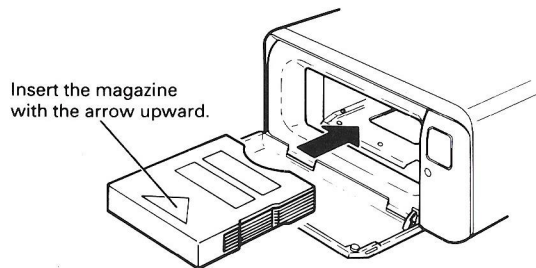


3. Close the door.
  - Never leave the door open while playing discs. The entry of dirt, dust, or any other foreign matter into the player may cause it to fail.



2. Insert the magazine.

- Make sure that the magazine is loaded with discs before inserting it into the player.
- Be careful to insert the magazine into player with the arrow mark facing upward.
- If the label on the magazine is coming off or wrinkled up, it may damage the eject mechanism, and in some cases, the magazine may not be ejected. Therefore, remove a damaged label completely before use.



## INSTALLATION and CONNECTION

### Transportation Pin and Screws

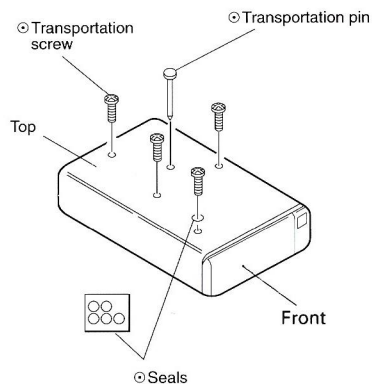
The unit has the pin & screws to protect the mechanism damage during transportation.

Before operation, be sure to remove the pin and four screws. To remove the pin, first peel off the adhesive tape and then extract the pin.

Next, remove all four screws.

COVER all holes (5) with the self-adhesive seals provided.

RETAIN the pin and all screws in case of warranty service.

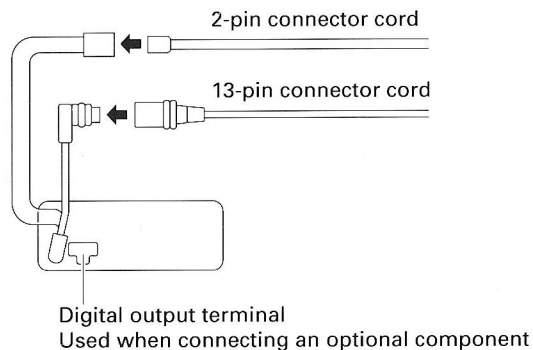


Should your unit require shipment. . . .

1. Play a few seconds at the very beginning of a disc, then stop. (This will center the laser inside the box)
2. Remove the CD magazine
3. Remove the CD Changer
4. Peel off the seals, cover the transport holes and re-install the four transport screws and pin. Place adhesive tape over pin.

### Pre-Connection

Before installation, connect 2-pin and 13-pin connector cords with pre-wired connectors from the vehicle as illustrated to confirm operation in advance. If it is OK, disconnect them and proceed to the installation.





### Other Cautions

- Set air conditioning or heating for suitable temperature because there may be extreme changes in temperature during summer or winter.
- Replace fuses only with the types stipulated on the fuse holder.
- When driving on an uneven road, the player may not reproduce every sound properly.
- Do not add any oil to the rotating parts nor disassemble the set if it does not perform satisfactorily.

### Condensation

- During winter the inside of the vehicle may be very cold. If the heater is turned on and the player is used soon after, the disc or optical parts (prism, lens, etc.) may become misted up, and the player will not operate correctly. If the disc is misted up, wipe it with soft cloth. If the optical parts are misted up, wait for about an hour for them to warm up. They will return to their normal condition.

### Installation and Final Connection

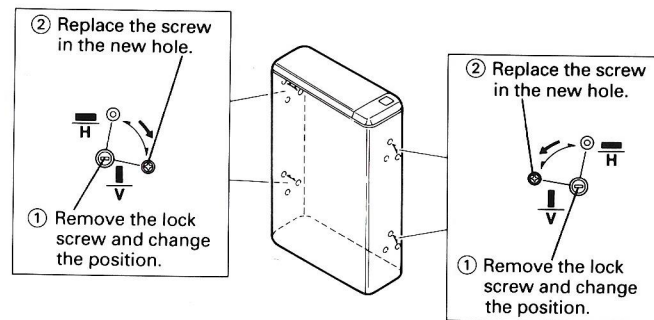
- This set is designed to fit perfectly using the special installation kit prepared exclusively for your car. Please ask your dealers for details. Please connect 2-pin and 13-pin connector cords with pre-wired connectors from the vehicle as the Pre-Connection and make sure the operation.

### Vertical Setting

This set is shipped from the factory ready for Horizontal mounting.

For Vertical mounting, please follow the instructions below.

1. Remove the four screws holding the shock absorber/springs in the horizontal setting. Retain these screws for future use.
2. The spring position must be changed. Insert a flat-bladed screwdriver into the slot as shown in the illustration below. Turn from the H to the V position.
3. Insert the retained screws into the holes nearest the V marking and fasten.





## DISC CARE

- Only use compact discs (optical digital audio discs) bearing the mark shown below. (Fig. 1)
- Be sure never to touch the signal surface when handling discs. Pick up discs by grasping the outer edges or the edges of the hole and the outer edge. (Fig. 2) (Fig. 3)
- Do not affix paper or tape, and avoid scratching the side of the disc which contains the label (contents of disc). (Fig. 4)
- The disc revolves at high speed within the player unit, so defective (cracked or badly bent) discs should not be used. (Fig. 5) (Fig. 6)

- Dust and/or finger smudges will have no direct effect on the signal recorded on the disc, but dirt can decrease the amount of light reflected from the recorded surface, thus affecting sound quality. If the disc should become soiled, gently wipe the surface with a soft lint-free cloth, wiping from the center of the disc to the edge. (Fig. 7)
- Do not use record sprays or antistatic agents. Such volatile chemicals as benzine and thinner can also damage the surface of the disc and should not be used. (Fig. 8)
- As with traditional audio records, compact discs are made of plastic. To avoid warping, keep the discs in their cases and do not store them in places exposed to direct sunlight. (Fig. 9)

**COMPACT**  
**disc**  
**DIGITAL AUDIO**

Fig. 1

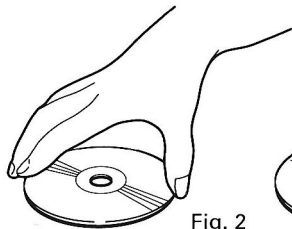


Fig. 2

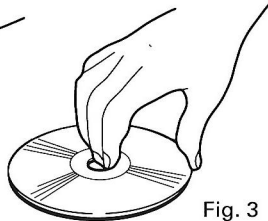


Fig. 3



Fig. 4



Fig. 5



Fig. 6

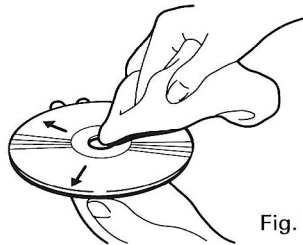


Fig. 7

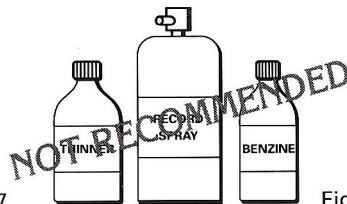


Fig. 8

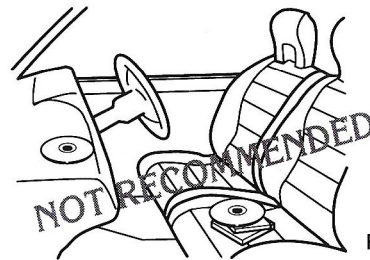


Fig. 9

# mitsubishi motor sales of america, inc.

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