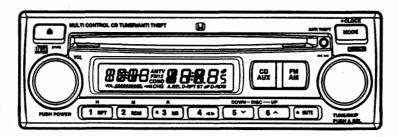
AM/FM COMPACT DISC PLAYER with CD CHANGER CONTROL



P/N; 08A02-4E1-101

HONDA



ACAUTION

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

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION 2967-3, ISHIKAWA-CHO, HACHIOJI-SHI TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS NO.21 CFR 1040. 10, CHAPTER 1, SUBCHAPTER J.

Location: Bottom Panel

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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 or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please write the serial number (on the bottom of the unit) in the space below. Keep this booklet as a record of your purchase to help identify the unit if it's stolen.

Serial No.;

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AUDIO CONTROL 10 TO ADJUST THE CLOCK 12 MUTE ON/OFF 14 Radio Operating Instructions	Cassette Operating Instructions
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Compact Disc Operating Instructions PLAYING A COMPACT DISC	What is the Difference between AM and FM Radios?4 FM Reception4 Specifications4

Explanation of the hand marks



Rotate the controller.



Press momentarily.



Press and hold down.



0.5 sec. 1 sec. or 2 sec.

Press and hold for at least 0.5,1 or 2 seconds.

Precautions



VOLUME

For your driving safety, keep the volume low enough to be aware of road and traffic conditions.



OUTSIDE CLEANING

Use a soft cloth to clean the radio.
Do not use kerosene, thinner or any other type of solvent.



TEMPERATURE IN THE VEHICLE

In order to ensure proper performance, be sure the temperature in your vehicle is between 14°F (-10°C) and 140°F (60°C) before turning your player on. Good air circulation is essential to prevent heat build-up in the unit (especially in hot weather).



PRECAUTION FOR OPERATIONS

Press or turn the buttons soft when operating the unit.

Applying excessive force to the buttons may cause your unit to malfunction.



CAR WASHING

Do not wash the radio, speakers, or CD wet; moisture can cause electrical shorts or other damage.

Proper Care of Your CDs

Stains, scratches, or warping can cause skipping, malfunction, or low sound quality. Take the following precautions to avoid damage to the compact discs.

Handling CDs

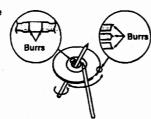
- Don't touch the recording surface of the CD.
- CD-R and CD-RW are easier to damage than a normal music CD. Use a CD-R or a CD-RW after reading the caution items on the package etc.
- Don't stick tape etc. on the CD.
 Also, don't use a CD with tape stuck on it.



Don't use CD type accessories.

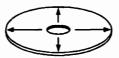
When using a new CD

If the CD center hole or outside rim has burrs, use it after removing them with a ball pen etc.



CD cleaning

Clean from the center of the CD and move outward.



Removing CD

When removing CDs from this unit pull them out horizontally.



CD storage

- Don't place them in direct sunlight (On the seat or dashboard etc.) and where the temperature is high.
- · Store CDs in their cases.

ACAUTION

CDs that can't be used

. CDs that aren't round can't be used.



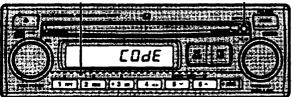


- CDs with coloring on the recording surface or that are dirty can't be used.
- Don't use CD without disc mark. disc disc disc.
- A CD-R or CD-RW that hasn't been finalized can't be played.
 (For the finalization process refer to your CD-R/CD-RW writing software, and your CD-R/CD-RW recorder instruction manual.)

Anti-Theft Operation Instructions

Number button

Anti-theft indicator



The Honda anti-theft radio circuitry is designed to essentially render your radio unsaleable if it is stolen. If the radio is subsequently electrically reconnected, it will not operate again until a five-digit security code assigned to your radio is entered. The anti-theft features and operation are as follows:

- After the ignition key is removed, the red "Anti-theft indicator" will continuously flash, drawing attention to this feature.
- 2. Should the voltage supply to the radio drop below 5 volts due to a dead battery, electrical repairs, or radio removal(such as the theft), the radio will not function when voltage is restored. The word "COdE" will show in the display only.
- 3. The proper 5 digit code shown on the TWO CARDS SUPPLIED TO YOU must then be entered (using the proper numbered push-button selectors) when the radio is on and the display shows "COdE".

When the wrong code is entered 3 times in succession the power turns OFF.

If this happens repeatedly 10 times the radio won't accept input for 1 hour.

IMPORTANT:

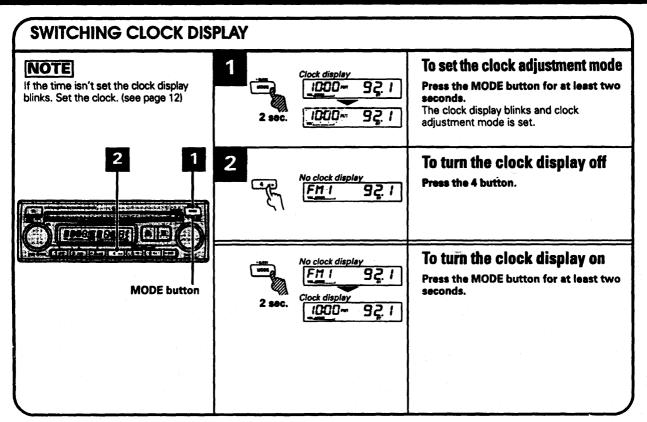
When entering the five digit code number, be sure to complete the sequence numbering of that 5 digit code. For example: Code No. sequence is 43215 and you mistakenly enter 42 instead of 3, continue the code number sequence of 215 to complete that entry. The radio will not operate and the number you entered will disappear from the display. Re-enter the correct number sequence of 43215 and operation of the radio will continue. The likelihood of guessing the correct code is extremely remote. The radio is, therefore, unsaleable by a thief.

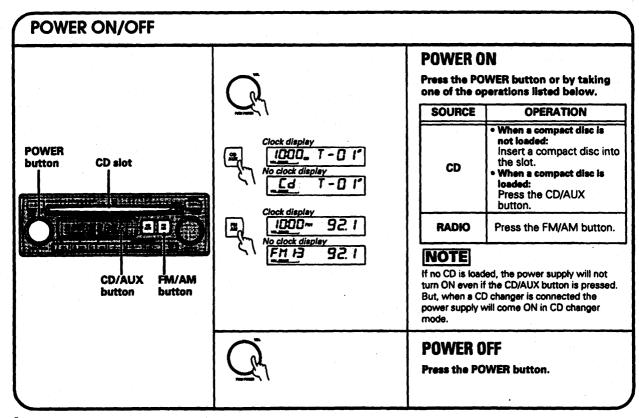
- 4. The code card should be placed in a secure place or with the vehicle title papers for security as deemed necessary by your individual needs. Your Honda dealer can help you.
- Should radio or electrical repairs become necessary, please give the repairing facility the radio code number. If you do not, only authorized Honda dealer personnel can obtain the code from American Honda Motor Co., Inc..
- Should you lose your code cards, contact your nearest Honda dealer who will then obtain your code from American Honda Motor Co., Inc.. You may be charged for the removal of the radio to determine the radio serial number.

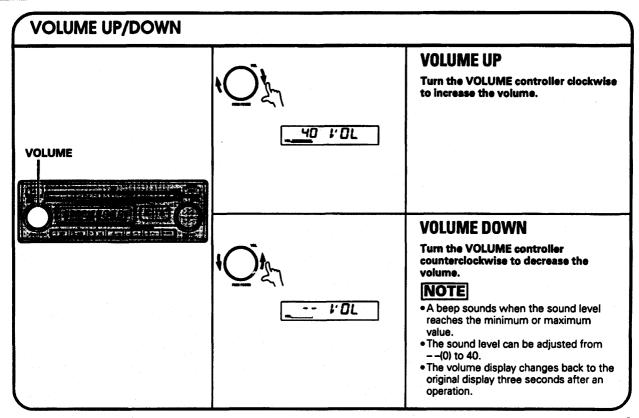
WARNING:

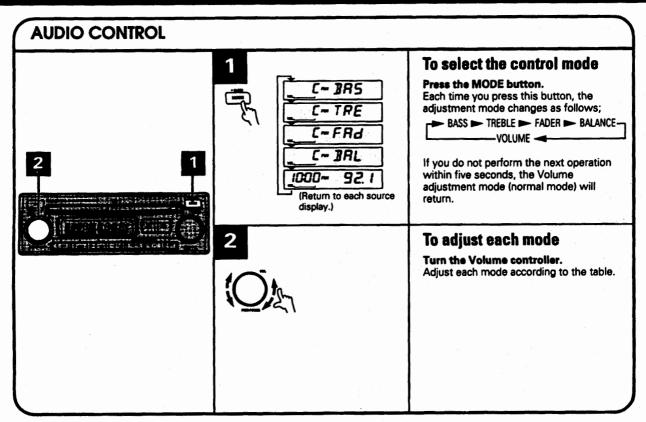
For your protection, codes will not be given out to anyone under any circumstances other than authorized Honda dealer personnel after proof of vehicle ownership and proper identification is established.

Install the 2 enclosed warning decals in visible areas and in accordance with motor vehicle regulations.

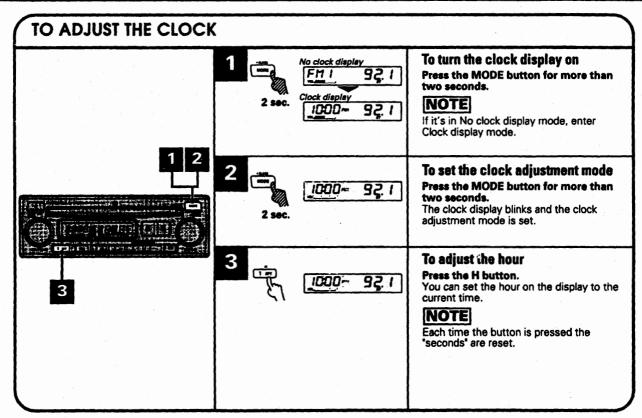


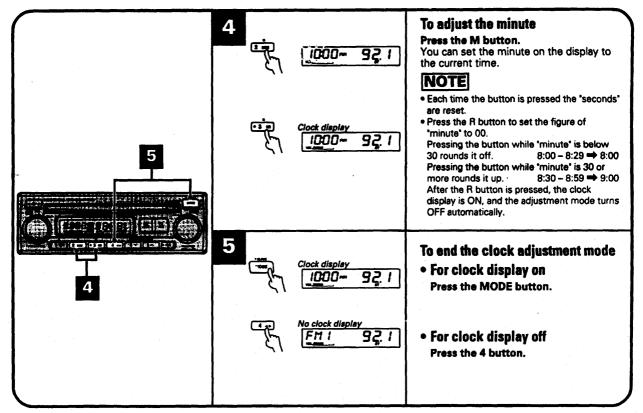


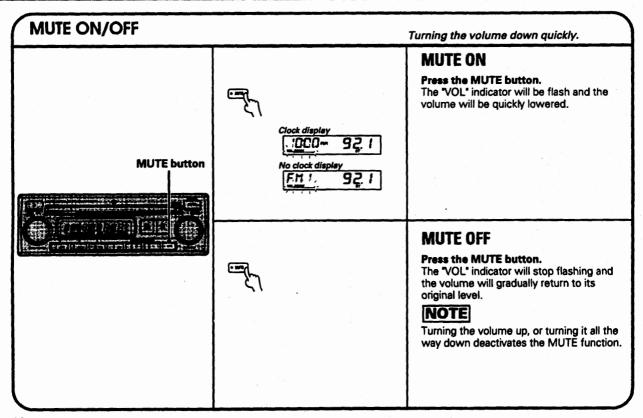


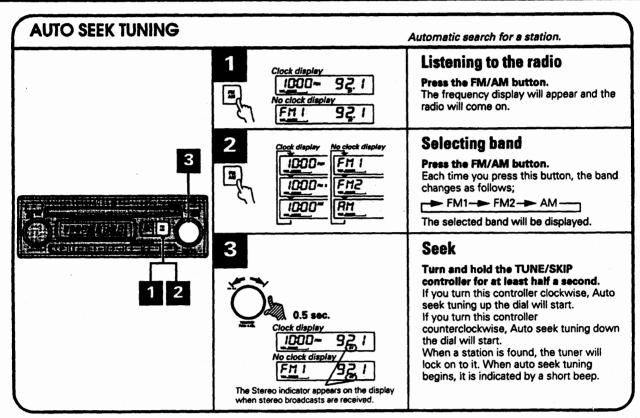


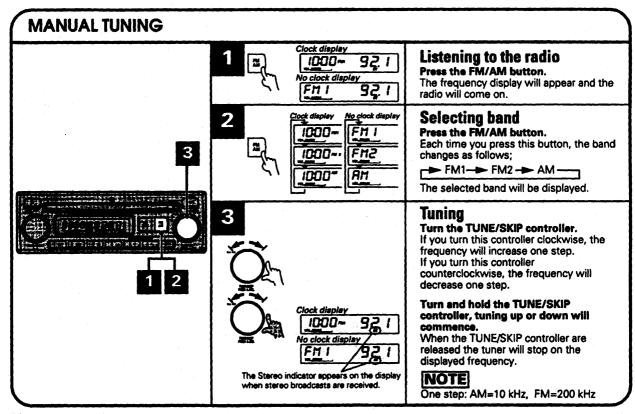
Display	Audio control operation	
Display	Turn counterclockwise	Turn clockwise
	Bass decreases.	Bass increases.
ETRE + +	Treble decreases.	Treble increases.
	Rear sound emphasizes.	Front sound emphasizes.
L9 ← → R9	Left channel emphasizes.	Right channel emphasizes.

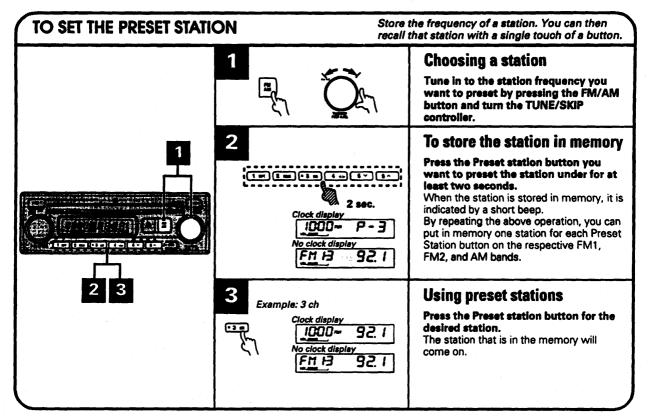


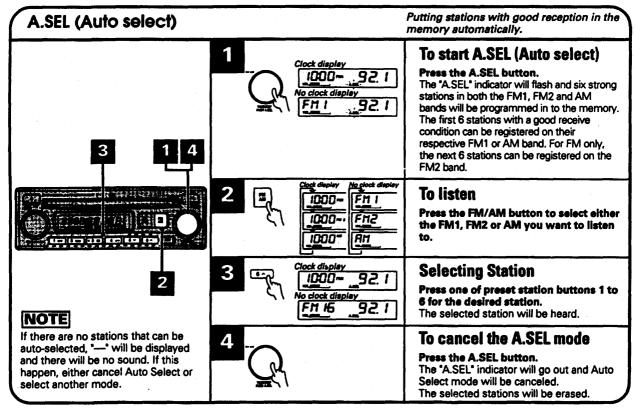












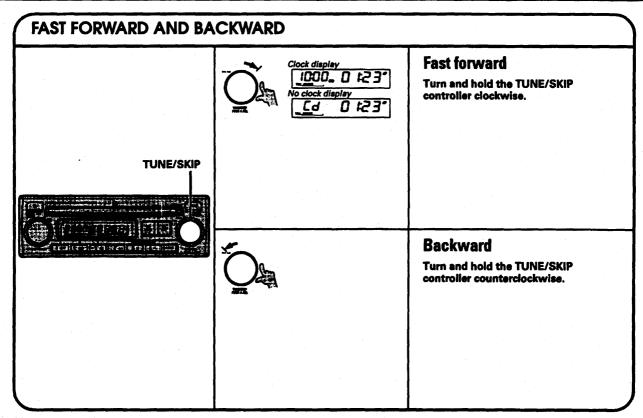
PLAYING A COMPACT DISC To play Clock display 10000 Insert compact disc in the slot with the label facing up. No clock display If there is a compact disc in the unit. press the CD/AUX button. "Cd" will be displayed or the "CD" indicator Clock display will light up. The CD will start playing. 1000_ **▲(EJECT)** button CD slot NOTE No clock display Do not attempt to insert a CD into the slot if another one is already there. The DISC indicator appears on the display when a CD has been inserted. To stop and eject Clock displa-Press the **A(EJECT)** button. CD/AUX button The CD will eject. No clock display NOTE NOTE It returns to the source mode before becoming CD mode. Load & cm (3 in.) CDs without using an adaptor. They can be played back When you load a CD and eject it right away, the next time you try to insert the as-is just like 12 cm (5 in.) CDs. • Use of an adaptor for 8 cm (3 in.) CD may not load. In such a situation,

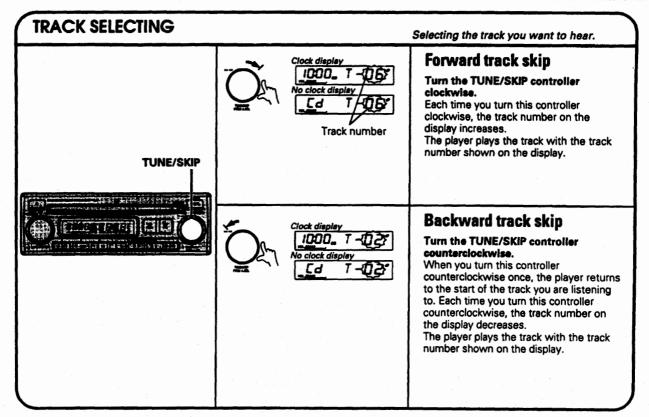
CDs may result in malfunction or

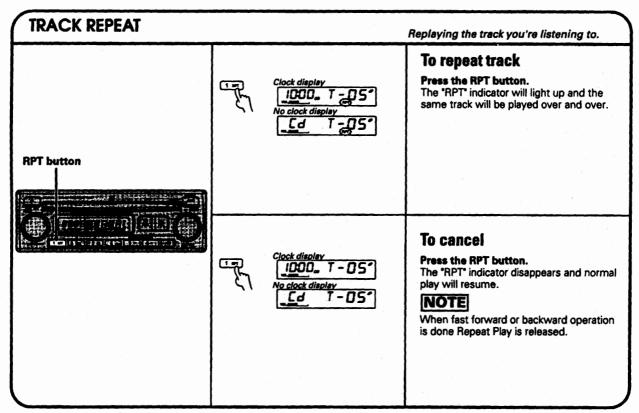
damage to the system.

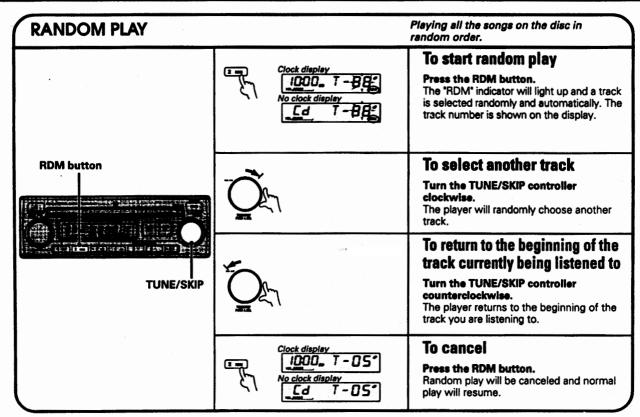
take the CD out for a moment and then

reinsert it.

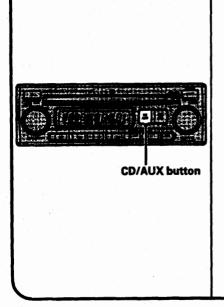


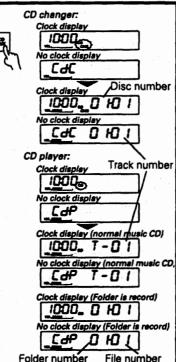






DISC PLAY WITH CD CHANGER/PLAYER (Optional)





To play discs

Press the CD/AUX button.

If you see "Cd-C" display or the "CD CHG" indicator will light up, you are in CD changer mode.

If you see "Cd-P" display or the "CD" indicator will light up, you are in CD player mode. When more than two CD changer or player units are connected, the operation changes as described below each time the CD/AUX button is pressed.

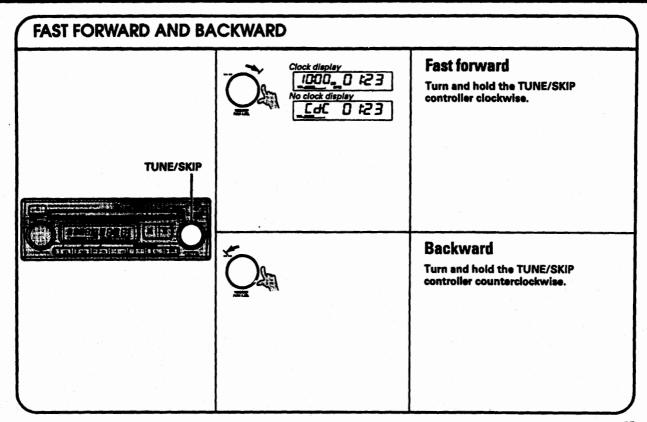


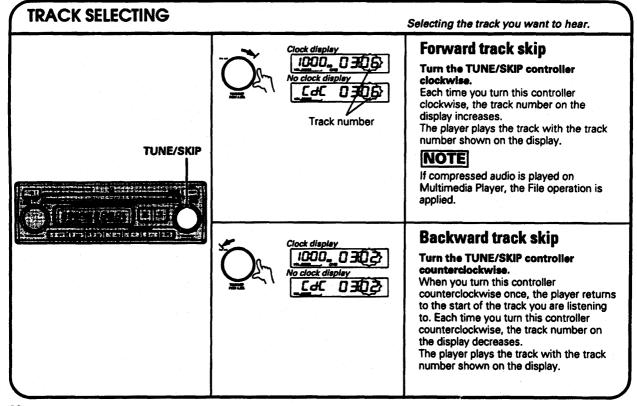
NOTE

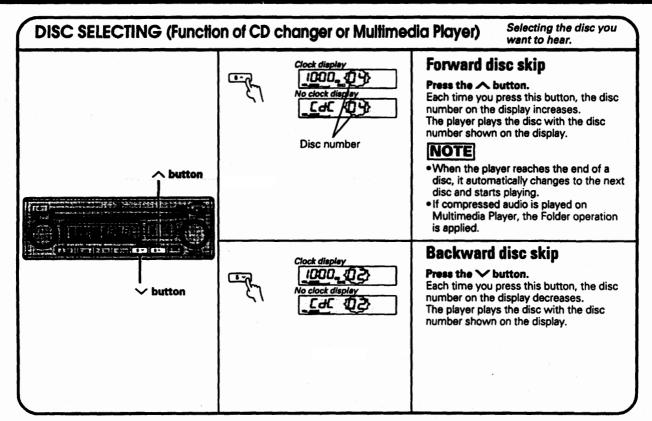
(Cd : When a compact disc is loaded)

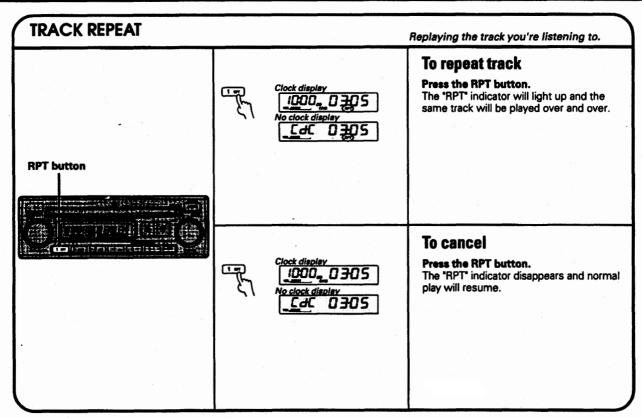
 The disc number blinks during disc exchange.

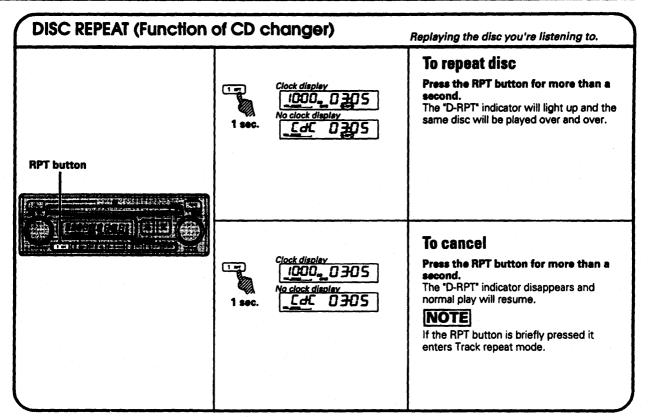
- When the disc magazine is loaded into CD changer during the modes other than CD changer mode, it begins disc loading to check the disc information.
- If compressed audio is played on Multimedia Player, the Track operation is switched to the File operation.
 Also, if the Folder is recorded, the Disc operation is switched to the Folder operation.

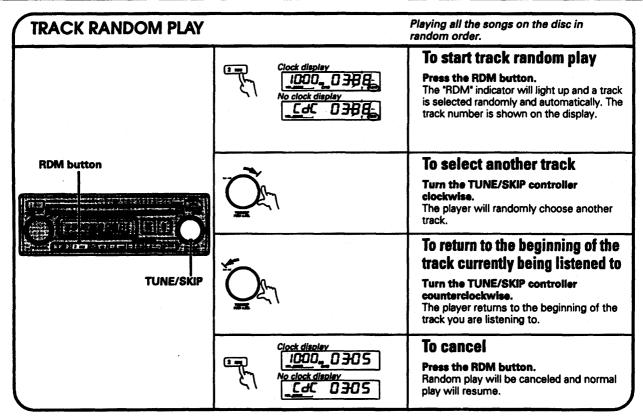


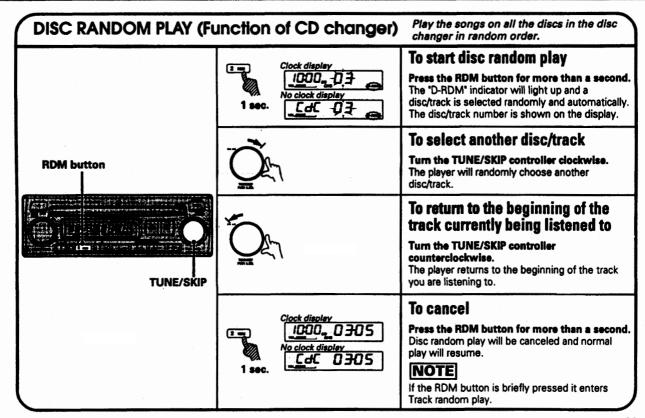


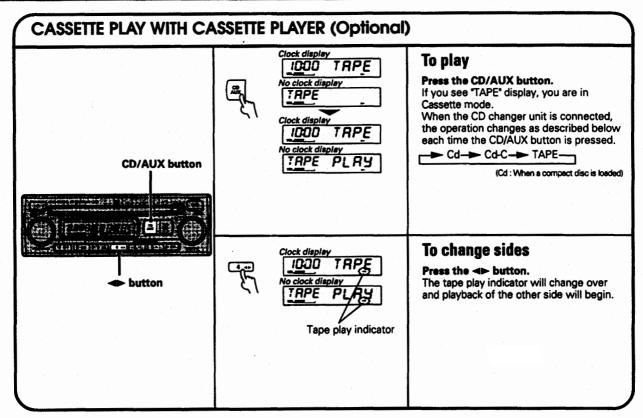


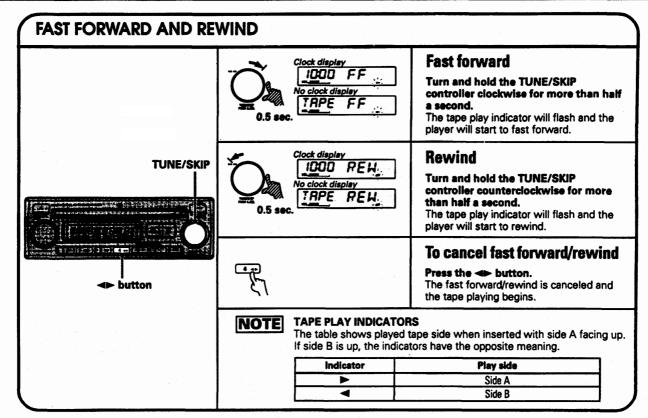


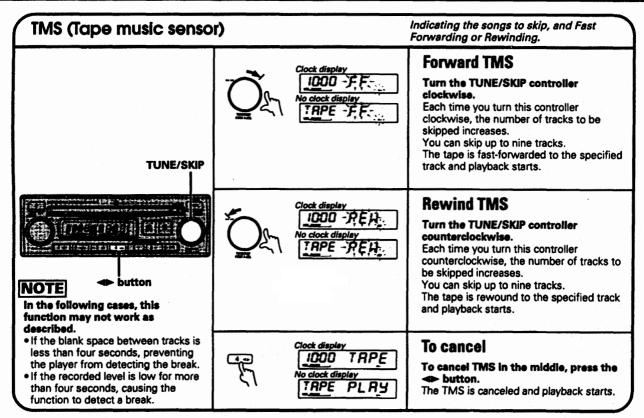


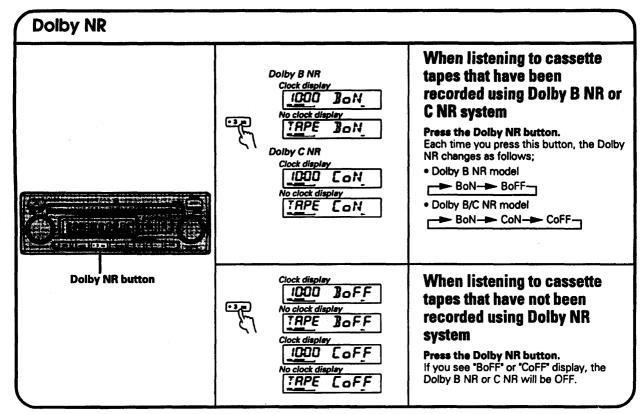


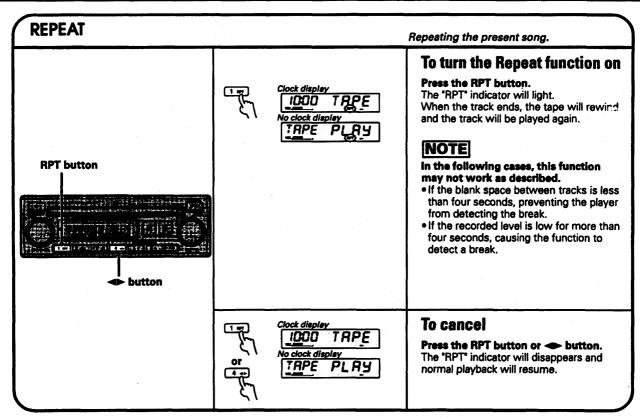










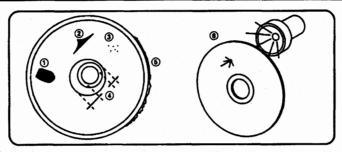


In Case of Difficulty

If you encounter a problem, please review the items in the guide. This guide will help you isolate the problem if the player is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Honda dealer.

CD MODE

Symptom	Cause	Remedy
A CD ejects as soon as it is loaded.	The CD is upside-down.	Load the CD with the labeled side up.
	The CD is quite dirty.	Clean the CD, referring to the section on "CD cleaning" (refer to page 5).
	Disc not centered on clamping mechanism.	Disc center hole defective, preventing table of contents (TOC) to be read, triggering the eject mechanism.
The CD won't insert.	The CD is quite burrs.	Remove burrs of CD, referring to the section on "When using a new CD" (refer to page 5).
The sound skips on a CD.	The CD is scratched@ or dirty①.	Clean the CD, referring to the section on "CD cleaning" (refer to page 5).
	Pinholes in disc caused during stamping process-reflective material missing. 3	Check for pinholes by holding disc up to a light source and looking at it as illustrated.
A track will not play.	Random play has been selected.	Turn off random play.
Cannot play CD-R or CD-RW.	Finalization processing is not being conducted for CD-R/CD-RW.	Conduct finalization processing with CD recorder.



In Case of Difficulty

OTHER MODE

Symptom	Cause	Remedy
No sound or sound output is low.	The volume level is minimum.	Raise the volume level.
	The fader or balance is set to one side.	Adjust the fader and balance.
·	The Mute is ON.	Turn the mute OFF (refer to page 14).
Sound quality is poor. (Sound distortion)	The volume level is too high.	Use the appropriate volume level.
Poor reception.	The antenna is not extended.	Extend the antenna.
	The radio wave condition of the station being received is poor.	Receive a frequency with better radio wave condition.

CD CHANGER/PLAYER MODE

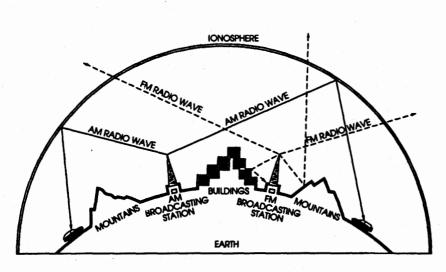
Symptom	Cause	Remedy
Disc play does not start.	Power is not turned ON.	Press the CD/AUX button, and select the CD changer/player mode.
The specified disc is not played; a	The specified disc is very dirty.	Check and, if possible, clean the disc.
different disc is played instead.	The disc is loaded upside down.	Eject the disc magazine and insert the disc correctly.
	Two discs are inserted in a slot.	Eject the disc magazine and insert the discs correctly.
	The number of the slot into which the disc is inserted is different from the number of the specified disc.	Eject the disc magazine and check the number of the specified disc.
The sound skips.	The disc is severely damaged.	Use another disc.
Sound quality is poor.	Something is touching the CD changer.	Keep it away from the CD changer.
No sound is heard even though the information concerning the CD changer is displayed.	The disc is dirty or damaged.	If sound skips at the same part, the disc is faulty. Check and, if possible, clean the disc.
	The recording of the disc is poor.	Try playing another disc. If the sound is good, the fault was with the original disc.
	The disc is dirty or damaged.	Check and, if possible, clean the disc.
	Volume is set to minimum level.	Raise the volume level.
The specified track/disc is not played.	The player is set to random play/disc random play.	Turn off random play/disc random play.

In Case of Difficulty

CD MODE and CD CHANGER/PLAYER MODE and CASSETTE MODE

Indication	Cause	Remedy
-EJ-	 No disc in this unit. No disc magazine in CD changer. No tape in tape player. 	Load a compact disc in the CD slot. Load a disc magazine in the CD changer. Load a tape in the tape player.
] 15[Disc is too dirty. The disc is upside down. The disc is damaged. No disc in disc magazine. 	Clean the disc and insert it correctly. Load a disc in the disc magazine.
Err	Mechanism malfunction. Mechanism malfunction of tape player.	Contact your dealer. Contact your dealer.
неяь	When the temperature exceeds 60°C, a protection circuit will stop all operations. This message will then be displayed.	The volume stays at minimum until the unit's internal temperature falls. When the internal temperature falls, the volume goes to setting "3".
		Let the place where the changer is located cool down. As soon as it has cooled, the changer starts playing.

What is the Difference between AM and FM Radios?



AM Advantages

AM radio waves follow the curvature of the earth, bend around obstacles, and are reflected by the ionosphere to give good long range reception.

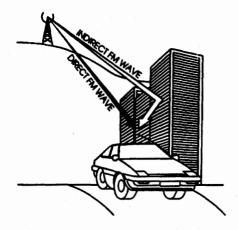
FM Advantages

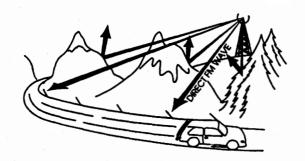
FM offers low noise, low distortion, a wide dynamic range, and is usually broadcast in stereo.

• FM Stereo

FM stereo radio signals travel "piggyback" or in other words, two separate signals are carried on the same radio wave. FM Stereo radios decode these signals to give stereo separation.

FM Reception





Multipath

Multipath is the noise and distortion caused by the mixing of direct waves reflected from buildings and mountains.

• Electronic Tuned Radio

Tuning is performed by Phase Locked Loop (PLL) Synthesizer. This allows each station to be precisely-electronically tuned for optimum reception. Electronic tuning reduces the chance for off center tuning problems usually found with manually tuned radios. Another benefit is 6 AM and 12 FM preset stations, a total 18 pretuned stations at your fingertips.

Static Noise

Static noise results from the disruption of medium to weak signals by mountains, trees, etc., causing an alternating strong/weak signal pattern.

Auto Select

The "A.SEL" button allows the listener to find strong stations automatically and locks them in electronically for better listening pleasure.

NOTE

NOTE

Specifications

FM tuner section

Frequency range (200 kHz space)	87.9 MHz - 107.9 MHz
Usable sensitivity	12.0 dBf (1.1 µV/75 ohms)
50 dB quieting sensitivity	13.5 dBf (1.3 µV/75 ohms)
Signal to Noise ratio (IHF T-200)	75 dB
Selectivity	100 dB
Stereo separation (1 kHz)	

AM tuner section

Frequency range (10 kHz space)	530 kHz - 1700 kH:
Usable sensitivity	27 dBj

CD Section

OD OBCUOII	
Laser Diode	GaAlAs (λ=780 nm)
Digital Filter (D/A)	8 Times Over Sampling
D/A Converter	1 bit
Spindle speed	500 - 200 rpm (CLV)
Wow & Flutter	Below Measurable Limit
Frequency response (±1 dB)	5 Hz – 20 kHz
Signal to Noise ratio	
Dynamic range	
Stereo separation	

Audio section

Maximum power output	40 W × 4
Total harmonic distortion	
Tone action	Bass: ±10 dB (100 Hz)
•	Treble:±10 dB (10 kHz)

General

Supply voltage	13.2 V DC (negative earth)
Maximum current	
	2.0 mA (standby)
Dimensions (width x length x depth)	
	7-1/16 x 2-1/16 x 6-1/8 inch
Weight	2.76 lbs (1.25 kg)

Specifications subject to change without notice.

HONDA

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