

KRC-740

INSTRUCTION MANUAL

KENWOOD CORPORATION

Take the time to read through this instruction manual. Familiarity with installation and operation procedures will help you obtain the best performance from your new cassette-receiver.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your KENWOOD dealer for information or service on the product.

Model KRC-740 Serial number _______

SAFETY PRECAUTIONS

WARNING

Observe the following instructions to prevent fires and personal injury.

- To prevent the possibility of injury due to a shock from a collision causing the faceplate to fly off and strike a passenger, always make sure the faceplate is securely locked in place when attaching it to the unit,
- When the Power supply lead, Memory backup lead or Ground lead are extended, use a 0.75 mm² (AWG 18) or larger automotive grade cable which will withstand friction and heat to safe guard against fires occurring as a result of short-circuiting.
- Make sure that metal objects, particularly needles or coins do not get into the unit to prevent shortcircuiting and fires.
- If smoke comes out of the unit of a strange smell is present, disconnect the unit immediately and consult your KENWOOD dealer. Continued use under these circumstances could cause a fire as well as damage the unit permanently.

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 can lose the authority to operate this equipment if an unauthorized changes or modification are made.

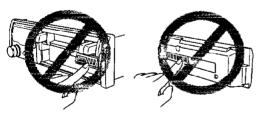
A CAUTION

Heed the following instruction to keep the unit in proper working order.

- The unit should be connected to a 12 V DC power supply with a minus ground connection.
- Do not open enclosures, such as the front panel, top or bottom covers.
- Do not place the unit, where it will be exposed to direct sunlight or near heating devices.
- Do not expose the unit to water.
- Do not place the unit in areas of excessive dust, high humidity or on unstable surfaces.

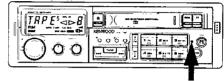
This unit is equipped with a theft deterrent faceplate. To prevent damage to the faceplate and case, it is important to observe the following precautions.

- The faceplate and case may become deformed or damaged if subjected to high temperatures for an extended period. Do not place the faceplate or case in direct sunlight or near a source of heat
- Do not expose the faceplate or case to water.
- The faceplate is a precision component and may become damaged if struck by a hard object, dropped onto a hard surface, stepped on, or subjected to any other type of shock. If a shock is applied while the faceplate is in the case, the case may open causing the faceplate to fly out and become damaged.
- Do not touch the faceplate terminal or faceplate mount terminal with your fingers.



NOTE

- If you have difficulty in installing the set in your car, please contact your KENWOOD dealer.
- If your set malfunctions or operates abnormally, first press the Reset button. If the malfunction persists, leave the set as it is and please call your KENWOOD dealer.



Reset button

Notes on handling tape

- Before loading a cassette, check the tape for slack. If there is slack tape, remove it by using a pencil to turn one of the spools in the cassette shell.
 - Playing a slack tape in the deck can cause the tape to become wound around the pinch roller. This is just one of many problems that can result.
- Do not expose a cassette tape to direct sunlight. Leaving a cassette tape in a place where the temperature and humidity are high can deform the cassette shell and the tape itself. Do not use such tapes in your unit as it may not be possible to eject them.
- A 120-minute tape is very thin and its use should be avoided as it can easily become twisted around the pinch roller.

CARE AND MAINTENANCE

Cleaning

- 1. Turn the power off, before cleaning the unit.
- Wipe the front panel and other exterior surfaces of the unit with a soft dry cloth or a soft cloth lightly moistened with a neutral detergent.

▲ CAUTION

 Do not use abrasive pads, thinner or benzene (or other volatile solvents) to clean the unit as this may remove indicator characters.

Head cleaning

Magnetic particles from the tape adhere to the head surface after a long period of use, resulting in noise and poor quality sound. Clean the head with a cleaning tape available at your KENWOOD dealer, following the directions in the head cleaner.

Faceplate terminal cleaning

If the faceplate terminal or faceplate mount terminal becomes dirty, wipe clean with a soft, dry cloth.

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SPECIAL FEATURES

■ Tuner section

- Seek tuning (P. 9) Automatically locates and receives stations.
- Preset station tuning (P. 13) Registers the frequency of your favorite stations in memory to allow one-touch tuning.
- Auto memory (P. 14) Automatically stores the frequency of a station that provides the best reception quality in memory. Once a station is stored, it can be accessed through preset station tuning.
- Priority radio preset (P. 15) A station can be stored in the priority memory for instant recall through a one-touch function regardless of the operating mode the tuner is in. This allows quick and easy access to station that you often listen to (e.g. news, traffic information stations, etc.).

■ Tape deck section

- Tape advance (P. 16) Allows you to go to the beginning of the track you are listening to or to search the next track.
- Tuner call (P. 17) Allows you to listen to the tuner during tape rewind or fast forward.

CD auto changer control section

- CD auto changer control (P. 18~23) This device allows you to control the CD auto changer.
- Random play (P. 20) Allows you to listen to the tracks of a compact disc in random order.
- Track repeat (P. 21) Repeats playback of a CD track.

• Track scan (P. 22)

Plays back short snatches of each track on a CD starting from the beginning. This is a convenient feature when searching for a track vou would like to listen to.

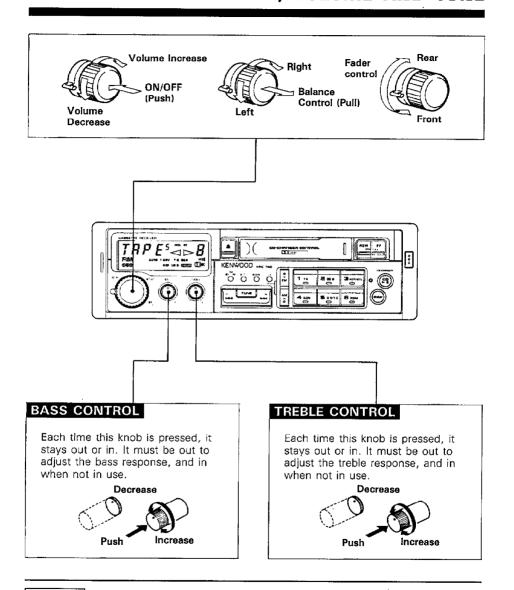
Disc scan (P. 23)

Plays the first part of each disc in the CD magazine in sequence. This function is useful when you cannot remember the disc number of the CD you want to listen to or when you want to find out what CDs are loaded in the disc magazione.

■ Useful features

- Clock indicator (P. 24) Displays the time in the display window.
- Selectable illumination (P. 25) The color of illumination can be switched between green and orange.
- Theft deterrent faceplate (P. 26) When you leave the car, you can easily take the faceplate with you. This helps you to prevent theft,
- Automatic illumination Connected the Automatic illumination control lead, during the power is OFF, turning ON the car's light control the illumination light up.

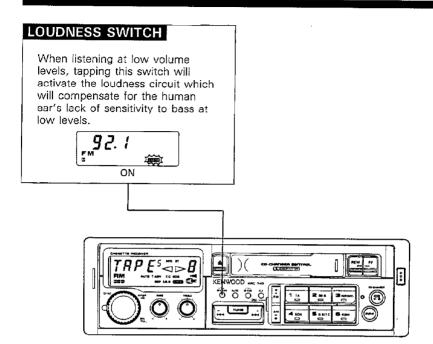
POWER, VOLUME AND TONE



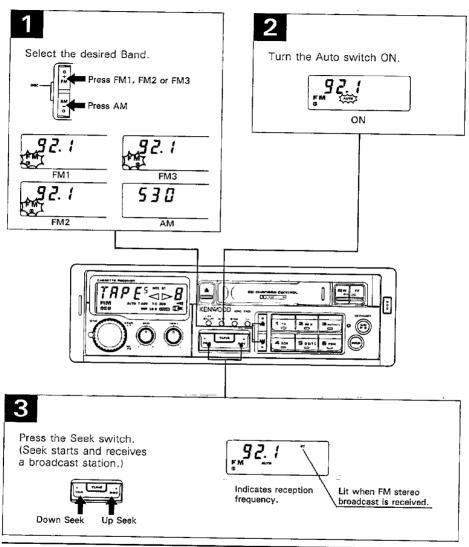
NOTE

- Turning the power ON automatically turns this unit to the same mode before turning OFF the power.
- Perform the following operation with the power ON.

LOUDNESS



SEEK TUNING



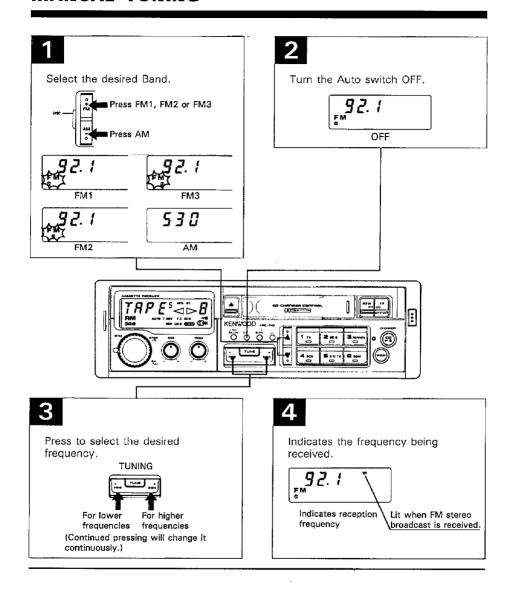




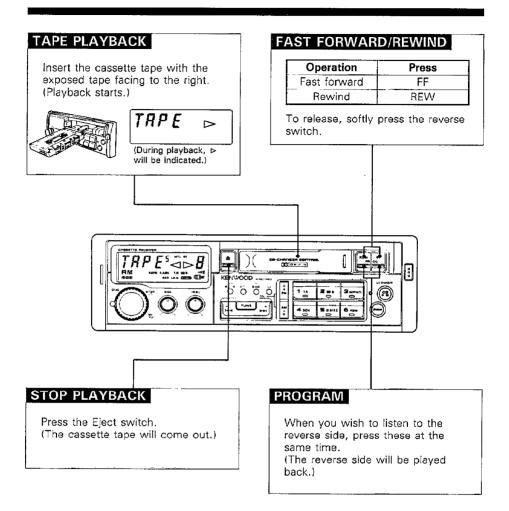


 If the Local seek switch is turned ON during SEEK TUNING and AUTO MEMORY, it will stop at stations only with satisfactory reception conditions.

MANUAL TUNING



TAPE PLAYBACK



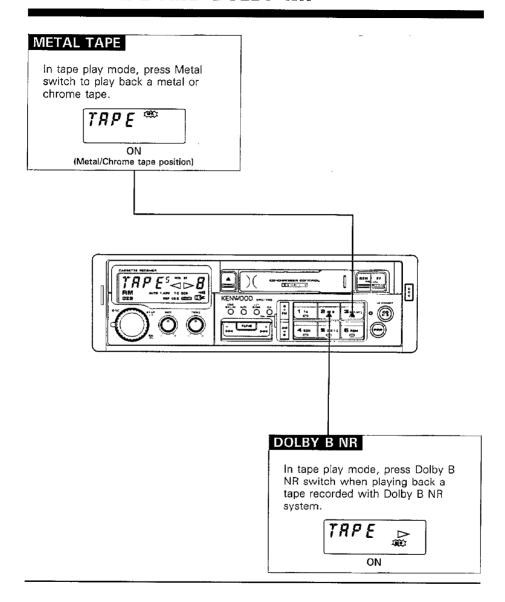
< Playback side>

When inserted with the side A up.

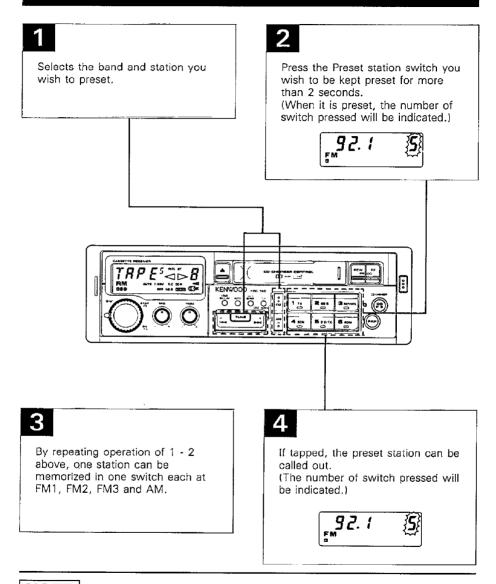
Indicator	Playback side
>	Side A
∢	Side B

This will be reversed when inserted with the side B up.

METAL TAPE AND DOLBY NR



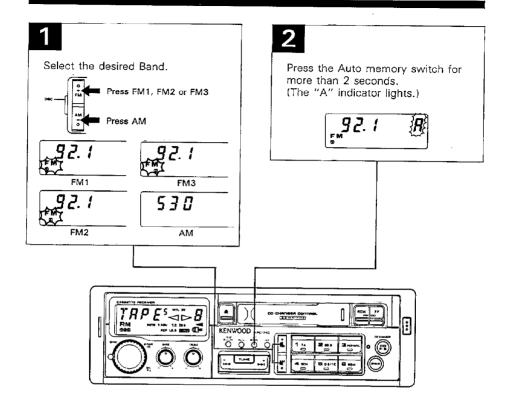
PRESET STATION TUNING



NOTE

 If preset is to be made anew on the switch already preset, what was preset before will be replaced with what is to be preset.

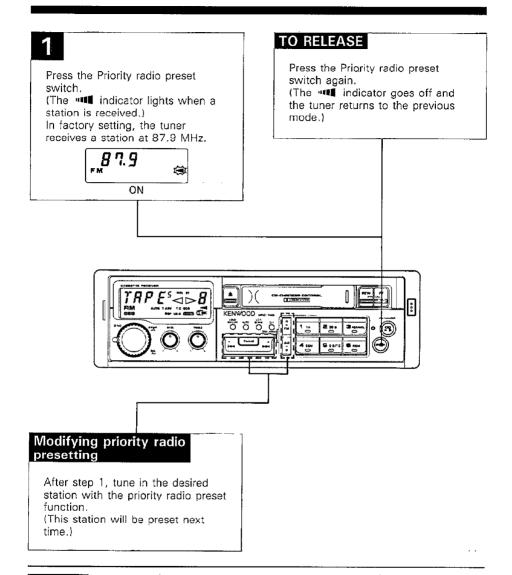
AUTO MEMORY



The selected band is automatically scanned and 6 stations are memorized. When 6 stations are memorized, the AUTO MEMORY function is automatically released.

The station last stored in memory is received.

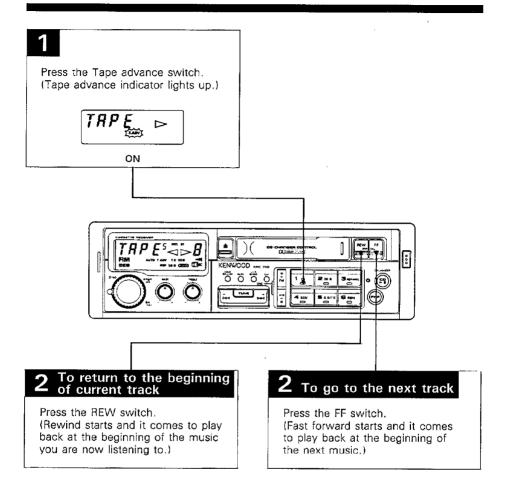
PRIORITY RADIO PRESET



NOTE

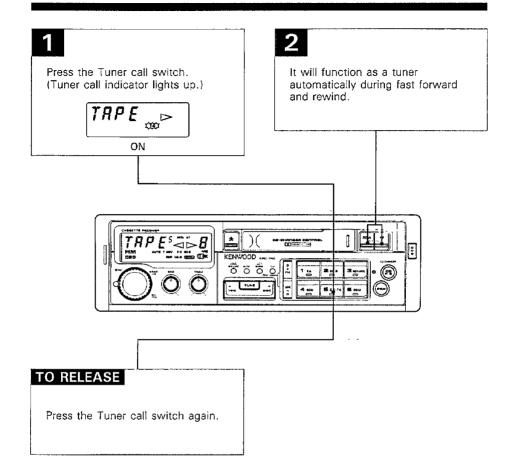
- Both seek tuning and manual tuning can be used in PRIORITY RADIO PRESET mode.
- Tape play or CD play automatically releases the PRIORITY RADIO PRESET mode.

TAPE ADVANCE

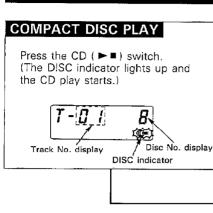


NOTE

- Please note that in case of the following tapes, sometimes the TAPE ADVANCE does not function properly.
 - When an interval between the music is less than 5 seconds.
 - When a recorded portion of the low sound volume continues for more than 5 seconds.



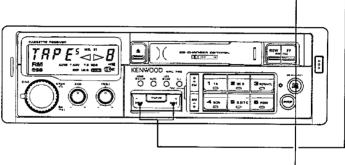
COMPACT DISC PLAY



AHEAD/BACKWARD (at high speed)

Operation	Press
Ahead	►► and hold.
Backward	I◄◄ and hold.

The Ahead/Backward play is released as soon as the finger is removed from the switch.



TO STOP CD PLAY

Press the CD (►■) switch. (The DISC indicator disappears and the CD play stops.)

NOTE

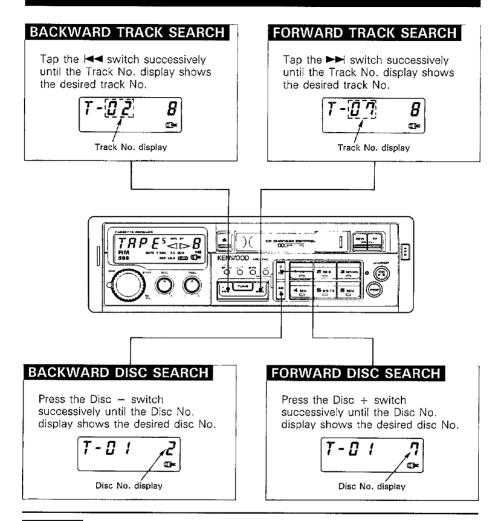
At the end of the disc

When disc reaches the end of the last selection of the next disc starts automatically.
 At the end of the last disc, the unit will go back to the beginning of the first disc, and the play will restart.

To playback a tape

 To playback a tape during CD play, first, stop the CD play, then, put a tape into place.

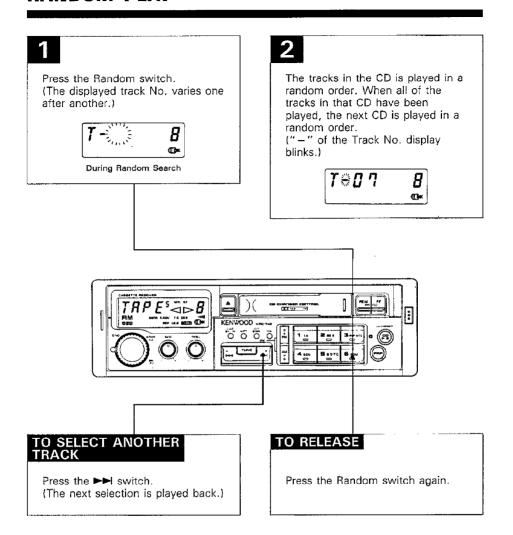
TRACK/DISC SEARCH



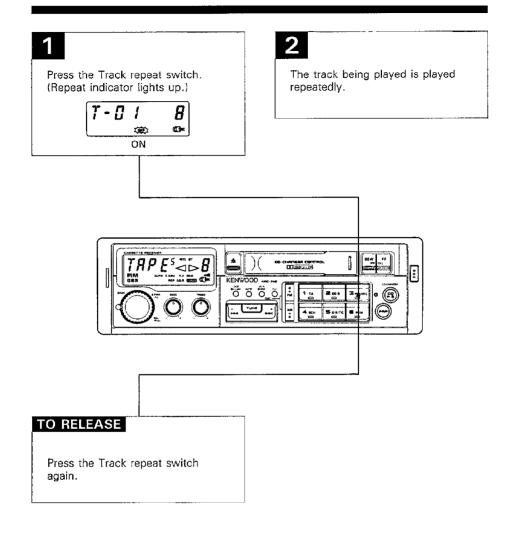
NOTE

- If BACKWARD TRACK SEARCH is initiated while track No. 1 is being played, the play position always returns to the beginning of track No. 1 and other tracks cannot be searched
- If FORWARD TRACK SEARCH is initiated while the last track of a disc is being played, no operation takes place.
- The Disc No. display of No. 10 Disc is "0".

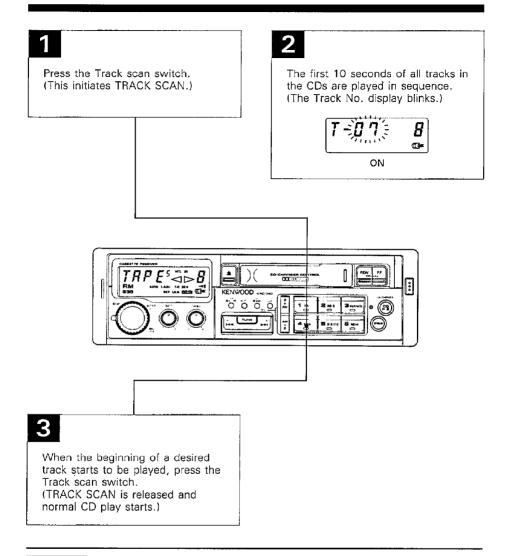
RANDOM PLAY



TRACK REPEAT

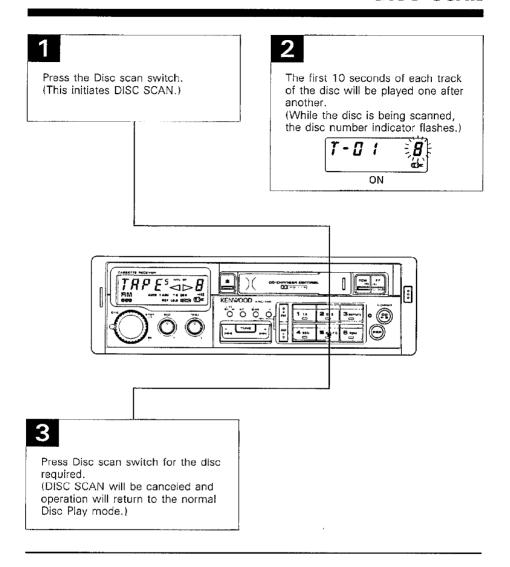


TRACK SCAN



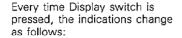
NOTE

• Track scan plays the beginnings of all tracks in a disc repeatedly.



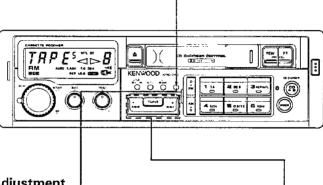
CLOCK INDICATION

■ Change-over of indication





Mode Tuner	Indications Received frequency ⇔ Time	
CD- changer	Track number ⇔ Time	



■ Clock Adjustment

Keep on pressing Display switch. (Then, make sure that clock indication is present.)

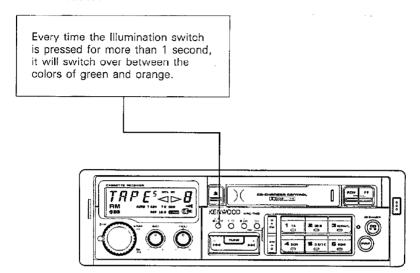
Adjust "Hour" with I◄ switch and "Minute" with >> switch while continuing the operation in 1.

NOTE

• Hours digit increases when the minutes changes from 59 to 00.

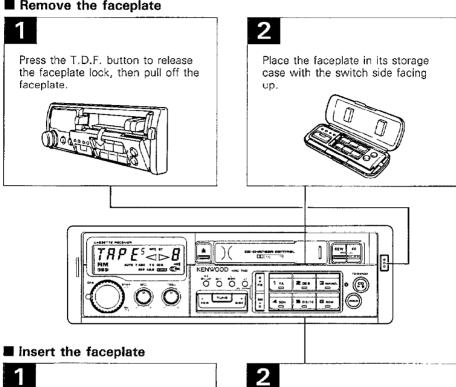
SELECTABLE ILLUMINATION

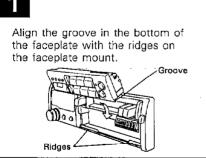
■ Illuminations can be changed to fit the type of car or to suit your own taste.

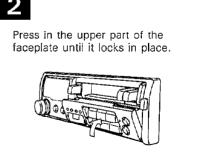


THEFT DETERRENT FACEPLATE

■ Remove the faceplate







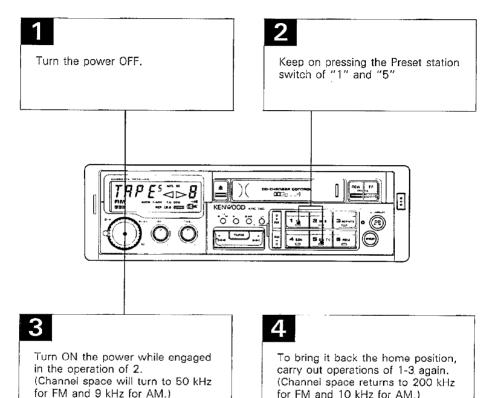
NOTE

Disabled system indicator

This unit is equipped with a Disabled system indicator function to deter theft. This indicator can be turned on/off by turning the power on while simultaneously pressing preset station switches "1" and "3".

CHANNEL SPACE SELECTION

■ The KRC-740 has a channel space select function. Two spacing frequencies are available for both FM and AM. 200 kHz or 50 kHz for FM, and 10 kHz or 9 kHz for AM.



NOTE

- When the channel space is changed, the memorized contents are erased.
- The channel space selection is not used in United States or Canada.

ACCESSORIES

Part name	External View	Number of units
Mounting sleeve	TO THE STATE OF TH	1
Power connection cord		1
Metal mounting strap	696569556655556	1
Removal bracket		1
Washer assembly screw (M4 $ imes$ 8)		1
Machine screw (M5×6)		4

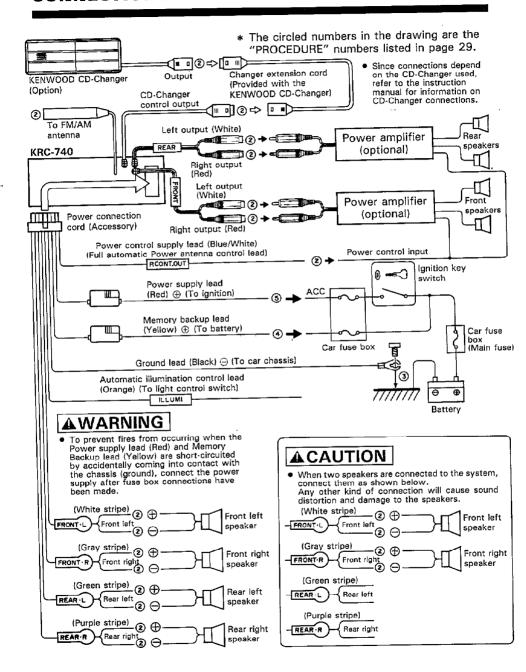
PROCEDURE

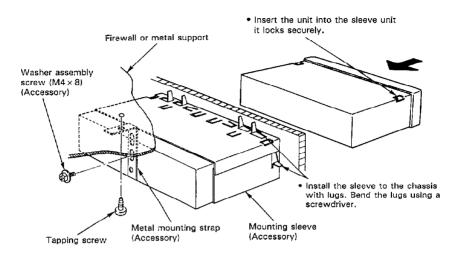
- (1) Before installation and wiring, remove the (2) terminal of the battery to prevent shortcircuitina.
- (2) Connect the input and output cords of the system. (CT P. 30)
- (3) Connect the Ground lead (Black) to the metal chassis of the car. (CTP. 30)
- (4) Connect the Memory backup lead (Yellow). (CTP, 30)
- (5) Connect the Power supply lead (Red). (CP P. 30)
- (6) Install the unit in the car. (CP P. 31)
- (7) Connect the negative (2) terminal of the disconnected battery.
- (8) After installation, surely press the Reset button.

▲ CAUTION

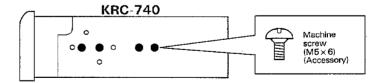
- A short-circuit may be the cause of blown fuse. A short-circuit is a serious problem. that can lead to a fire. Check the wiring and rewire if any wires are short-circuited. After this (or if no short-circuits are found), replace the fuse with one having the same capacity (see indication in fuse box).
- Make sure that unconnected wires and connectors are not in contact with the live chassis (ground) of the car to prevent noise and current from entering the system which can cause it to malfunction or damage the unit. For the same reason, caps on connectors that are not used should not be removed.
- This product is equipped with a BTL (Balanced Transformer Less) system to provide more power. In a BTL system, different speaker terminals must not be connected or shared as this will cause distortion or damage to the speakers. The output terminals of two or more speakers must under no circumstances be joined or connected to the chassis (ground) of the car.

CONNECTIONS



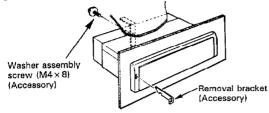


■ To install in the Japanese car, fix using the 2 of the holes indicated with • with Machine screw (M5 x 6) (Accessory).

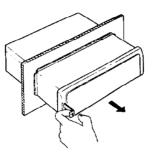


INSTALLATION

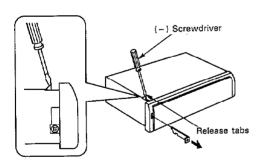
[How to remove the KRC-740]



1. Remove the Washer assembly screw (M4 x 8) retaining the back panel of the KRC-740. Then, insert removal bracket into the hole.



2. Pull out the removal bracket by hooking the fingers simultaneously.



3. To release the removal bracket, use a screwdriver to press down the release tabs on the side of the chassis and pull the removal brackets.

TROUBLESHOOTING GUIDE

What often appears to be a malfunction is often due to user error in operation or connection. When trouble occurs with your unit, please check the following before calling for service.

Symptom	Cause	Remedy
No sound one channel	The balance/fader control is extremely rotated to one side.	Adjust the balance/fader control.
Poor reception	The antenna is not extended.	Extend the antenna.
Tonal quality is inferior. Tape creaks.	Head is stained.	Carry out head cleaning.

■ When the KENWOOD CD-changer is connected:

Symptom	Cause	Remedy
CD play does not start.	Power switch is not turned ON.	Turn the power switch ON, then press the CD switch.
The specified disc is not played and the next disc is played.	 The specified disc is too dirty. The disc is placed upside down. Two discs are set in the same position. The specified disc is placed in a position with a different number. The disc is damaged or scratched seriously. 	1. Clean the disc. 2. Eject the magazine and reinsert the disc correctly. 3. Eject the magazine and set each disc correctly. 4. Eject the magazine to check the disc number and the position number, then specify again. 5. Play other discs.
No sound is output while the changer indicator is shown.	1. Volume is set to the minimum level. 2. The incorporated microcomputer is not operating correctly. 3. System connections are made imperfectly (power cord, connection of pre-out jacks, or speaker connections, etc.).	Increase the volume level. Press the Reset button of this unit. Check the connections according to the instruction manual. If anything is wrong, reconnect it correctly.
Even when the required track is specified track is not played or the player does not function.	The player is set to random play.	Release random play.

TROUBLESHOOTING GUIDE

Other than the previous, this unit displays various error indications to show the following messages.

E-01: No disc magazine in the changer, or the magazine is not set completely.

E-02: No discs in the disc magazine.

E-04: Disc is too dirty.

Condensation has occurred on the disc, or water drops are on the disc. Disc is set upside down.

E-99: Operation incorrect due to something being defective.

Press the Reset button on this unit. If the "E-99" indication does not disappear with this operation, consult your nearest KENWOOD Service Agent.

E-0d: ■ When the temperature exceeds 60°C, the protection circuit is engaged to stop any operation. At this time, this indication will appear.

 Open a window or turn the air-conditioner ON to lower the temperature. After a while, this indication will go out.

 This indication also appears for several seconds when making connections, or when the Reset button is pressed.

load: This indication appears while a disc is being changed inside the changer.

CAUTION: Random play, Track repeat or Track/Disc scan cannot be initiated while the load indication is displayed.

 When no indicator appears in this unit and only illumination appears, the cable connector may nearly be disconnected.

SPECIFICATIONS

Specifications subject to change without notice.

FM Tuner Section
Frequency Range (200 kHz space)
(50 kHz space)87.5 MHz \sim 108.0 MHzUsable Sensitivity12.0 dBf (1.1 μ V/75 ohms)50 dB Quieting Sensitivity15.2 dBf (1.6 μ V/75 ohms)Frequency Response (\pm 3 dB)30 Hz \sim 15 kHzSignal to Noise Ratio73 dBSelectivity100 dB
Capture Ratio 1.5 dB Image Response Ratio 70 dB IF Response Ratio 120 dB Stereo Separation (1 kHz) 40 dB
AM Tuner Section
Frequency Range (10 kHz space) 530 kHz~1,700 kHz (9 kHz space) 531 kHz~1,611 kHz Usable Sensitivity 28 dB (30 µV)
Cassette Deck Section
Tape Speed. 4.76 cm/sec Wow & Flutter (WRMS) 0.12% (WRMS) Fast Winding Time (C-60) 100 sec Frequency Response (120 μs) 30 Hz~16 kHz (±3 dB) (70 μs) 30 Hz~18 kHz (±3 dB) Stereo Separation (1 kHz) 43 dB Signal to Noise Ratio (Dolby NR OFF) 56 dB {Dolby-B NR ON} 65 dB
Audio Section
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Preout level/load
General
$ \begin{array}{llllllllllllllllllllllllllllllllllll$
Weight

KENWOOD