

CASSETTE-RECEIVER

**KRC-640**

**KRC-540**

---

## 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 - 640/540 Serial number \_\_\_\_\_

**KENWOOD**

# SAFETY PRECAUTIONS

## **▲WARNING**

**Observe the following instructions to prevent fires and personal injury.**

- Press in the unit until it is locked in position in the detachable case. This prevents it from being dislodged in the event of an accident, which can lead to further personal injury.
- When the power supply lead, memory backup lead or the ground lead are extended, use a 0.75mm<sup>2</sup> (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 short-circuiting and fires.
- If smoke comes out of the unit or 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.

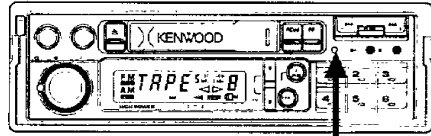
## **▲CAUTION**

**Heed the following instructions to keep the unit in proper working order.**

- The unit should be connected to a 12 VDC 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.

## **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 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.

## **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.

# CARE AND MAINTENANCE

## CLEANING

1. Turn the power off the unit before cleaning the unit.
2. 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**

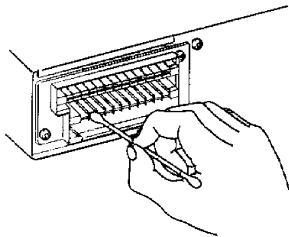
- Do not use abrasive pads, thinner or benzene (or other volatile solvents) to clean the unit as this may remove indicator characters.

## 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 direction in the head cleaner.

## Rear connector cleaning

The connection at the rear sometimes will require cleaning. Periodically wipe the connector with a cloth moistened with alcohol as shown below.



## Memory backup battery

This unit has a built-in backup battery to store the memory contents. The backup battery service life is about 7 years in normal use. (But it will be shorter than 7 years according to the operating condition.)

If the backup battery run down, please contact your KENWOOD dealer or authorized service center. If the guarantee period is over, we replace it with charge.

# TABLE OF CONTENTS

---

	Page
<b>■ Introduction</b>	
SPECIAL FEATURES .....	5
<b>■ Your new Cassette - receiver</b>	
POWER, VOLUME AND TONE .....	6
SEEK TUNING .....	7
MANUAL TUNING .....	8
TAPE PLAYBACK .....	9
METAL TAPE AND DOLBY NR .....	10
<b>■ Special Tuner features</b>	
PRESET STATION TUNING .....	11
AUTO MEMORY .....	12
PRIORITY RADIO PRESET .....	13
<b>■ Special Tape deck feature</b>	
TAPE ADVANCE .....	14
<b>■ Playing the CD auto changer</b>	
COMPACT DISC PLAY .....	15
TRACK/DISC SEARCH .....	16
<b>■ Special CD auto changer features</b>	
RANDOM PLAY .....	17
TRACK REPEAT .....	18
TRACK SCAN .....	19
<b>■ Useful features</b>	
INSERTION/REMOVAL OF UNIT .....	20
CHANNEL SPACE SELECTION .....	21
<b>■ Installation</b>	
ACCESSORIES AND PROCEDURE .....	22
CONNECTIONS .....	23
INSTALLATION .....	24
<b>■ TROUBLESHOOTING GUIDE</b> .....	25
<b>■ SPECIFICATIONS</b> .....	27

Doiby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

"DOLBY" and the double - D symbol are trademarks of Dolby Laboratories Licensing Corporation.

## ■ Tuner section

- **Seek tuning (P.7)**  
Automatically locates and receives stations.
- **Preset station tuning (P.11)**  
Registers the frequency of your favorite stations in memory to allow one-touch tuning.
- **Auto memory (P.12)**  
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.13)**  
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 stations that you often listen to (e.g. news, traffic information stations, etc.).

## ■ Tape deck section

- **Tape advance (P.14/KRC-640 only)**  
Allows you to go to the beginning of the track you are listening to or to search the next track.
- **Tuner call (P.9/KRC - 640 only)**  
Allows you to listen to the tuner during tape rewind or fast forward.

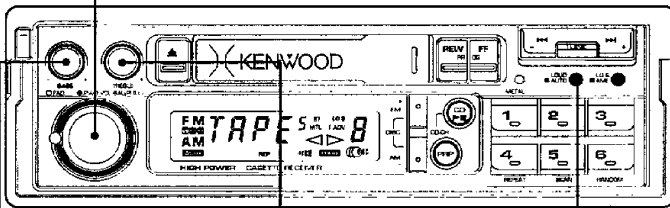
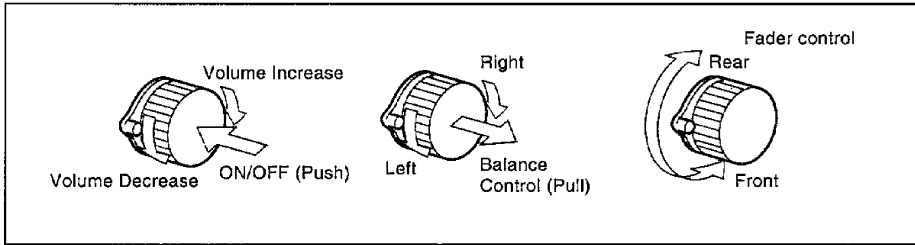
## ■ CD auto changer control section

- **CD auto changer control (P.15–19)**  
This device allows you to control the CD auto changer.
- **Random play (P.17)**  
Allows you to listen to the tracks of a compact disk in random order.
- **Track repeat (P.18)**  
Repeats playback of a CD track.
- **Track scan (P.19)**  
Plays back short snatches of each track on a CD starting from the beginning. This is a convenient feature when searching for a track you would like to listen to.

## ■ Useful features

- **Theft prevention chassis (P.20)**  
When you leave the car, you can easily take the unit with you. This helps you to prevent theft.
- **Channel space selection (P.21)**  
Allows you to switch the channel space between FM: 200 kHz/AM: 10 kHz and FM: 50 kHz/AM: 9 kHz.

# POWER, VOLUME AND TONE



**BASS CONTROL**

Decrease

Increase

**TREBLE CONTROL**

Decrease

Increase

**LOUDNESS SWITCH**

When listening at low volume levels, tapping this switch will activate the loudness circuit which will compensate for the human ear's lack of sensitivity to bass at low levels.

ON

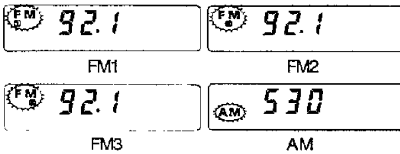
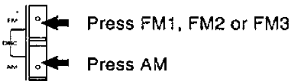
## NOTE

- 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.

# SEEK TUNING

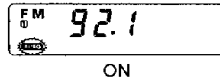
## 1

Select the desired Band.

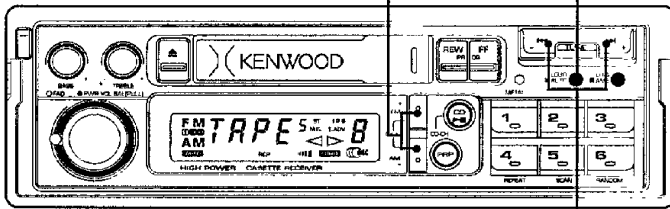


## 2

Turn the Auto switch ON.  
(Each time the Auto switch is kept pressed for more than 2 seconds, the Auto mode is changed between ON and OFF.)

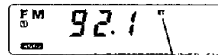


ON



## 3

Press the Seek switch.  
(Seek starts and receives a broadcast station is tuned in.)

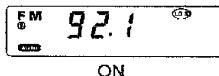
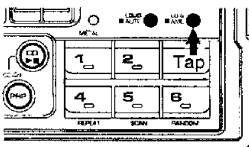


Indicates reception frequency. Lit when stereo broadcast is received.



Down seek      Up seek

### <Local tuning>



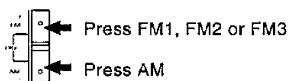
ON

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

# MANUAL TUNING

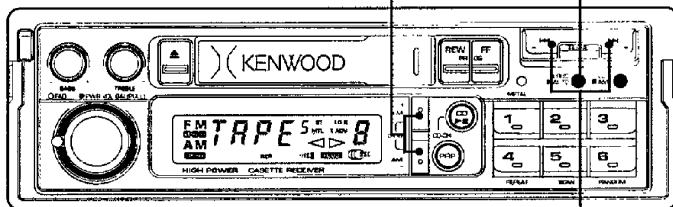
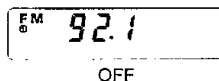
## 1

Select the desired Band.



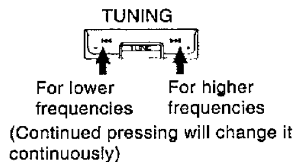
## 2

Turn the Auto switch OFF.  
(Each time the Auto switch is kept pressed for more than 2 seconds, the Auto mode is changed between ON and OFF.)



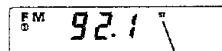
## 3

Press to select the desired frequency.



## 4

Indicates the frequency being received.



Indicates reception frequency.

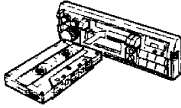
Lit when stereo broadcast is received.



# TAPE PLAYBACK

## TAPE PLAYBACK

Insert a cassette tape with the exposed tape facing to the right.  
(Playback starts.)

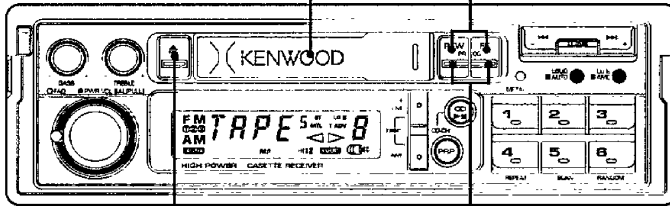


**TAPE** ▷  
(During playback, ▷ will be indicated.)

## FAST FORWARD/REWIND

Operation	Press
Fast forward	FF
Rewind	REW

To release, softly press the reverse switch.



## STOP PLAYBACK

Press the Eject switch.  
(The cassette tape will come out.)

## PROGRAM

When you wish to listen to the reverse side, press these at the same time.  
(The reverse side will be played back.)

### <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.

### ■ Function of the KRC - 640

#### <Tuner Call>

During fast forward or rewind operation, the tuner can be heard.  
(In the TAPE ADVANCE function mode, the tuner cannot be heard.)

# METAL TAPE AND DOLBY NR

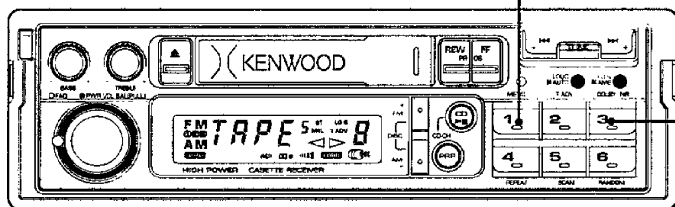
## METAL TAPE

In tape play mode, press Metal switch to play back a metal or chrome tape.

TAPE 

ON

(Metal/Chrome  
tape position)



## ■ Functions of the KRC-640

### DOLBY B NR

In tape play mode, press Dolby B NR switch when playing back a tape recorded with Dolby B NR system.

TAPE 

ON

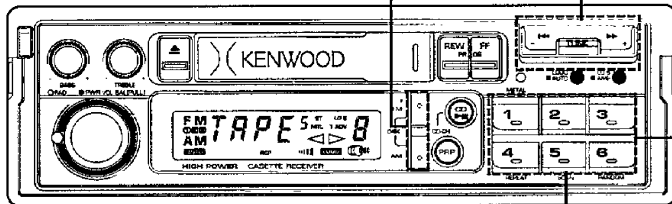
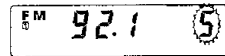
# PRESET STATION TUNING

**1**

Selects the band and station you wish to preset.

**2**

Press the Preset station switch you wish to be kept preset for more than 2 seconds.  
(When it is pressed, the number of switch pressed will be indicated.)

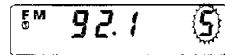


**3**

By repeating operation of 1-2 above, one station can be memorized in one switch each at FM1, FM2, FM3 and AM.

**4**

If tapped, the preset station can be called out.  
(The number of switch pressed will be indicated.)



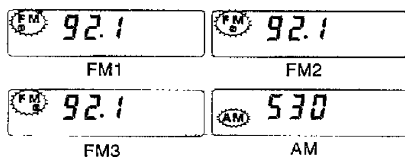
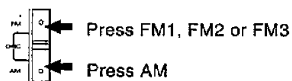
## NOTE

- 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

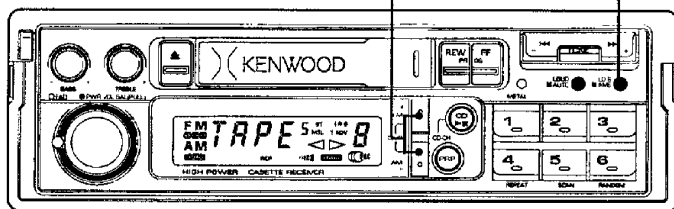
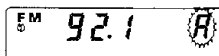
1

Select the desired Band.



2

Press the Auto memory switch for more than 2 seconds. (The "A" indicator lights.)



3

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

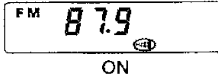
4

The station last stored in memory is received.

# PRIORITY RADIO PRESET

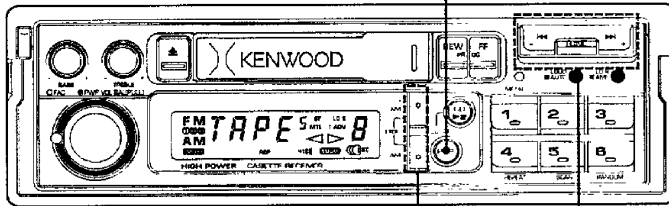
**1**

Press the Priority radio preset switch.  
(The **PR** indicator lights when a station is received.)  
In factory setting, the tuner receives a station at 87.9 MHz.



## TO RELEASE

Press the Priority radio preset switch again.  
(The **PR** indicator goes off and the tuner returns to the previous mode.)



## Modifying priority Radio Presetting

After step 1, tune in the desired station with the priority radio preset function.  
(This station will be preset next time.)

## NOTE

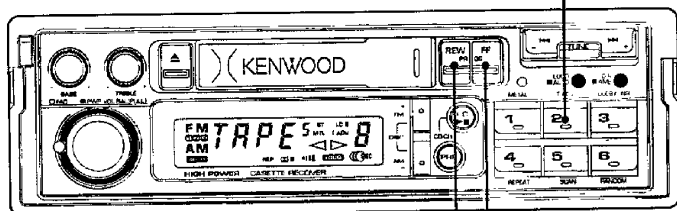
- Both seek tuning and manual tuning can be used in priority radio preset mode.
- Tape play or CD play automatically releases the priority radio preset mode.

# TAPE ADVANCE

## ■ Functions of the KRC - 640

**1**

Press the Tape advance switch.  
(Tape advance indicator lights.)



### **2 To return to the beginning of current track**

Press the REW switch.  
(Rewind starts and it comes to play back at the beginning of the music you are now listening to.)

### **2 To go to the next track**

Press the FF switch.  
(Fast forward starts and it comes to play back at the beginning of the next music.)

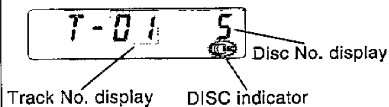
## **NOTE**

- 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

## COMPACT DISC PLAY

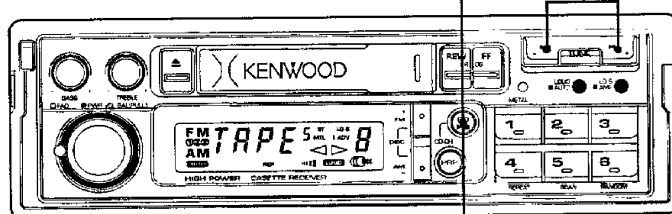
Press the CD (▶■) switch.  
(The DISC indicator lights up and  
the CD play starts.)



## AHEAD/BACKWARD (at high speed)

Operation	Press
Ahead	▶▶ and hold
Backward	◀◀ 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 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

## BACKWARD TRACK SEARCH

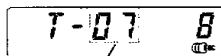
Tap the ◀ switch successively until the Track No. display shows the desired track No..



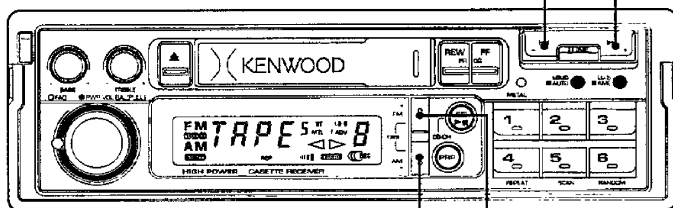
Track No. display

## FORWARD TRACK SEARCH

Tap the ▶ switch successively until the Track No. display shows the desired track No..

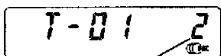


Track No. display



## BACKWARD DISC SEARCH

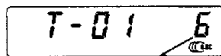
Press the Disc - switch successively until the Disc No. display shows the desired disc No..



Disc No. display

## FORWARD DISC SEARCH

Press the Disc + switch successively until the Disc No. display shows the desired disc No..



Disc No. display

## 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

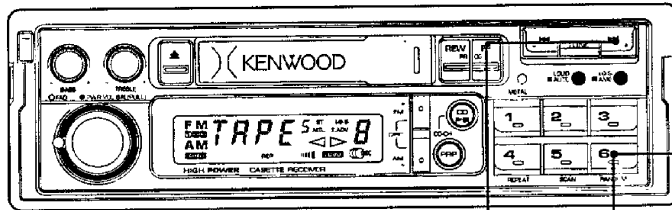
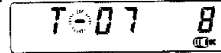
1

Press the Random switch.  
(The displayed track No. vary one after another.)



2

The tracks in the CD is played in a random order. When all of the tracks in that CD have been played, the next CD is played in a random order.  
("—" of the track No. display blinks.)



## TO SELECT ANOTHER TRACK

Press the ►► switch.  
(The next selection is played back.)

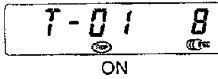
## TO RELEASE

Press the Random switch again.

# TRACK REPEAT

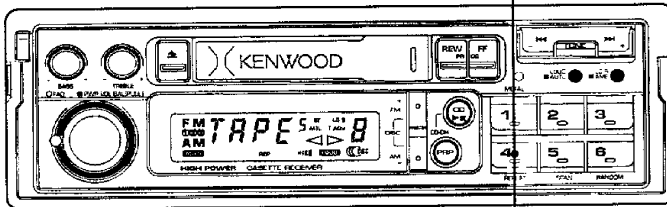
**1**

Press the Track repeat switch.  
(Repeat indicator light up.)



**2**

The track being played is played repeatedly.



## TO RELEASE

Press the Track repeat switch  
again.

## NOTE

- Ahead/Backward CD Play (at high speed) cannot be initiated during Track repeat.

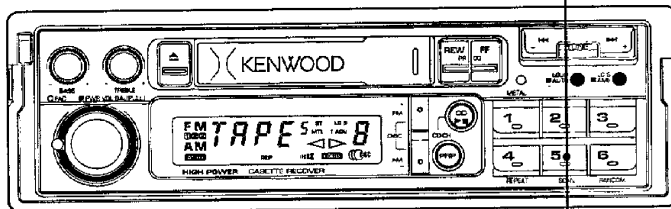
# TRACK SCAN

**1**

Press the Track scan switch.  
(This initiates TRACK SCAN.)

**2**

The first 10 seconds of all tracks in  
the CDs are played in sequence.  
(Track No. display blinks.)



**3**

When the beginning of a desired  
track starts to be played, press the  
Track scan switch.  
(TRACK SCAN is released and  
normal CD play starts.)

## NOTE

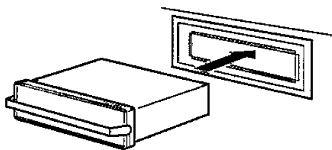
- Track scan plays the beginnings of all tracks in a disc repeatedly.

# INSERTION/REMOVAL OF UNIT

## ■ Insert the unit

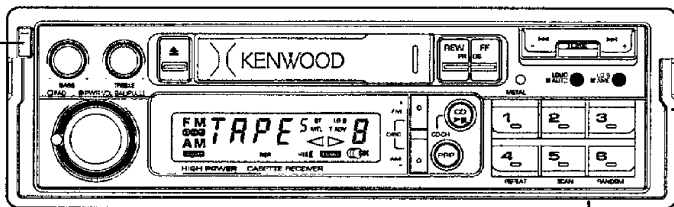
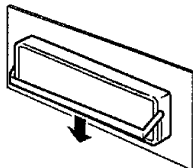
1

Insert the unit into the detachable case.



2

Lower the handle down to the bottom.



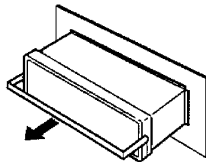
## ■ Remove the unit

1

Press the T.P.C. button.  
Lift the handle.  
(The handle lock is released.)

2

Hold the handle and pull it out.



## ▲ CAUTION

- Be sure to eject the cassette tape before removing the unit.

# CHANNEL SPACE SELECTION

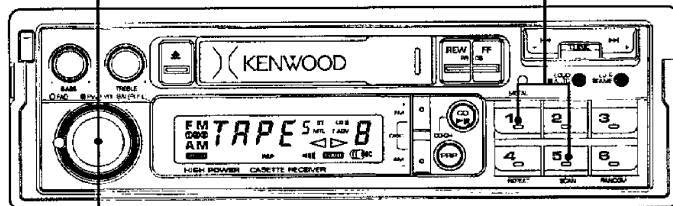
- The KRC - 640/540 has a channel space select function. Two spacing frequencies are available for both FM and AM, 200kHz or 50kHz for FM, and 10kHz or 9kHz for AM.

**1**

Turn the power OFF.

**2**

Keep on pressing the Preset station switch of "1" and "5".



**3**

Turn ON the power while engaged in the operation of 2.  
(Channel space will turn to 50kHz for FM and 9kHz for AM.)

**4**

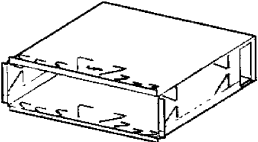
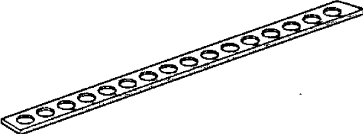


To bring it back the home position, carry out operations of 1 - 3 again.  
(Channel space returns to 200kHz for FM and 10kHz for AM.)

## 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 AND PROCEDURES

## ■ ACCESSORIES

Part name	External View	Number of units
Detachable case		1
Metal mounting strap		1
Hex. bolt (M5x20)		1
Hex. nut (M5)		2

## ■ PROCEDURES

- ① Before installation and wiring, remove the  $\ominus$  terminal of the battery to prevent short-circuiting.
- ② Connect the input and output cords of the system. (P.23)
- ③ Connect the Ground lead (Black) to the metal chassis of the car. (P.23)
- ④ Connect the Memory backup lead (Yellow). (P.23)
- ⑤ Connect the Power supply lead (Red). (P.23)
- ⑥ Install the Detachable case. (P.24)
- ⑦ Connect the negative terminal of the disconnected battery.
- ⑧ Place the unit in the detachable case.(P.20)
- ⑨ After installation, surely press the Reset button.

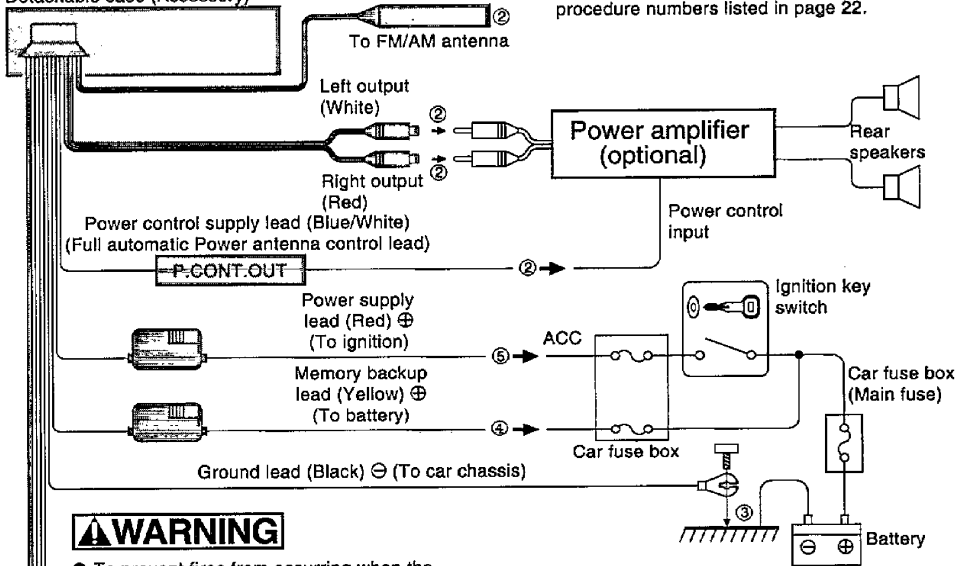
## **▲ CAUTION**

- A short-circuit may be the cause of a 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.

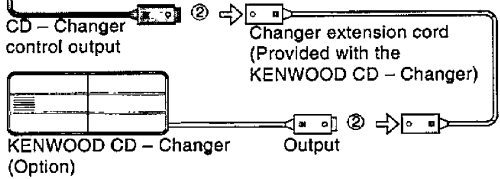
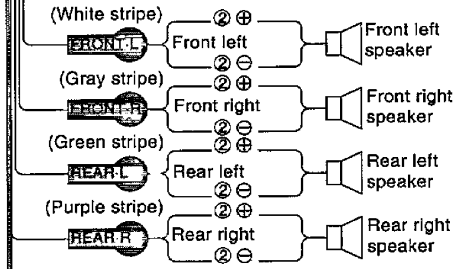
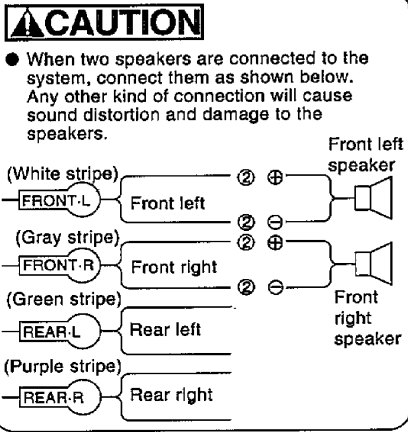
# CONNECTIONS

Detachable case (Accessory)

\* The circled numbers in the drawing are the procedure numbers listed in page 22.



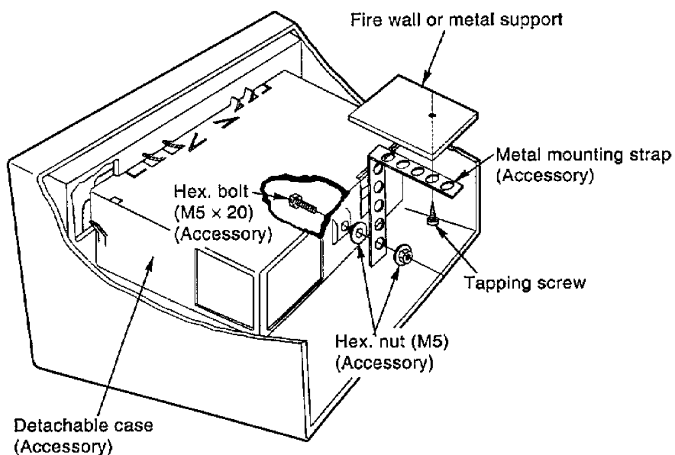
- ⚠ WARNING**
- To prevent fires from occurring when the red power supply lead and the yellow memory backup lead are short-circuited by accidentally coming into contact with the chassis (ground), connect the power supply after fuse box connections have been made.



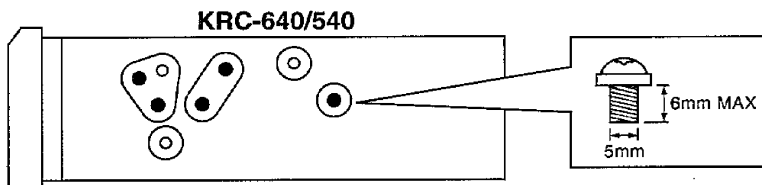
- Since connections depend on the CD-changer used, refer to the instruction manual for information on CD-changer connections.

# INSTALLATION

- ⑥ Insert the Detachable case into the console and clamp with the claws. If the detachable case cannot be inserted, cut off the console with a file.



- To install in the Japanese car, fit using the 2 of the holes indicated with ● with TP screw (M5).



## NOTE

- If an "ELECTRONIC CHASSIS LOCK" (optional) is to be used with this unit, then, buy a "CK-50A".



# 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.	Head is stained.	Carry out head cleaning.
Tape creaks.		

## ■ 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.	<ol style="list-style-type: none"> <li>1. The specified disc is too dirty.</li> <li>2. The disc placed upside down.</li> <li>3. Two discs are set in the same position.</li> <li>4. The specified disc is placed in a position with a different number.</li> <li>5. The disc is damaged or scratched seriously.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean the disc.</li> <li>2. Eject the magazine and reinsert the disc correctly.</li> <li>3. Eject the magazine and set each disc correctly.</li> <li>4. Eject the magazine to check the disc number and the position number, then specify again.</li> <li>5. Play other discs.</li> </ol>
No sound is output while the changer indicator is shown.	<ol style="list-style-type: none"> <li>1. Volume is set to the minimum level.</li> <li>2. The incorporated microcomputer is not operating correctly.</li> <li>3. System connections are made imperfectly (power cord, connection of pre-out jacks, or speaker connections, etc.)</li> </ol>	<ol style="list-style-type: none"> <li>1. Increase the volume level.</li> <li>2. Press the Reset button of this unit.</li> <li>3. Check the connections according to the instruction manual. If anything is wrong, reconnect it correctly.</li> </ol>
Even when the required track is specified, the 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-00:** CD – changer control output is not connected.

**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 the 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 on the air conditioner 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 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) .....	87.9MHz – 107.9 MHz
(50 kHz space) .....	87.5MHz – 108.0 MHz
Usable Sensitivity .....	12.0 dBf (1.1 $\mu$ V/75 ohms)
50dB Quieting Sensitivity .....	15.2 dBf (1.6 $\mu$ V/75 ohms)
Frequency Response ( $\pm$ 3 dB) .....	30 Hz – 15 kHz
Signal-to-Noise Ratio .....	73 dB
Selectivity .....	100 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 – 1700 kHz
(9 kHz space) .....	531 kHz – 1611 kHz
Usable Sensitivity .....	28 dB (30 $\mu$ V)

## Cassette Deck Section

Tape Speed .....	4.76 cm/sec.
Wow & Flutter .....	0.12% (WRMS)
Fast Winding Time (C – 60) .....	100 sec.
Frequency Response (120 $\mu$ s) .....	30 Hz – 14 kHz ( $\pm$ 3 dB)
(70 $\mu$ s) .....	30 Hz – 16 kHz ( $\pm$ 3dB)
Stereo Separation (1 kHz) .....	43 dB
Signal to Noise Ratio (Dolby NR OFF) .....	54 dB
(Dolby – B NR ON) (KRC-640 only) .....	63 dB

## Audio Section

Maximum Output Power .....	25 Wx2
Output Power (10%THD, 1kHz, 4ohms) .....	20 Wx2
(1%THD, 30 Hz – 20 kHz, 4ohms) .....	15 Wx2
Tone Action .....	Bass : 100 Hz $\pm$ 10 dB
	Treble : 10 kHz $\pm$ 10 dB
Preout level/load .....	1000 mV (MAX.)/10 kohms

## General

Operating Voltage .....	14.4 V (11–16 V allowable)
Current Consumption .....	6 A at Rated Power
Installation Size (WxHxD) .....	182x52x159 mm
	(7-3/16x2-1/16x6-1/4 in.)
Weight .....	2.0 kg (4.4 lb)

KENWOOD