



**Car Stereo Radio with  
Autoreverse Cassette Player**

# **OWNER'S MANUAL**

**MODEL:TCC-570/572/573**

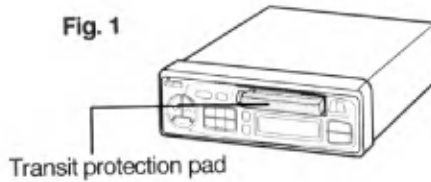
features and function of this new  
that you read this OWNER'S  
completely.



## CAUTION

- There is the transit protection pad in the cassette compartment. Be sure to remove the pad and push the eject button before operation.
- Be careful not to touch **the left side panel of the unit** when removing the unit from the installation sleeve, since it may be hot. On this side the cooling ribs are located.
- The unit is designed to operate only on 12 volt DC negative ground electrical system.
- When you replace the fuse, be sure to use a fuse of specified amperage for each wire as mentioned in chapter; Connections; Using a fuse of higher amperage may cause serious damage to the unit.

Fig. 1



Transit protection pad

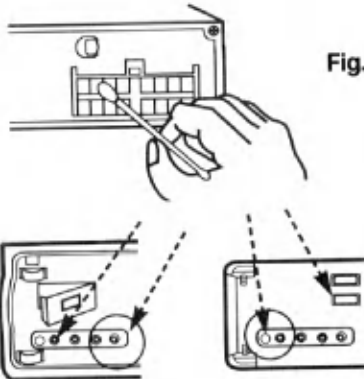


Fig. 2

- The L.E.D. at the front of the unit and at the rear of the front panel sometimes will require cleaning periodically. Wipe the L.E.D. with a dry cloth or cotton swab.
- The terminal at the front of the unit and the lug terminal at the rear of the front panel sometimes will require cleaning. Periodically wipe the terminal and lug terminal with a cloth or cotton swab moistened with alcohol as shown at left.

## RESET SWITCH

Press the RESET switch.

If your unit exhibits abnormal symptoms such as the failure of the unit to power on, the lack of operation even when buttons are pushed, or abnormal display indications press the RESET switch more than 2 seconds with a thin pointed object, such as the extraction pivot, when these symptoms appear, as well as after the completion of wiring. Since pressing the RESET switch erases all control settings, you will have to make the respective settings again afterwards. Settings are also erased when the car battery is disconnected, as when replacing the battery, thus requiring settings to be made again after reconnection of the battery.

**Note:** Press the reset switch after the connection of wiring.

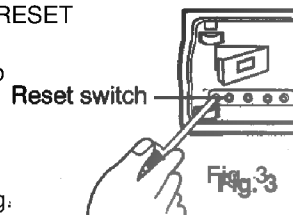
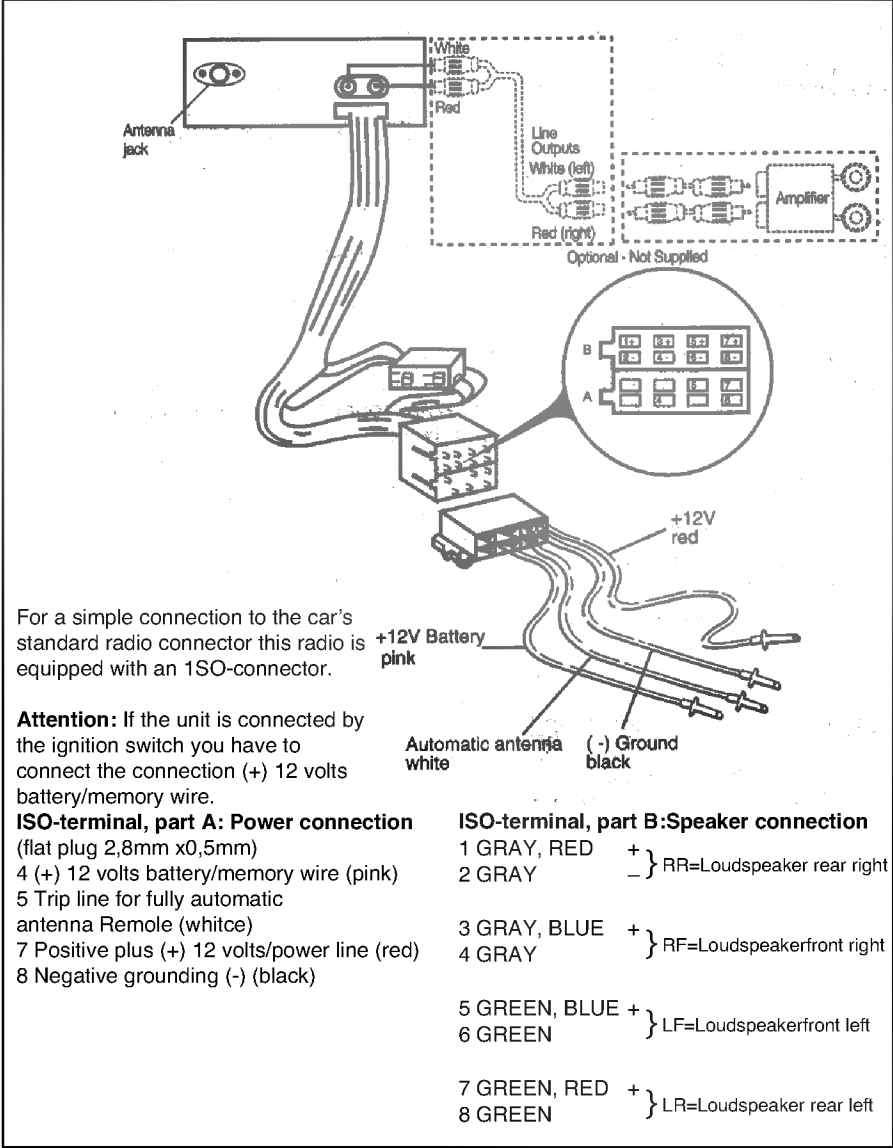


Fig. 3

# WIRE CONNECTIONS



**Fig. 4**

# INSTALLATION

1. Washer bolt
2. Spring washer
3. Plain washer
4. Tapping screw
5. Metal mounting

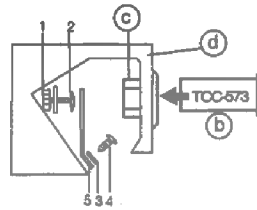


Fig. 5

## PROCEDURE (Fig. 5/6)

1. Disconnect the case DIN-Sleeve (c) from the car radio (b).
2. Insert the case DIN-Sleeve into the dashboard (d) and then fix it firmly by bending the claws with a screwdriver.
3. Connect the connector and the antenna to the car radio and slide it into the case DIN-sleeve.

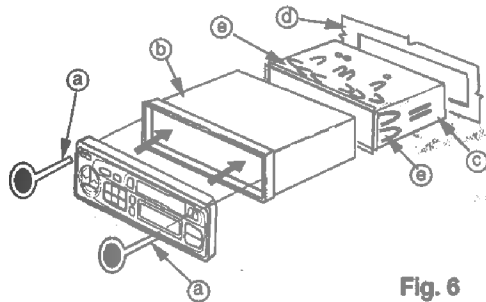


Fig. 6

## TO RELEASE THE CAR RADIO:

Insert the extraction pivot (a) as shown in Fig.7 until you fix it into the sleeve (insert the extraction pivot up slanting).

To release the car radio, pull the two pivots towards you.

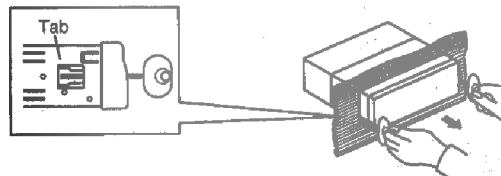


Fig. 7

## NOTES:

- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest car audio dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Do not use the front panel as a way of gripping the unit during installation and wiring. The front panel may come away and the unit may drop on the floor.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



Fig. 8

The front panel of this unit can be detached to prevent theft.

### Detaching the Front Panel

1. Shift the RELEASE button to the left in order to release the extractable front panel.

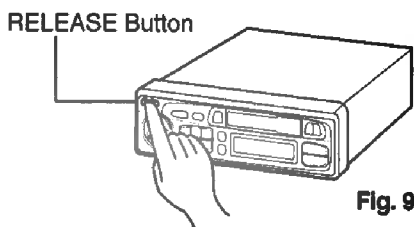


Fig. 9

2. Hold the left part of the front panel and pull it towards you gently.

NOTE: Take care not to put pressure on the display or control buttons, or drop the Front Panel.

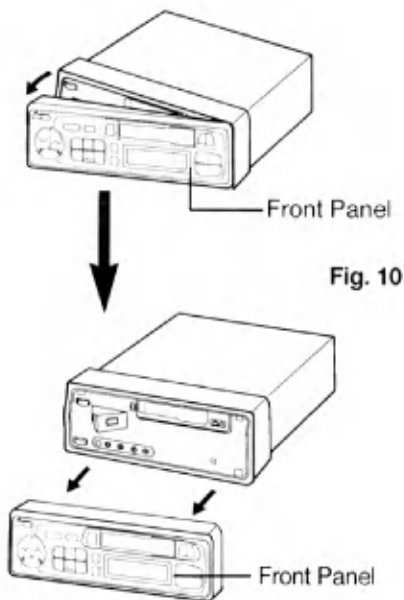


Fig. 10

3. Place the Front Panel in the supplied protective case.

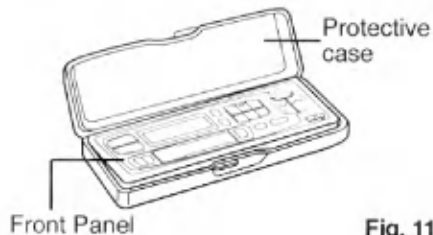


Fig. 11

### Attaching the Front Panel

- Push the front panel against the main unit to reattach it.

### NOTES:

- When replacing the front panel, do not put pressure on the display or control buttons.
- The control buttons may not work properly if the front panel is not attached properly. If this occurs, gently press the front panel.

### Precautions when Handling the Front Panel

- Do not leave the front panel in any area exposed to high temperatures or direct sunlight.
- Do not drop the front panel or otherwise subject it to strong impact.
- Do not allow such volatile agents as benzene, thinner, or insecticides to come into contact with the surface of the front panel.
- Never try to disassemble the front panel.

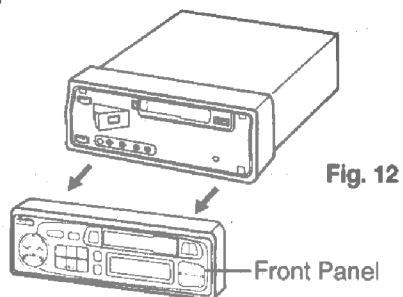


Fig. 12

# LOCATION OF CONTROLS

[TCC-570]

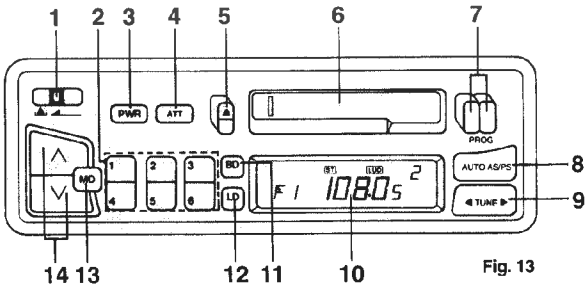
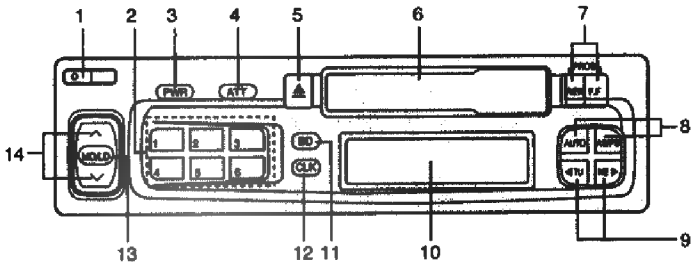


Fig. 13

[TCC-572]



[TCC-573]

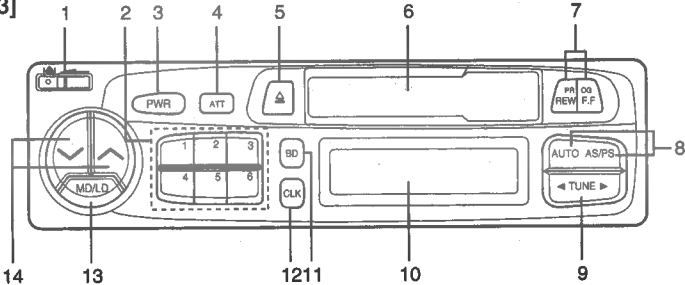


Fig. 13

- 1 . Front panel RELEASE Button
- 2. PRESiFt Buttons (1 -6)
- 3. POWER Button (PWR)
- 4. ATT Function Button
- 5. EJECT Button
- 6. Cassette Compartment
- 7. Fast Forward/RewinOPROG. Buttons
- 8. AUTO, AS/PS Button
- 9. TUNING Button
- 10. LCD display
- 11. BAND Button (BD)
- 12. CLOCK ,illumination Color (OPTIONAL) Button (CLK, COL)
- 13. MODE/LOUDNESS Button(MD/LD)
- 14. Level Buttons (∇, ▲)

## SOUND ADJUSTMENT

### ■ Mode Select Button

Press the MODE button to change the control of volume, bass treble balance and fader.

**NOTE:** When you press the PWR button for two seconds after setting the proper Volume level, you can hear a “beep” sound and notice your setting is memorized simultaneously. Whenever you turn on the unit, it will operate at the volume level memorized.

### ■ Level down/up Buttons (∇/∧)

1. After you have selected the proper mode by using the Mode button. Control the desired function by pushing Level down /up (∇/∧) buttons within 5 seconds. After you finish selecting modes, the unit returns to the initial mode.
2. Operating display in all modes:  
A numeric display is converted by pushing the Level down /up (∇/∧) buttons, so you can see easily as shown below.

### ■ Loudness Function

Press the MD/LD button for more than 2 seconds, activates the loudness circuit which boots to compensate the human ear's lack of sensitivity to bass at low levels.

### ■ ATT (Attenuation) Button

When you press ATT button, “ATT” sign in the LCD is shown and the sound is muted.

Press this button again to release the ATT function.

# LISTENING TO THE RADIO

## Basic Operation

1. Press the POWER button or any control buttons except the EJECT button, the PROG. buttons and RELEASE button to turn the power on.
2. Press the BAND select button to select the desired frequency band.
3. Press the Tuning ( ◀/▶ ) buttons to tune to the desired station.
4. Adjust the Volume and Tone using Level downDup (.../... ) buttons and Mode button.

**NOTE:** When the power is on, if a cassette tape is inserted in the cassette compartment, tape playback starts automatically.

## Setting the Preset Stations

You can preset a total of 30(24) stations, 18FM, 6MW and 6LW(OPTIONAL) using the 6 Preset buttons. Consequently, by storing the frequencies of broadcast stations that you listen to offers, you can quickly select the broadcast station you desire.

1. Select the desired band using the BAND select button.
2. Tune to a desired station using Tuning ( ◀/▶ ) buttons.
3. Press one of the Preset button (1-6) for more than 2 seconds. The station has now been stored at one of the preset buttons.
4. Repeat steps 2 and 3 for each of the remaining five preset buttons.

## Auto Store (AS)

Six stations in the selected band can be stored automatically.

1. Turn the power ON.
2. Select the desired band of stations, to be received.
3. Press the AS/PS button for more than 2 seconds, and then this function implements with a beep sound.
4. The selected band is automatically scanned and the 6 strongest stations are stored.  
Then the preset stations are displayed repeatedly.
5. Press the AS/PS button to stop scanning the preset stations.

## How to perform Preset Scanning (PS)

1. Store a station for each one of 1 to 6 preset buttons.
2. When the AS/PS button is pressed, the preset stations are monitored in sequence for 5 seconds each. The station number is shown in the preset station indicator.
3. When the desired station is received, press the AS/PS button again to stop scanning.

## NOTE

### Auto/Manual Select Button (AUTO)

This button is used to search stations automatically or manually. The AUTO indicator lights in the display during the auto mode.

**Auto mode:** Press AUTO button and then Tuning ( ◀/▶ ) button and the radio will seek automatically until a station is found. If a tuned station is not desired, press either up or down again to continue searching.

**Manual Mode:** Press the AUTO button again (the AUTO indicator disappears from the display) for the manual searching.

Keeping the Tuning ( ◀/▶ ) button pressed the searching goes rapidly.



## TAPE PLAYBACK

1. Turn the power ON.
2. Insert a cassette tape with the exposed tape side to the right. If a radio broadcast is being received, cassette playback automatically begins.
3. To reverse tape direction, press the PROG. (REW/FF) buttons.
4. The tape direction automatically reverses when the tape end has been reached.
5. To stop playback, press the EJECT button and remove the cassette tape.,

**NOTE:** Load the cassette tape with the exposed side to the right.

### SETTING THE CLOCK TIME(TCC-572/573)

1. Press CLOCK button once momentarily to display the time
2. Press and hold the BAND button.
  - Pressing Tuning button (▶) adjusts the hour.
  - Pressing Tuning button (◀) adjusts the minutes.

## SPACIFICATIONS

### ■ Tape Player

Tape Drive System	Full Auto Reverse
Tape Speed	4.75 cm/sec.
Wow/Flutter	0.35% (WRMS)
S/N Ratio	50 dB
Frequency Response	40-14,000 Hz

### ■ Tuner

#### FM

Frequency Range	65.0-74.0 MHz,87.5-108 MHz
S/N Ratio	60 dB
Distortion (T.H.D.0.5W)	1%
Channel Separation	30 dB

#### AM(MW)

Frequency Range	522-1,620 Hz (OPTIONAL ' 520-1,720 kHz /520-1,620 kHz)
S/N Ratio	45 dB
Distortion (T.H.D.0.5W)	1%
AGC	70 dB

#### LW(OPTIONAL)

Frequency Range	144` 128 kHz
S/N Ratio	45 dB
Distortion (T.H.D.0.5W)	1%

### ■ General

Output Power	4 × 25W (Max.)
Power Source	DC 12-15V
Speaker Impedance	4 × 4
Ground System	Negative
Dimension (W x H x D)	183 × 53 × 154 mm
Weight	1.6 kg

**Note:** Due to continuous improvements, the features and designs are subject to change without notice.