

Audiopipe®

RAD-1750GB



MW 101 3360

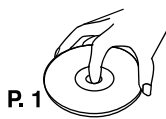
1. HANDLING COMPACT DISCS

MOISTURE CONDENSATION

On a rainy day or in a very damp area, moisture may condense on the lenses inside the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

NOTES ON CDs

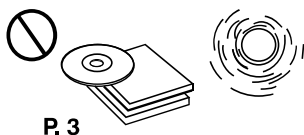
1. A dirty or defective disc may cause sound dropouts while playing. To enjoy optimum sound, handle the disc as follows.
Handle the disc by its edge. To keep the disc clean, do not touch the surface (P.1).



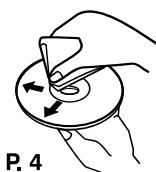
2. Do not stick paper or tape on the disc (P.2).



3. Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in temperature inside the car (P.3).



4. Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the centre out (P.4).



5. Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analog discs.

NOTES ON DISCS

If you use the discs explained below, the sticky residue can cause the CD to stop spinning and may cause malfunction or ruin your discs.

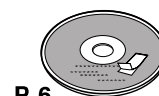
Do not use CDs that have a sticky residue on the surface (for example, from peeled-off stickers or from ink, or glue leaking from under the stickers).

Paste or sticky residue.



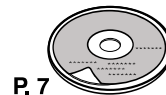
Do not use CDs with old labels that are beginning to peel off.

Stickers that are beginning to peel away leave a sticky residue (P.6).



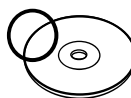
Do not use CDs with labels or stickers attached.

Labels are attached (P.7).



Do Not Use Special Shape CDs

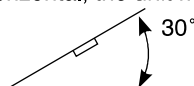
Be sure to use round shape CDs only. Do not use any special shape CDs. Use of special shape CDs may cause the unit to malfunction.(P.8).



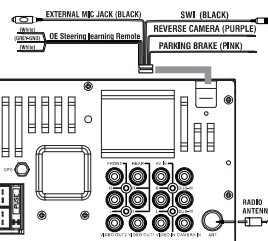
CD-Rs and CD-RWs which have not undergone finalization processing cannot be played. (For more information on finalization processing, refer to the manual for your CD-R/CD-RW writing software or CD-R/CD-RW recorder.) Additionally, depending on the recording status, it may prove impossible to play certain CDs recorded on CD-R or CD-RW.

2. INSTALLATION

- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- If installation angle exceeds 30 °from horizontal, the unit might not give its optimum performance.



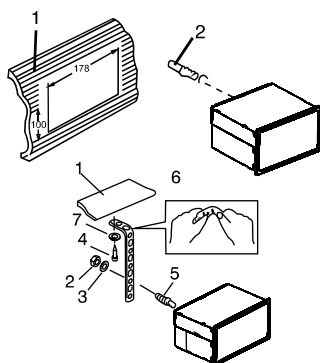
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from heater, or where it would be subject to dust dirt or excessive vibration.
- Be sure to remove the front panel before installing the unit.



DIN FRONT/REAR-MOUNT

This unit can be properly installed either from Front (conventional DIN Front-mount) or Rear (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods A and B.

DIN FRONT-MOUNT (Method A) Installation the unit



1. Dashboard
2. Screw

1. Dashboard
2. Nut (5mm)
3. Spring washer
4. Screw (5x15mm)
5. Screw
6. Support Strap
Be sure to use the support strap to secure the back of the unit in place. The strap can be bent by hand to the desired angle.
7. Plain washer

Trim Plate Installation:

Push the trim plate against the chassis until it is fitted.

You must do this before you install the front panel, otherwise it can't be attached.

3. ELECTRICAL CONNECTION

- Make sure your car battery is a 12 volt (6 filler caps) negative ground system (if not, a converter will be necessary).
- Before starting wiring connections, disconnect the power supply by removing the fuse from the fuse box.

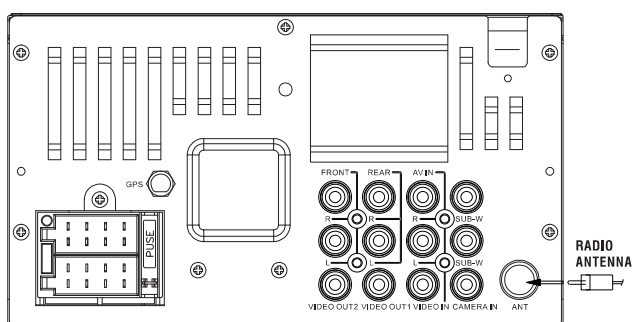
- c. Connect the power wire to one of the extra terminals of the fuse box.
- d. Connect the black ground wire to a metal part of the car. It is important to make good contact.
- e. Make other wiring connections as shown.
- f. If your car does not have ISO connector, you can purchase it from car accessory shops.

Notes: INCORRECT WIRING OR OPERATION WILL VOID THE WARRANTY OF THIS UNIT.

(CAR UNIT BACK SIDE)

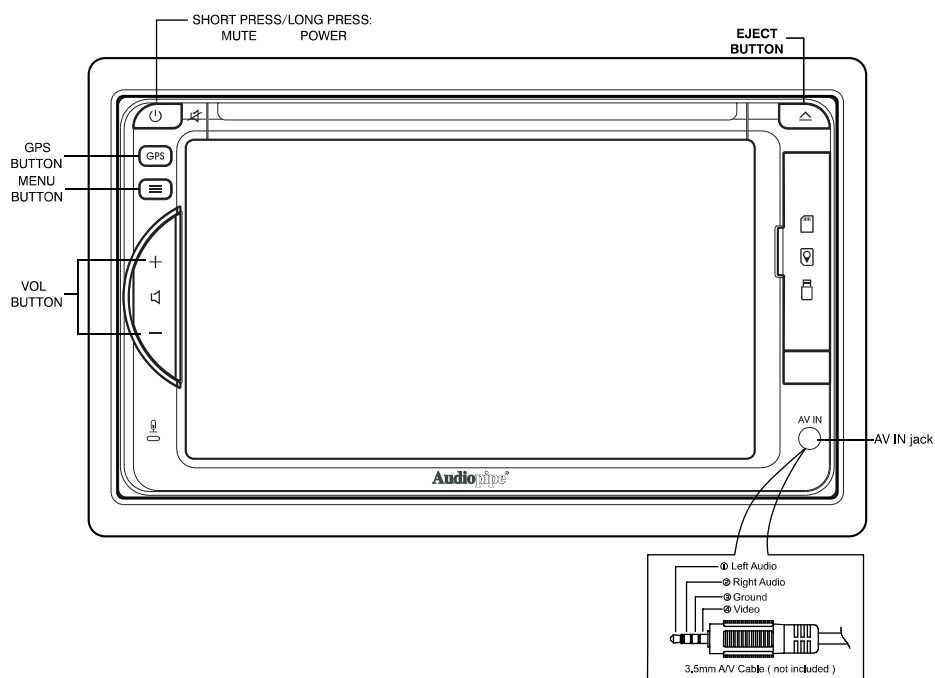
Fuse Replacement:

To replace the fuse, pull out the blown fuse from the socket. Insert a new one with same rating

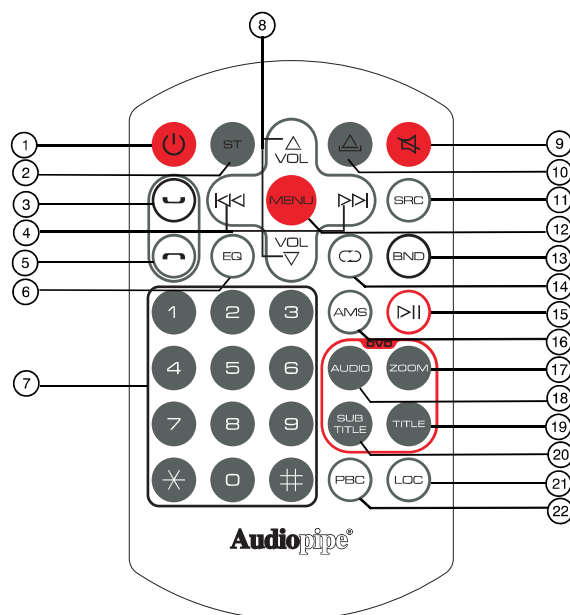


4. FUNCTION OF CONTROL

A. FUNCTION OF PANEL



B. FUNCTION OF REMOTE



- | | |
|---|---|
| 1. POWER BUTTON | 12. MENU BUTTON |
| 2. ST BUTTON | 13. BND BUTTON |
| 3. To answer/accept the call | 14. Press to repeat one track
Press again to repeat a folder |
| 4. TUNING/SEEK/UP/DOWN OR
NEXT/BACK BUTTON | 15. PAUSE/PLAT BUTTON |
| 5. TO REJECT/END THE CALL | 16. AMS BUTTON |
| 6. EQ BUTTON | 17. ZOOM BUTTON |
| 7. NUMBER BUTTON | 18. AUDIO BUTTON |
| 8. VOLUME BUTTON | 19. TITLE BUTTON |
| 9. TURN MUTE/RESTORE VOLUME | 20. SUB TITLE BUTTON |
| 10. EJECT BUTTON | 21. LOC BUTTON |
| 11. SRC BUTTON | 22. PBC BUTTON |

6. SYSTEM SETUP

Home Menu



- Click the source button for example RADIO to select desired mode.
- Slide source buttons area right or left to change another page, click  or  could also change the page.
- Click and hold one source button then slide it could exchange the button location.
-  Show Clock/Year/Month/Date, click enter setup menu to set them.
-  Show related device is exist or not. The related icon will be turned on if the device is inserted.
-  Click to set TFT brightness Bright/Dim/Off.
-  Click to enter Setting menu.



Users can operate "touch rectification" if the touch character deviates.
Users must Touch+ in the center rectification or else it will affect precision.

7. RADIO OPERATION

Radio mode

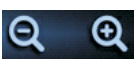


-  Mute on/off button.
-  Audio effect setup button.
-   Seek-Up/Down button.
-   Manual-Up/Down button.
-  Preset Scan/Auto Store button, short press preset scan, hold pressing auto store.
-  Stereo/Mono switch button.
-  Preset stations buttons.
-  Home menu button.
-  Bluetooth icon, will be on when BT is connected.
-  BAND button(FM1/2/3/AM1/2).
-  PTY/TA buttons.
-  LOC/DX button.
-  Tune bar, slide it tune-up/down manually.

8. DVD/CD/VCD OPERATIONS

DVD mode



-  Track-DOWN, Play/Pause, Track-UP button.
-  Repeat button.
-  Random button.
-  Audio language button.
-  ZOOM-, ZOOM+ buttons.
-  Color/Brightness/Contrast set button.
-  Sub-title button.
-  Title button.
-  Angle button.
-  Channel(Stereo/R-ch/L-ch) control button.
-  Title/Chapter directly select buttons.

Remark: Slide bottom button change the buttons.

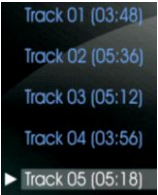
CD/VCD mode



- **003 018** Direct Track select button. Click it can direct select the track to play.

-  Slide the bar to fast forward/backward play.

- **RIP** Ripping button, ripping CD audio to USB or SD.

-  Double click the track to select and play it.



-  Audio channel(Stereo/R-ch/L-ch) control button.

- **PBC** PBC on/off button.

USB/SD mode



-  Track-DOWN, Play/Pause, Track-Up button.
-  Repeat button.
-  Random button.
-  Direct Track select button. Click It can direct select the track to play.

-  File select menu button.
 -  Song/Movie/Photo file select button.
 -  Night Music  You Can't Hold Me Now
- Double click the folder to select and enter it.
Double click the track to select and play it.
Slide the Folder or Track up/down to select more.

Photo play mode



-  ZOOM-/++ button.
-  Track-DOWN, Play/Pause, Track-Up button.
-  Set current playing photo as wallpaper.
-  Rotate button.
-  Repeat button.

Video play mode



-  Audio language button.
-  Title button.
-  Audio channel(Stereo/R-ch/L-ch) control button.
-  Color/Brightness/Contrast set button.

AUX IN mode



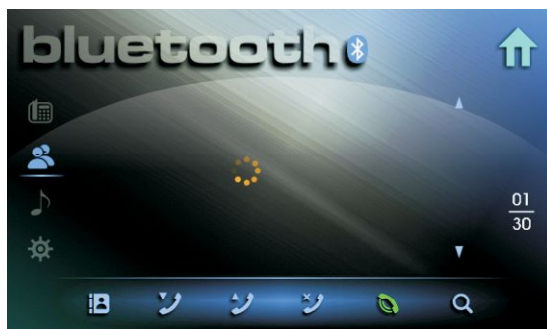
-  Mute on/off button.
-  Audio effect setup button.
-  Brightness/Contrast/Color set button, it's available only when watch the video.

9. Bluetooth OPERATION

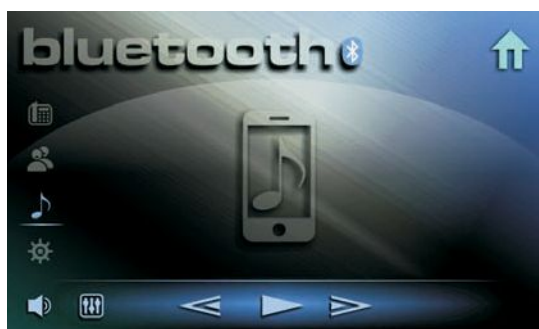
Bluetooth mode



-  Dial/Phone Record/
Music Play/Setting menu buttons.
-  Delete button. Press it once delete the last
digit, hold pressing it to delete all digits input.
-  Connect/Disconnect button.
-  Reject button.



-  Call & Receive button.
-  Phonebook/Received/Dialed/
Missed access button.
-  Phone record search button.
-  Call button.



-  Track-Down, Play/Pause,
Track- Up button.

Device Name setting



➤ **Device Name** Device Name setting button.

➤ **Pin Code** Pin Code setting button.

➤  Enter button. Click it to confirm the input.

Pin Code setting



➤  Enter button. Click it to confirm the input.

10. SET UP MENU OPERATION

Setting menu mode



- System Language/Audio/Radio Freq/Video/Wallpaper/Time/Wheel Control/Tools/Other/Sys Info set buttons.

- Slide the buttons area right or left change to another page, click  or  could also change the page.

System language setting



Fader/balance setting



➤ Drag the  or click     to set Fader/Balance.

Radio freq setting



Video setting



➤  Brightness/Contrast/Color set bar.

➤ **Reset** Click it reset to default.

Wallpaper setting



Time setting



➤  Set GPS automatically update time on/off.
To set time manually, must set GPS Time OFF.

➤  Set 24/12Hours format.

Wheel control setting



Tools setting

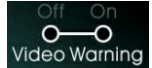
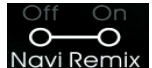
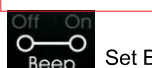
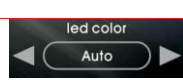


GPS monitor

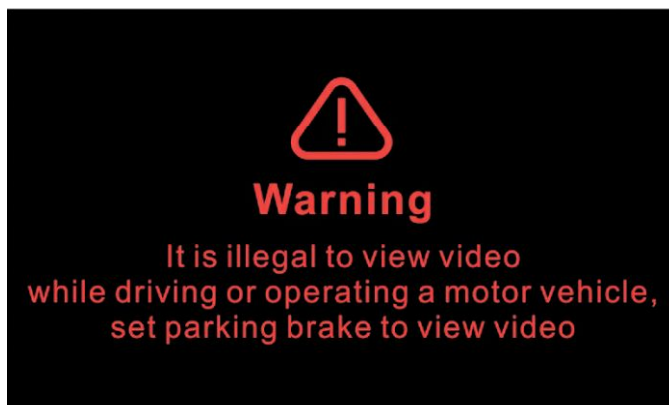


Other setting



-  Set GPS card path.
-  Set Camera Video direction.
-  Restore to factory setting.
-  Set Video Warning On/Off .
-  Set Navigation sound Remix.
-  Set Beep sound On/Off.
-  Set Navigation and current playing source sound On/Off.
-  AUTO-RED-GREEN-BLUE-CYAN-YELLOW-PURPLE-WHITE

11.Video Warning



-  When set Video Warning On and brake wire is not activated, in video playing mode, the screen will show above Warning.

12. MMC/SD CARD & USB DEVICE OPERATIONS

START THE USB DEVICE MODE

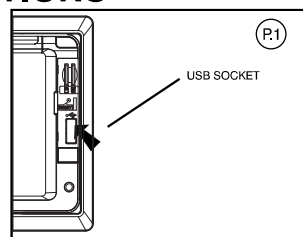
1.The USB mini socket is accessible as indicated in picture 1.(P.1)

2.Plug in the USB drive / device completely and display will show "USB" to indicate that the USB drive / device is being plugged in correctly & the download has begun.

3.Does not matter what mode the unit is in, once a USB drive / device is being plugged into the unit, unit will automatically switch to USB mode.

4.All the USB files playback function is same as normal disc playback.

Warning: Excessive weight or size USB drive/device may cause permanent & serious damage to the unit and may cause access to the buttons on the front panel impossible. User must use an extension cable (provide by USB device manufacturer) to connect with USB socket to prevent any damage cause.



TO STOP USB PLAYBACK

1.If the USB drive / device is unplugged, the unit will automatically switch to radio mode. Or user can use mode button to switch to other modes.

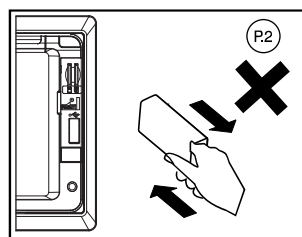
2.The user can use the mode button to choose USB mode (only if USB drive / device is inserted in the unit) or any other modes, when they are in any mode.

USB SPECIFICATION

- * SUPPORT MAX IG USB FLASH MEMORY
- * SUPPORT MAX 999 SONGS
- * USB 1.1 DEVICE SUPPORT
- * USB 2.0 DEVICE SUPPORT
(TRANSFER SPEED SAME AS VER 1.1)
- * FILE MANAGER: FAT12/FAT16/FAT32

CAUTION

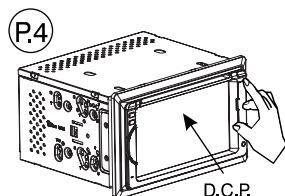
1.Always unplugg the USB gently from the unit, excessive force used will cause permanent & serious damage to the unit & the USB drive / device.



COMPATIBILITY

Due to the fast changing technology world, this unit may or may not be compatible to all the USB drive / device available with all the future technology, especially those USB drive / device which require to install a driver. Always choose a compatible USB drive / device which is compatible with this unit.

START THE SD/MMC MODE



1.Press panel release button to release the front panel.(P.4)

2.The SD/MMC card slot is located on top of the front panel as indicated in (P.5).

3. Insert the SD/MMC card into the card slot in the correct direction until a "CLICK" sound is heard.

4.Close the front panel.

(1)§ 15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Changes or modification warning

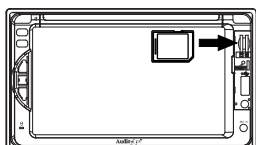
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

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 generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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.

(P.5)



5. The display will show "CARD" to indicate that the SD or MMC card is correctly inserted. Once the SD or MMC card is inserted, the file will automatically loaded & playback will also start.
6. Does not matter what mode the unit is in, once a SD or MMC card is being inserted in the unit, unit will automatically switch to SD / MMC mode.
7. All the SD / MMC files playback function is same as normal CD or Multi-Media disc playback.

TO STOP SD/MMC CARD PLAYBACK

1. Push on the end of the SD or MMC card to eject the SD or MMC card. Once the SD or MMC card is taken out, the unit will automatically switch to previous mode.
2. User can use the mode button to choose SD / MMC mode (only if SD or MMC is inserted in the unit) or any other modes, when they are in any mode.

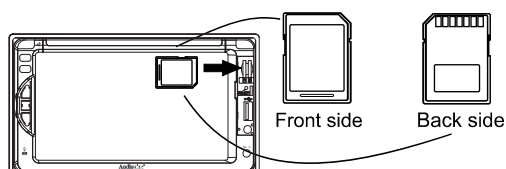
SD/MMC SPECIFICATION

- * SUPPORT MAX 4G SD/MMC CARD
- * SUPPORT MAX 999 SONGS

CAUTION

2. Please make sure to insert the SD or MMC card in the correct direction / orientation as indicated in picture 7(P.7). Wrong insert will cause permanent & serious damage to the unit & the SD or MMC card.

(P.6)



13.SPECIFICATIONS

CD PLAYER

System	Compact disc audio system
Usable disc	Compact disc, CD-R, CD-RW
Sampling frequency	44.1KHz
No of quantization bits	1bit
Frequency	20-20,000Hz
Number of channels	2 stereo
S/N Ration	70dB

RADIO SECTION

FM

Frequency Range	87.5 -107.9 MHz
Usable Sensitivity	Better than 15dB at S/N 30 dB
Stereo Separation	25 dB at 1KHz
S/N Ratio	50 dB

AM (MW)

Frequency Range	530 -1710 KHz
Usable Sensitivity	Better than 45dB
S/N Ratio	40 dB

GENERAL

Power Supply	DC 11 -14V
Polarity	Negative Ground
Speaker impedance	4 ohms
Power Output	4X40W

REMARK :

Specifications subject to change without notice.