Accessories

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Installation Procedure

1. To prevent a short circuit, remove the key from the ignition and disconnect the battery.
2. Make the proper input and output wire connections for each unit.
3. Connect the speaker wires of the wiring harness.
4. Connect the wiring harness wires in the following order: ground, battery, ignition.
5. Connect the wiring harness connector to the unit.
6. Install the unit in your car.
7. Reconnect the battery.
8. Press the reset button.

⚠️ WARNING

- If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.
- Do not cut out the fuse from the ignition wire (red) and the battery wire (yellow). The power supply must be connected to the wires via the fuse.
- If the power is not turned ON (or it is ON, but will be OFF immediately), the speaker wire may have a short circuit or touched the chassis of the vehicle and the protection function may have been activated. Therefore, the speaker wire should be checked.
- If your car’s ignition does not have an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key. If you connect the ignition wire to a power source with a constant voltage supply, as with battery wires, the battery may die.
- If the fuel line has a lid, make sure to install the unit so that the faceplate will not hit the lid when closing and opening.
- If the fuse blows, first make sure the wires aren’t touching to cause a short circuit, then replace the old fuse with one with the same rating.
- Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.
- Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the wires or ground them to any metal part in the car.
- When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (do not mix front and rear). For example, if you connect the connector of the left speaker to a front output terminal, do not connect the connector to a rear output terminal.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
Connection

For the sake of safety, be sure to connect the parking sensor.

Connect to the vehicle’s parking brake detection switch harness using the supplied relay connector.

If no connections are made, do not let the cable come out from the tab.

If no connections are made, do not let the cable come out from the tab.
If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.

- White/Black: To front left speaker
- White: To front right speaker
- Gray/Black: To rear left speaker
- Gray: To rear right speaker
- Green/Black: To rear left speaker
- Green: To rear right speaker
- Purple/Black: To rear left speaker
- Purple: To rear right speaker

The cable (Accessory 3) is fixed with a chassis using harness band (Accessory 3).
System Connection

Front Preout
- Audio left output (White)
- Audio right output (Red)

Rear Preout
- Audio left output (White)
- Audio right output (Red)

Subwoofer Preout
- Audio left output (White)
- Audio right output (Red)

Audio/Visual input
- Visual input (Yellow)
- Audio left input (White)
- Audio right input (Red)

Rear View Camera Input
- Visual input (Yellow)

Audio/Visual Output
- Visual output (Yellow)
- Audio left output (White)
- Audio right output (Red)
Optional Accessory Connection

- iPod (commercially available)
- KCA-iP300V (Optional Accessory)
- TV Tuner (Optional Accessory)
- Disc Changer etc. (Optional Accessory)

Connection details:
- Audio Output (Black)
- Visual Output (Yellow)
- Audio Input Resistance-free stereo type mini plug (3.5Φ)
- Visual Input Resistance-free mini plug (3.5Φ)
- USB terminal

Connection cables:
- Included in the TV tuner
- Included in the Disc changer
- Included in the Navigation System
Installation for Monitor/Player Unit

1. Attach the installation brackets \( \text{\textbullet} \) to the sides of the receiver unit using the sems bolts \( \text{\textbullet} \).

2. Use the tapping screw \( \text{\textbullet} \) to secure the receiver unit to the audio board.

Installation brackets (Accessory \( \text{\textbullet} \))

Sems bolts (M4 x 8 mm) (Accessory \( \text{\textbullet} \))

Tapping screw (ø4 x 16 mm) (Accessory \( \text{\textbullet} \))

Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (e.g., the sound may skip).

Installation for Receiver Unit

1. Attach the installation brackets \( \text{\textbullet} \) to the sides of the receiver unit using the sems bolts \( \text{\textbullet} \).

2. Use the tapping screw \( \text{\textbullet} \) to secure the receiver unit to the audio board.
Removing Monitor/Player Unit

Removing the Hard Rubber Frame (escutcheon)

1. Engage the catch pins on the removal tool ⑦ and remove the two locks on the lower level. Lower the frame and pull it forward as shown in the figure.

2. When the lower level is removed, remove the upper two locations.

   • The frame can be removed from the top side in the same manner.

Removing the Unit

1. Remove the hard rubber frame by referring to the removal procedure in the section "Removing the Hard Rubber Frame".
2. Remove the Hex-head screw with integral washer (M4 x 8) on the back panel.
3. Insert the two removal tools ⑦ deeply into the slots on each side, as shown.
4. Lower the removal tool toward the bottom, and pull out the unit halfway while pressing towards the inside.

   • Be careful to avoid injury from the catch pins on the removal tool.

5. Pull the unit all the way out with your hands, being careful not to drop it.
Installing in Japanese-made Cars

Installation on Toyota, Nissan or Mitsubishi Car using Brackets at Holes shown by "●"

- Do not use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.
Installation on Toyota Car using Brackets at Holes shown by “●”

1. Mount the bracket at each side.

2. Bend each end of case to fix the bracket.

When using the bracket shown above, you cannot use screws at two holes of the right and left unit sides.

Use a flat-blade screwdriver or pliers, and bend each case tab into the hole of installation bracket to fix the bracket.