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1. BEFORE STARTING

1. This set is exclusively for use in cars with a negative ground 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery “⊖” terminal before starting. This is to prevent short circuits during installation. (Figure 1)

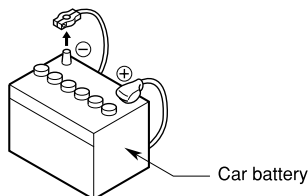


Figure 1

Car battery

2. PACKAGE CONTENTS

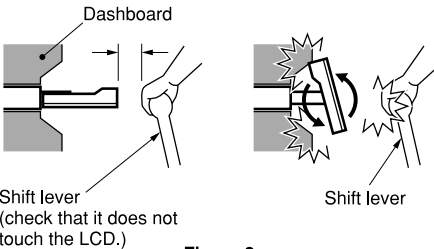
- | | |
|--|------------------------------|
| ① Main unit | Cord clamp |
| ② Manuals | Spacer |
| Owner's manual & Installation manual | Special screw |
| Warranty card | ⑥ Universal mounting bracket |
| ③ Power supply lead | ⑦ Remote control unit |
| ④ Bag for accessories of the main unit (No. 1) | ⑧ Battery |
| Flat head screw (M5 × 8).....4 | (for remote control unit) |
| Sems hexagonal bolt (M5 × 8).....5 | ⑨ Outer Escutcheon |
| ⑤ Bag for accessories of the main unit (No. 2) | ⑩ DCP Case |
| Hook plate.....2 | |

3. GENERAL CAUTIONS

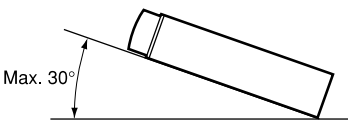
1. Do not open the case. There are no user serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized CLARION service centre.
2. Use a soft, dry cloth to clean the case. Never use a rough cloth, thinner, benzene, or alcohol, etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gently.

4. CAUTIONS ON INSTALLATION

1. Prepare all articles necessary for installing the main unit before starting.
2. This model is used with the LCD panel slid forwards (shell loading system). On some types of cars, the LCD panel may touch the dashboard or shift lever, in which case it cannot be installed. Check that the set will not hamper operation of the shift lever before choosing the place of installation. (Figure 2)

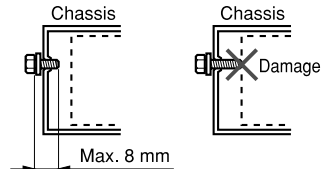


3. Install the unit within 30° of the horizontal plane. (Figure 3)

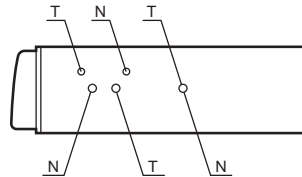


4. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.

5. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 4)



6. The source unit has mounting screw holes for NISSAN (N marks) and TOYOTA (T marks) vehicles.



5. INSTALLING THE MAIN UNIT

■ Universal Mount

1. Place the universal mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the universal mounting bracket inward, then secure the stopper as shown in Figure 6.
2. Wire as shown in Section 8.
3. Insert the main unit into the universal mounting bracket until it locks.
4. Mount the outer escutcheon so that all the hooks are locked.

Notes:

- 1) Some car models require special mounting kits for proper installation. Consult your Clarion dealer for details.
- 2) Fasten the front stopper securely to prevent the main unit from coming loose.

• Console opening dimensions

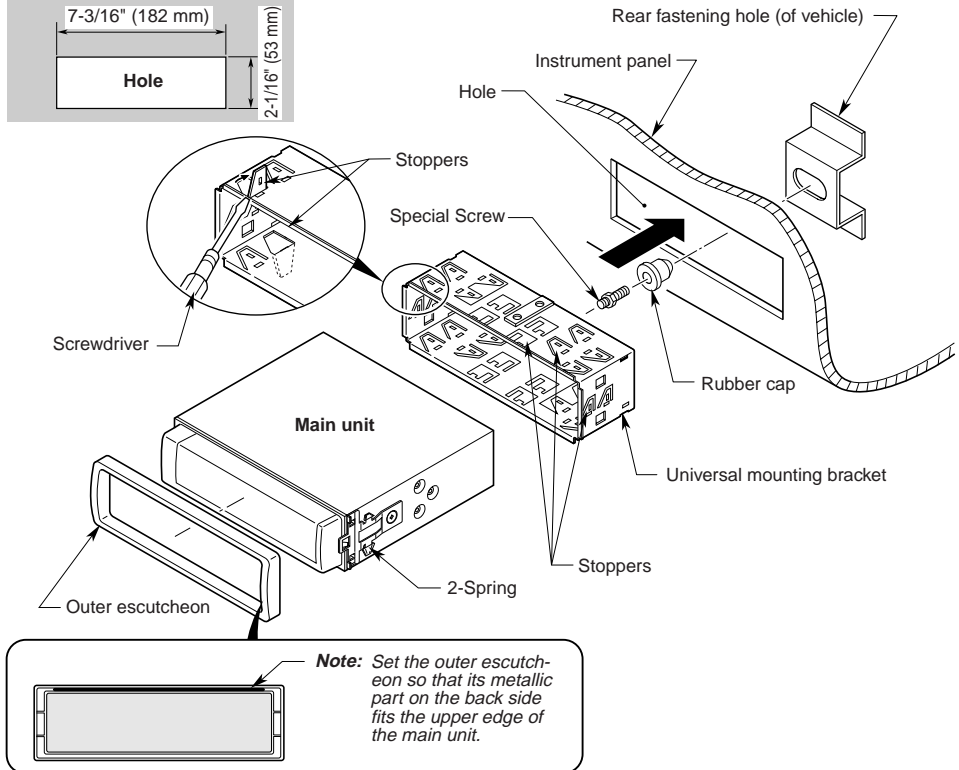
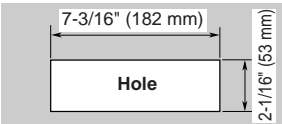


Figure 6

■ Fixed Mount (TOYOTA, NISSAN and other ISO/DIN equipped vehicles)

This unit is designed for fixed installation in the dashboard.

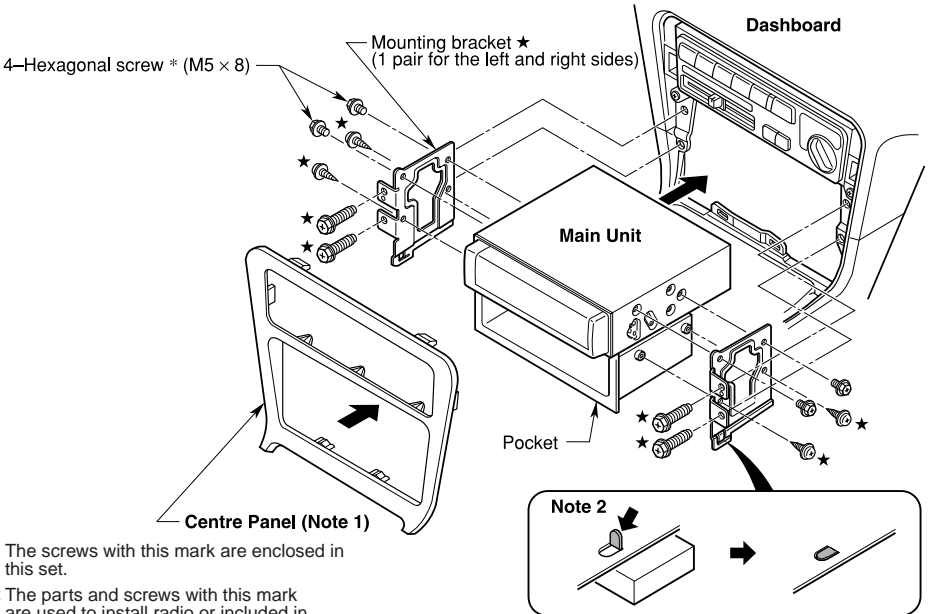
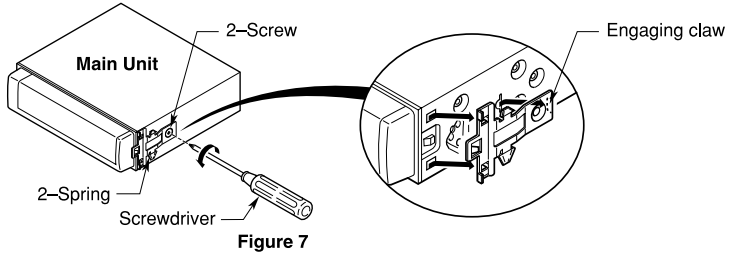
If the vehicle is equipped with a factory-installed radio, install the main unit with the parts and screws marked (*). (Figure 8)

If the vehicle is not equipped with a factory-installed radio, obtain an installation kit to install the main unit in the following procedure.

1. Remove the screws from both side of the main unit. Then, at either side, lift the leaf spring until the engaging claws are released from the holes, and slide the spring to the direction of arrow to remove it. Repeat the

same for the other side to remove the springs from the both sides. (Figure 7)

2. Secure the mounting brackets to the chassis as shown in Figure 8. Holes are pre-tapped for TOYOTA and NISSAN vehicles; modification, such as drilling new holes, of the mounting brackets may be required for other models.
3. Wire as shown in Section 8.
4. Secure the unit in the dashboard, and then reassemble the dashboard and the centre panel.



*: The screws with this mark are enclosed in this set.

★: The parts and screws with this mark are used to install radio or included in the installation kit.

Note 1: In some cases, the centre panel may require some modification (trimming, filling, etc.).

Note 2: If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or a similar tool.

6. REMOVING THE MAIN UNIT

1. When the rear of the main unit has been secured with the method shown in Figure 6 unfasten the special screw.
2. Remove the outer escutcheon.
3. Insert the hook plate between the spring and the universal mounting bracket, fit tab **(B)** of

the spring into hole **(A)** of the hook plate, then pull the main unit out by the hook plate. (Insert both the right and left edges of the hook plate.) (Figure 9)

Note: Keep the hook plate. You cannot remove the main unit without disengaging the hook plate.

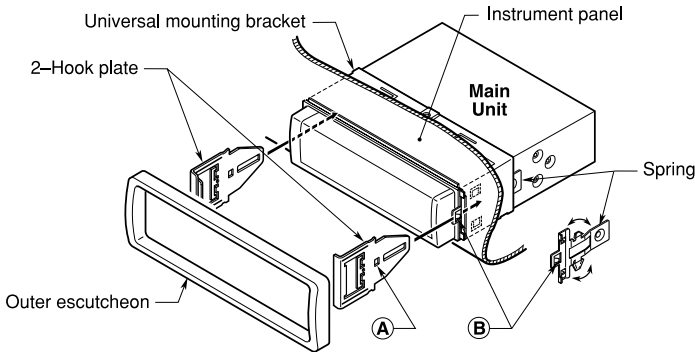


Figure 9

7. CAUTIONS ON WIRING

1. Be sure to turn the power off before wiring.
2. Be particularly careful where you route the wires.

Keep them well away from the engine, and exhaust pipe, etc. Heat may damage the wires.

3. If the fuse should blow, check to see if the wiring is correct.
If it is, replace the fuse with a new one with the same amperage rating as the original.
4. When any fuse is to be replaced, pull out the fuse (15A) at the rear of the main unit and put in a new one (Fig.10).

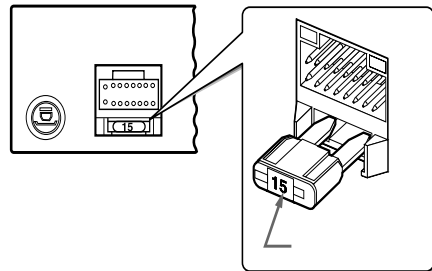
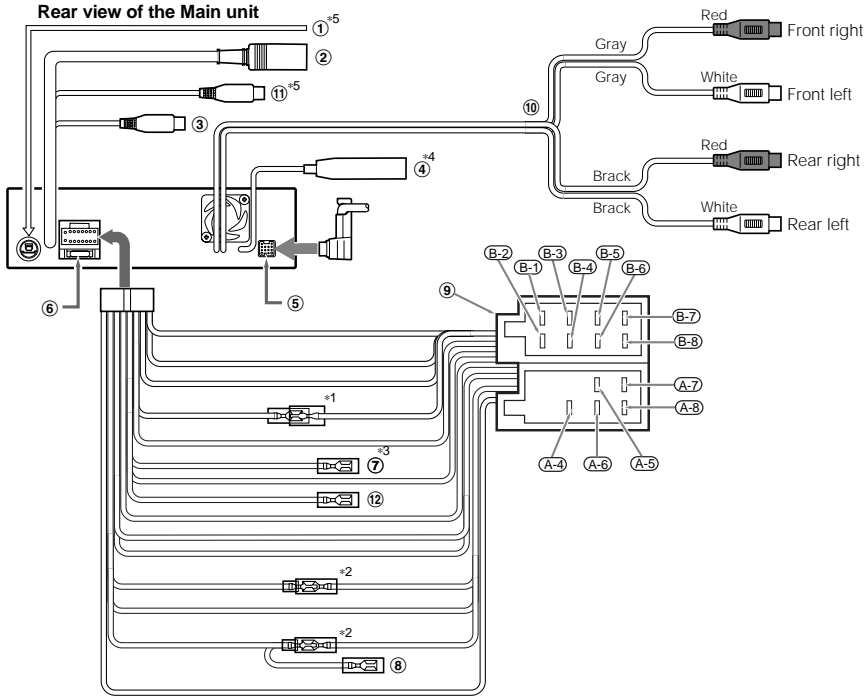


Figure 10

⚠ CAUTION

After the connection, fix the lead by a clamp or insulation tape for protection.

8. WIRE CONNECTION



No.	Description
(B-1)	REAR RIGHT ⊕
(B-2)	REAR RIGHT ⊖
(B-3)	FRONT RIGHT ⊕
(B-4)	FRONT RIGHT ⊖
(B-5)	FRONT LEFT ⊕
(B-6)	FRONT LEFT ⊖
(B-7)	REAR LEFT ⊕
(B-8)	REAR LEFT ⊖
(A-4)	+12 V MAIN POWER (*2)
(A-5)	AUTO ANTENNA (*1)
(A-6)	ILLUMINATION
(A-7)	+12 V ACCESSORY (*2)
(A-8)	GROUND

No.	Description
①	NAVI/CCD terminal
②	RGB INPUT
③	VIDEO INPUT (for TV tuner)
④	Radio antenna jack (*4)
⑤	CeNET terminal
⑥	Fuse (15A)
⑦	Phone mute (Brown)
⑧	Spare terminal (Yellow)
⑨	ISO CONNECTOR
⑩	AUDIO 4CH. OUTPUT
⑪	DVD/etc. INPUT (for DVD changer and etc.)
⑫	Parking brake (Bright Green)

- *1:When the unit is installed in a **1998 or later Volkswagen** model, make sure to interrupt the <<Remote>> output. Disconnect the <<blue/white>> wire and insulate the front ends of this lead. A breakdown may occur if the lead is not disconnected, or front ends are not insulated.
 - *2:In certain vehicles - **Volkswagen/Opel/Vauxhall** - it is necessary to exchange the accessory <<Red>> and the main power <<Yellow>> connection, to avoid overload and loss of memory.
 - *3:Connecting the PHONE MUTE Terminal
The lead included with the unit must be connected to the specified position of the vehicle's ISO connector in order to use the "triggered audio mute for cellular telephones" function.
 - *4:Use the attached extension lead when necessary.
 - *5:When connecting CCD CAMERA, be sure to connect RCA as well as the 8-pin Mini-Din video jack.
- Note** : Before making any installation, disconnect the car battery - (negative) cable.

■ Connecting the Accessories

● Connection to the CCD camera for vehicle

The CCD CAMERA for vehicle can be connected to the system expansion terminal on the main unit. For detailed information, refer to the instruction sheet or manual for the CCD CAMERA.

Notes:

- A power supply box (sold separately) is required for connection of the main unit and the CCD CAMERA.
- While the CCD CAMERA is used, the navigation cannot be turned on.
- The power supply box for camera CCA-147 cannot be used. Please use The CCA-188 instead.

● Connection to car navigation equipment

When Clarion car navigation equipment is used, connect it to the system expansion terminal (CCD/NAVI) and the RGB terminal of the main unit. For detailed information, refer to the operating instructions provided with car navigation equipment. When the NAVI is connected, the CCD camera cannot be connected. When the Clarion NAVI is to be connected, set the INPUT to the NAVI position.

● If the specified lead of the cellular phone is connected to the phone mute lead of the source unit, the audio mute is available when the cellular telephone is used.

For audio mute setting in cellular telephone use, see page 42.

● DAB (Digital Audio Broadcasting)

When the DAB is to be connected, use the Ce NET connector. For detailed information, refer to the instruction manual of the DAB.

For DAB connection, The DAH913 can only be connected. The DAH9500Z cannot be connected.

● TV Tuner

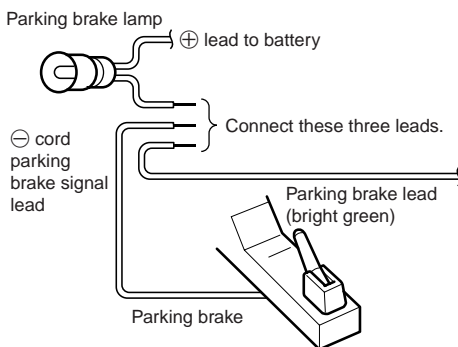
When the TV TUNER is to be connected, connect the Ce NET connector and RCA PIN (yellow). For detailed information, refer to the instruction manual of the TV TUNER.

■ Connecting the parking brake lead

Connect the lead to parking brake lamp earth in the meter panel.

Notes:

- Connecting the parking brake lead to lamp earth allows you to watch TV/VTR/DVD changer when the parking brake is engaged.
- When the parking brake lead is not connected, the monitor will stay off.

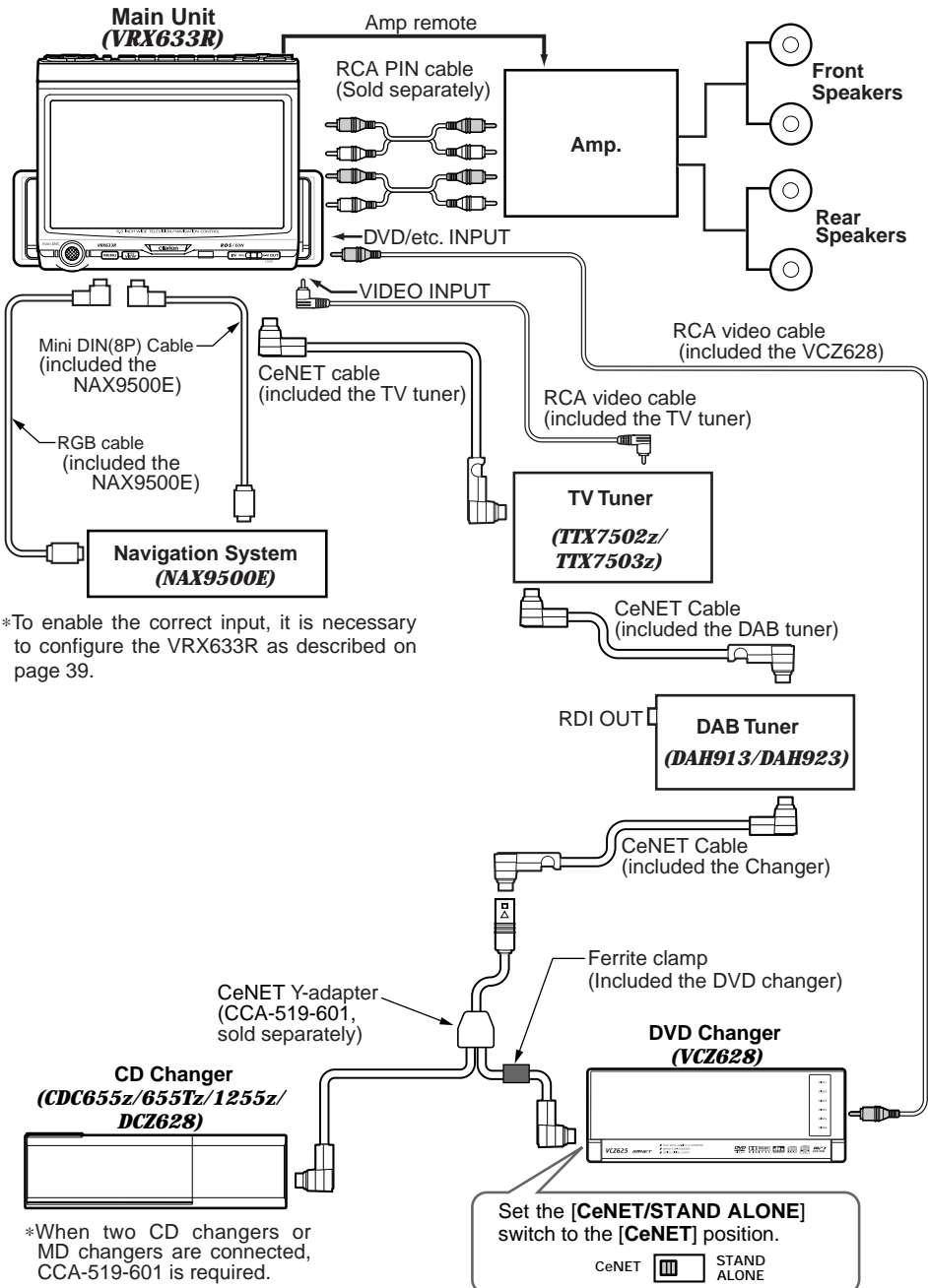


9. SAMPLE SYSTEMS

Sample System 1

English

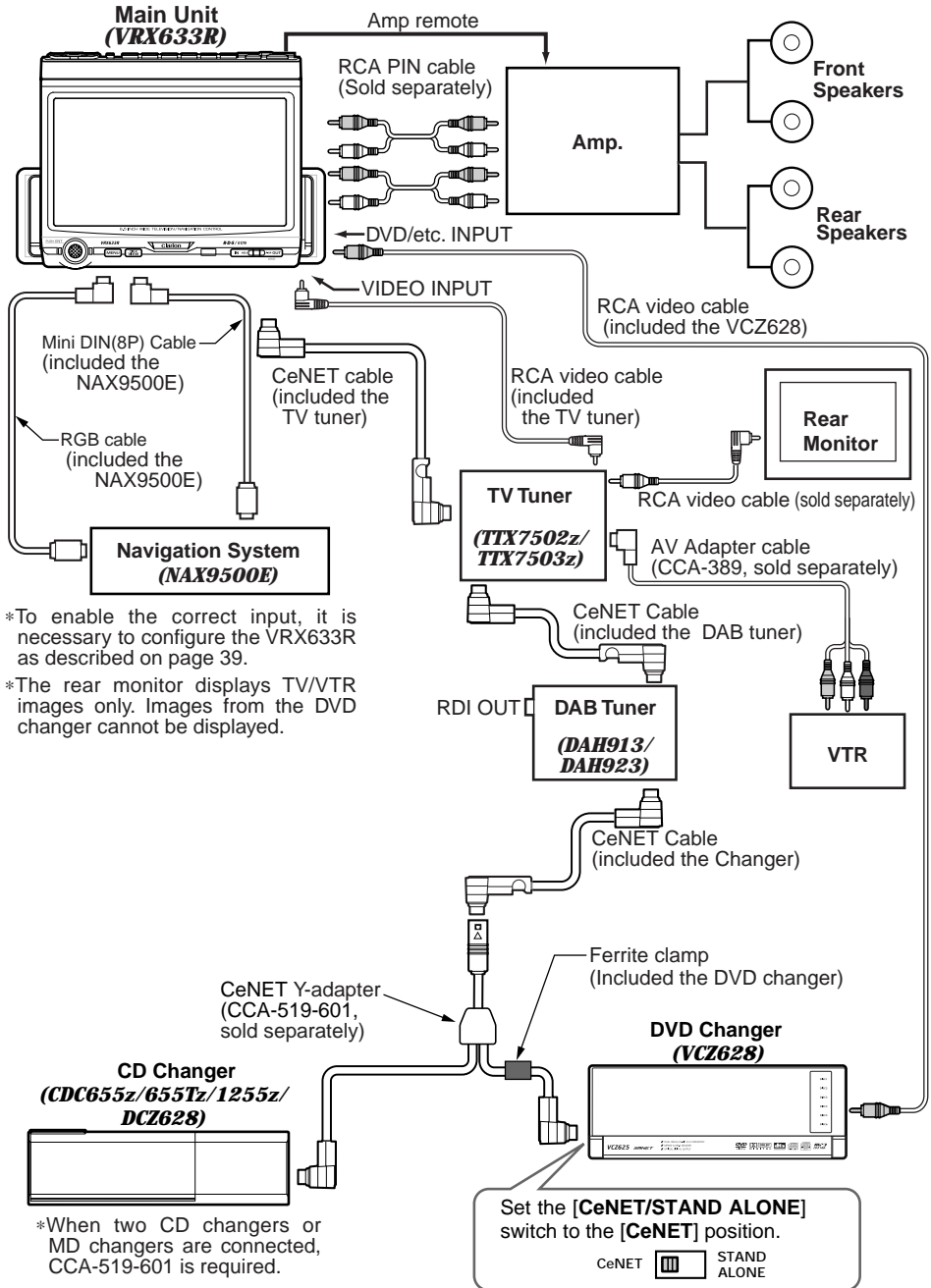
Installation and Wire
connection manual



*To enable the correct input, it is necessary to configure the VRX633R as described on page 39.

*When two CD changers or MD changers are connected, CCA-519-601 is required.

■ Sample System 2

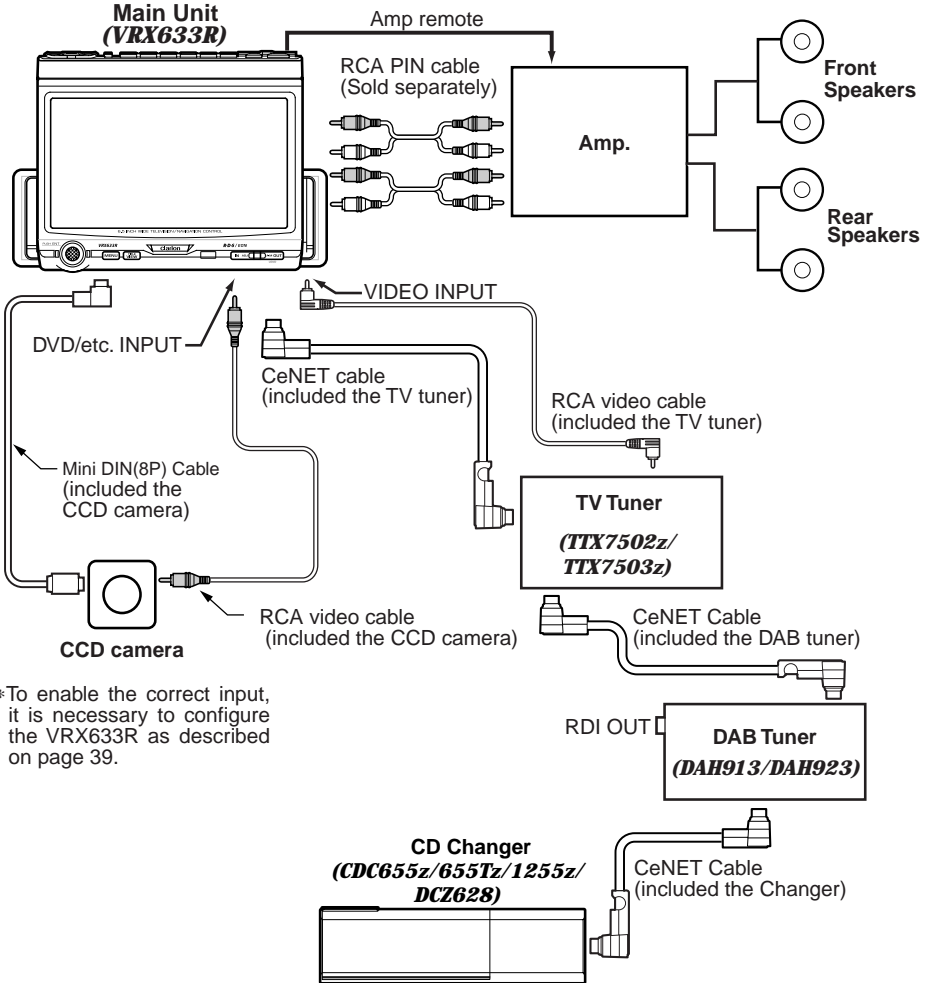


*To enable the correct input, it is necessary to configure the VRX633R as described on page 39.

*The rear monitor displays TV/VTR images only. Images from the DVD changer cannot be displayed.

*When two CD changers or MD changers are connected, CCA-519-601 is required.

■ Sample System 3



*To enable the correct input, it is necessary to configure the VRX633R as described on page 39.