

AV Center

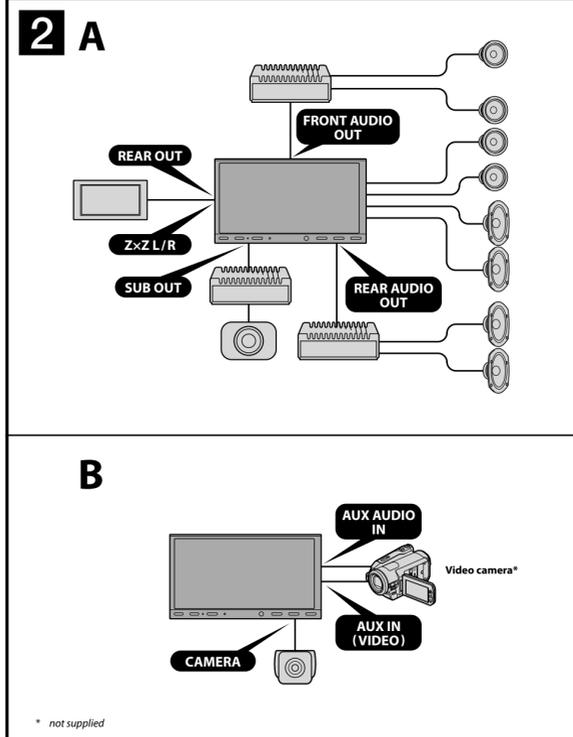
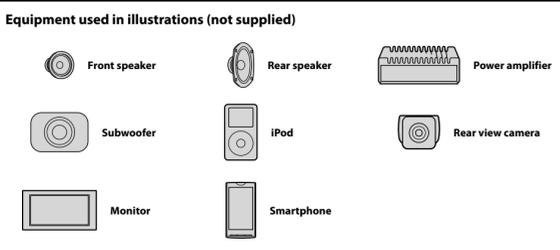
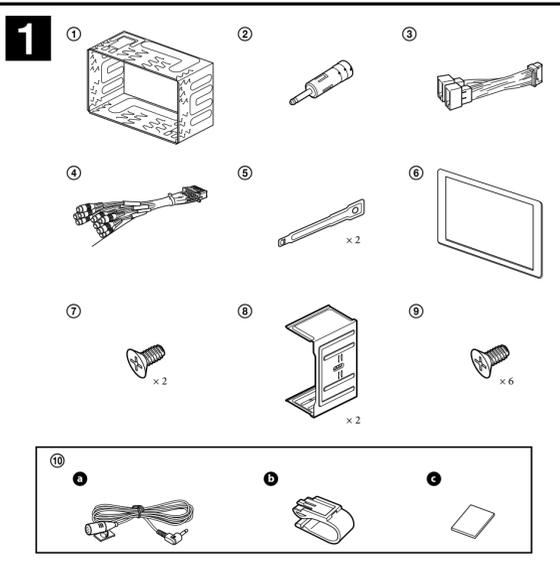
Installation/Connections

XAV-701BT

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* 4 4 2 2 7 1 9 3 2 * (1)



Cautions

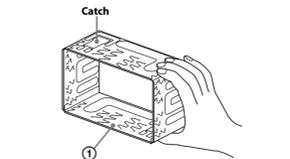
- Run all ground (earth) leads to a common ground (earth) point.
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not disassemble or modify the unit.
- Do not install in locations which interfere with airbag operation.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the power supply connection cable (3) to the unit and speakers before connecting it to the auxiliary power connector.
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- Do not press on the LCD when installing the unit.
- Install the unit with the monitor facing straight forward; do not install it at a slanted angle.

- Notes on the power supply lead (yellow)**
- When connecting this unit in combination with other stereo components, the amperage rating of the car circuit to which the unit is connected must be higher than the sum of each component's fuse amperage rating.
 - If no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1

- The numbers in the list correspond to those in the instructions.
- The bracket (1) is attached to the unit before shipping. Before mounting the unit, use the release keys (5) to remove the bracket (1) from the unit. For details, see "Removing the bracket (1)" on the reverse side of the sheet.
- Keep the release keys (5) for future use as they are also necessary if you remove the unit from your car.
- The screws (7) and frames (8) are attached to the unit before shipping. For details, see "Adjusting the frames (7)" on the reverse side.
- Assemble the parts of the microphone (9) before use. For details, see "Installing the microphone (9)" on the reverse side.

Caution
Handle the bracket (1) carefully to avoid injuring your fingers.



Note
Before installing, make sure that the catches on both sides of the bracket (1) are bent inwards 3.5 mm (1/8 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2

- Notes (2-A)**
- Be sure to connect the ground (earth) lead before connecting the amplifier.
 - The alarm will only sound if the built-in amplifier is used.
- Note (2-B)**
You cannot use multiple auxiliary devices simultaneously, even if they are connected to different terminals.

Connection diagram 3

- To AMP REMOTE IN of an optional power amplifier.
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To the parking brake switch cord.
To an auxiliary device such as a portable media player, game console, etc. (not supplied)
Tip: You can use an RCA pin cord (not supplied) to connect auxiliary devices.
- To the +12 V power terminal of the car's rear lamp lead (only when connecting the rear view camera).

Warning

If you have a power antenna (aerial) without a relay box, connecting this unit with the supplied power supply connection cable (3) may damage the antenna (aerial).

- Notes on the control and power supply leads**
- The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner, or when you activate the AF (Alternative Frequency) or TA (Traffic Announcement) function.
 - If your car has a built-in FM/MW/LW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the antenna (aerial) booster. For details, consult your car dealer.
 - A power antenna (aerial) without a relay box cannot be used with this unit.

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection

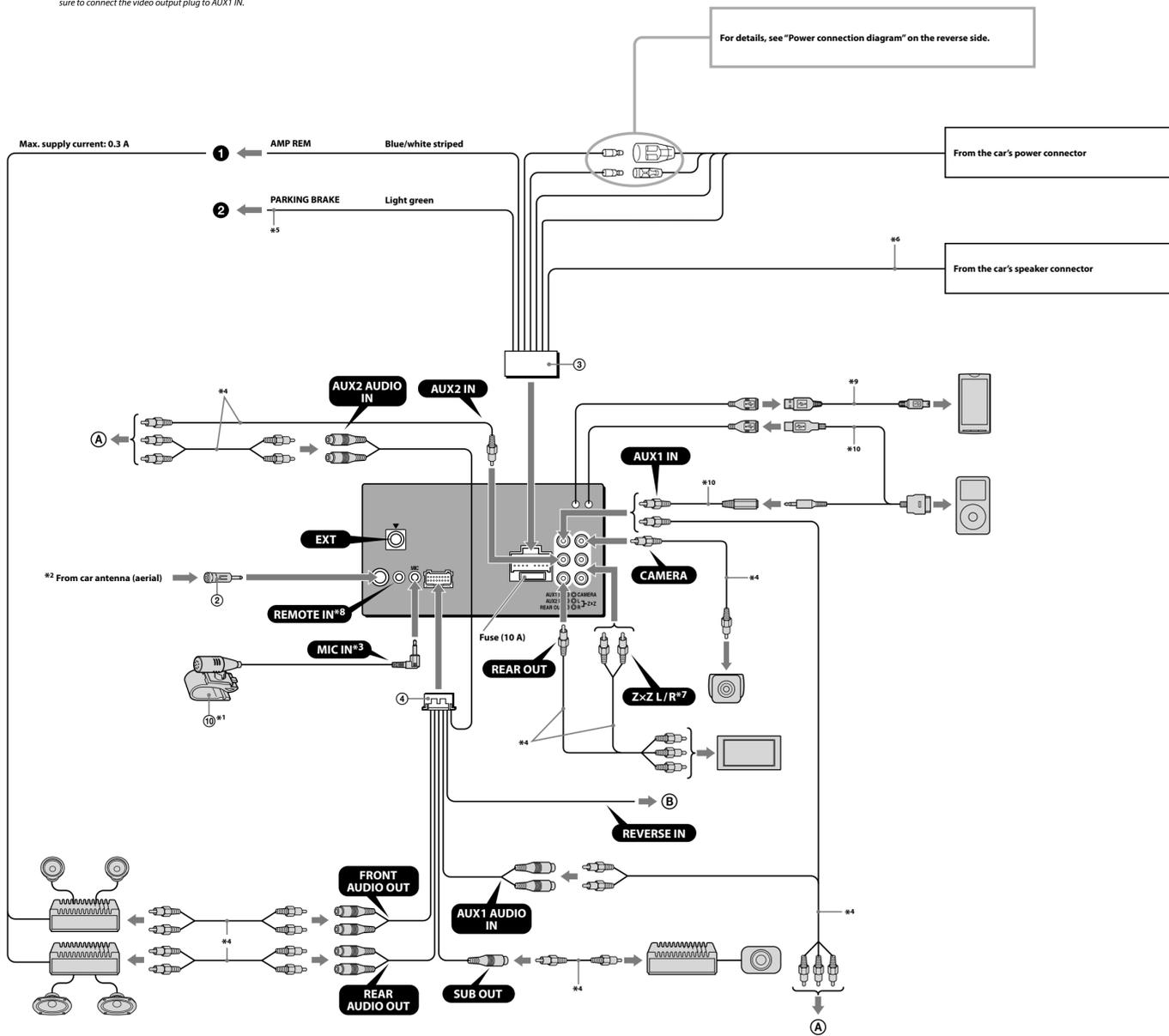
- Before connecting the speakers, turn the unit off.
- Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid damage.
- Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speakers.
- Do not connect the ground (earth) lead of this unit to the negative (-) terminal of a speaker.
- Do not attempt to connect the speakers in parallel.
- Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
- To avoid a malfunction, do not use the built-in speaker leads installed in your car if they feature a common negative (-) lead for the right and left speakers.
- Do not connect the unit's speaker leads to each other.

Notes on connection

- If "Output connection failure" appears in the display, make sure the speaker and amplifier are connected correctly.
- To use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).

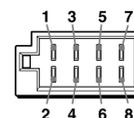
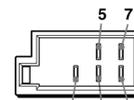
3

- For details on installing the microphone, see "Installing the microphone (9)" on the reverse side.
- If your car antenna (aerial) is an ISO (International Organization for Standardization) type, use the supplied adaptor (2) to connect it. First connect the car antenna (aerial) to the supplied adaptor, then connect the adaptor (2) to the antenna (aerial) jack of the unit.
- Whether in use or not, route the microphone input cord such that it does not interfere with driving. Secure the cord with a clamp, etc., if it is installed around your feet.
- RCA pin cord (not supplied)
- For details on connecting to the parking brake switch cord, see "Connecting the parking brake lead (2)" on the reverse side.
- Speaker impedance: 4 - 8 ohms x 4
- The sound is output from this terminal only when ZONE x ZONE is activated. This terminal outputs a fixed level regardless of the volume control of the unit.
- A separate adaptor may be required.
- Not supplied
- USB connection cable RC-202IPV (not supplied). To connect an iPod via RC-202IPV, make sure to connect the video output plug to AUX1 IN.



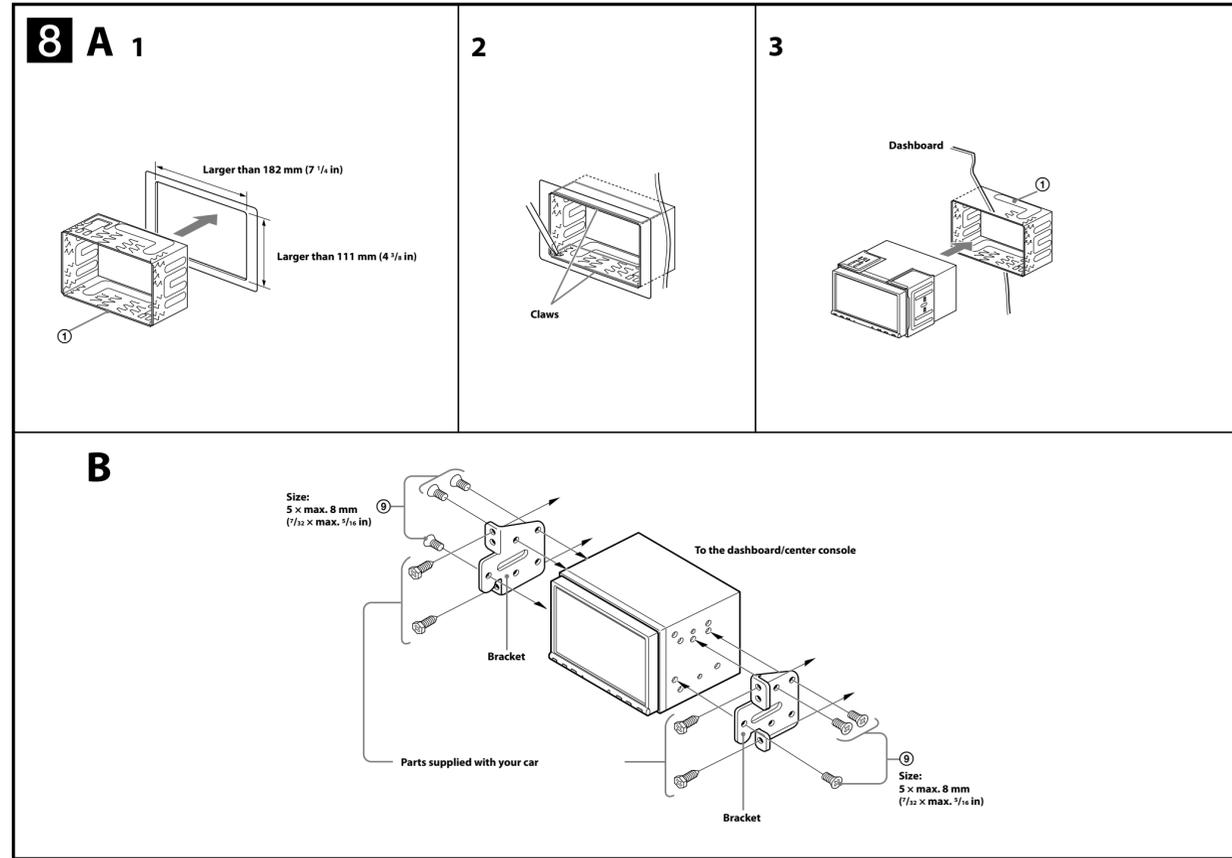
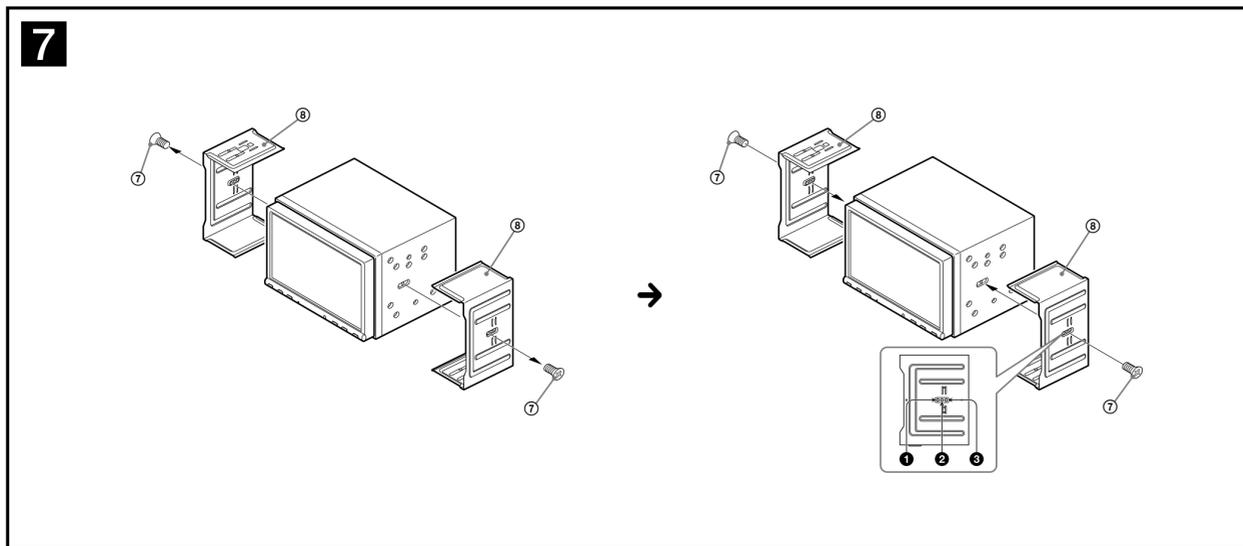
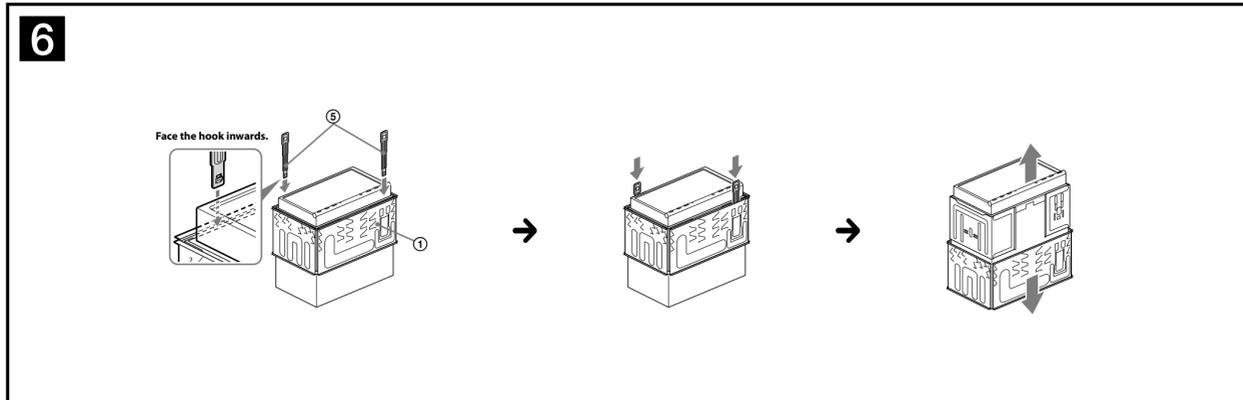
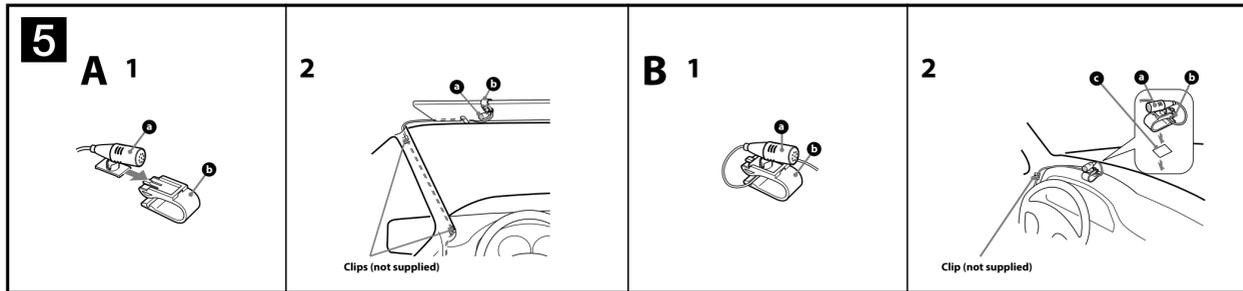
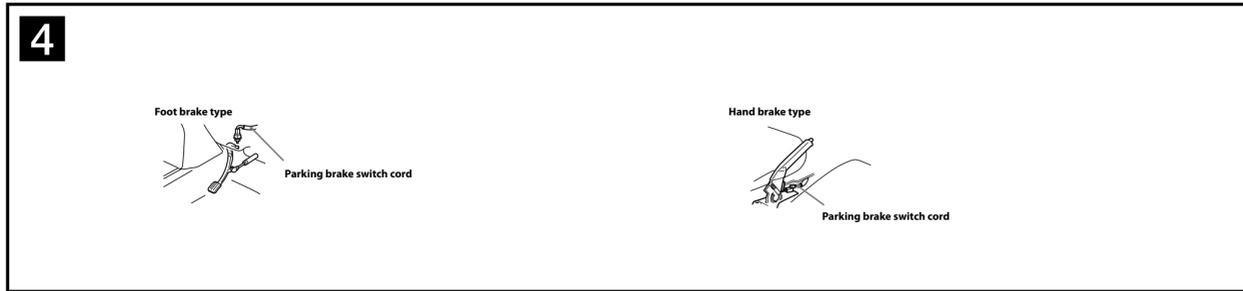
4	Yellow	Continuous power supply
5	Blue	Power antenna (aerial) control
6	Orange/white	Switched illumination power supply
7	Red	Switched power supply
8	Black	Ground (earth)

Positions 1, 2, and 3 do not have pins.



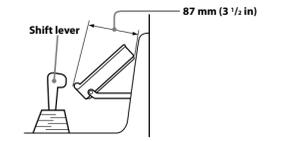
1	Purple	+	Speaker, rear, right
2	-	Speaker, rear, right	
3	Gray	+	Speaker, front, right
4	-	Speaker, front, right	
5	White	+	Speaker, front, left
6	-	Speaker, front, left	
7	Green	+	Speaker, rear, left
8	-	Speaker, rear, left	

Negative polarity positions 2, 4, 6, and 8 have striped leads.



Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperature, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.
- To open/close the front panel smoothly, insert/eject a disc easily, and especially to drive safely, a certain distance between the front panel and the shift lever is necessary. The necessary distance differs, depending on the shift lever position of your car. Before installing the unit, choose the installation location carefully so that you can drive safely.



Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Connecting the parking brake lead

Be sure to connect the parking brake lead (light green) of the power supply connection cable ③ to the parking brake switch cord. The mounting position of the parking brake switch cord depends on your car. Consult your car dealer or your nearest Sony dealer for further details.

Installing the microphone

To capture your voice during handsfree calling, you need to install the microphone ④.

- Caution**
- Keep the microphone away from extremely high temperatures and humidity.
 - It is extremely dangerous if the cord becomes wound around the steering column or gearstick. Be sure to keep it and other parts from obstructing your driving.
 - If airbags or any other shock-absorbing equipment is in your car, contact the store where you purchased this unit, or the car dealer, before installation.

5-A Installing on the sun visor

- Install the microphone ④ on the clip ⑤.
- Install the clip ⑤ on the sun visor.
- Install clips (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

5-B Installing on the dashboard

- Install the microphone ④ on the clip ⑤, then place the cord along the groove of the clip ⑤.
- Attach the clip ⑤ to the dashboard with the double-sided tape ⑥.
- Install a clip (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

- Notes**
- Before attaching the double-sided tape ⑥, clean the surface of the dashboard with a dry cloth.
 - Adjust the microphone angle to the proper position.
 - The microphone ④ can be installed without using the clip ⑤.
 - In this case, directly attach the microphone to the dashboard with the double-sided tape ⑥. Keep the unused clip ⑤ for future use.

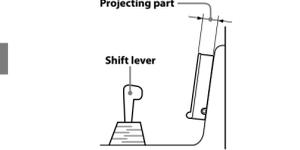
Removing the bracket

Before installing the unit, remove the bracket ① from the unit.

- Insert both release keys ② together between the unit and the bracket ① until they click.
- Pull down the bracket ①, then pull up the unit to separate them.

Adjusting the frames

You can adjust the projecting part of the unit when the unit is mounted.



- Remove the screws ⑦ from both sides of the unit.
- Choose a screw hole from ①, ② or ③ on each frame ⑧.
- Reattach the frames ⑧ with the selected screw holes with the removed screws ⑦.

- Notes**
- Choose the same screw hole position on both frames.
 - If you intend to secure the frames with screw holes ② or ③, make sure that there is enough space in the dashboard of your car for the unit.

Mounting the unit

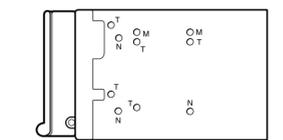
8-A Mounting the unit with the supplied bracket

- Position the supplied bracket ① inside the dashboard.
- Bend the claws outward for a tight fit.
- Mount the unit onto the supplied bracket ①.

8-B Mounting the unit in a Japanese car

You may be able to install this unit in some makes of Japanese cars without the supplied bracket. If you cannot, consult your Sony dealer.

When mounting this unit to the preinstalled brackets of your car, use the supplied screws ⑧ in the appropriate screw holes, based on your car: T for TOYOTA, M for MITSUBISHI and N for NISSAN.



- Notes**
- To avoid a malfunction, install only with the supplied screws ⑧.
 - Do not apply excessive force to the buttons of the unit.
 - Do not press on the LCD.
 - Before mounting, make sure there is nothing on the top of the unit.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, refer to the supplied "Operating Instructions". The unit will shut off completely and automatically in the set time when no source is selected, which prevents battery drainage. If you do not set the Auto Off function, press and hold (SOURCE/OFF) until the display disappears each time you turn the ignition off.

Power connection diagram

The auxiliary power connector may vary depending on your car. Check your car's auxiliary power connector diagram to make sure the connections match correctly. There are three basic types (illustrated below). You may need to switch the positions of the red and yellow leads of the unit's power supply connection cable ④.

After matching the connections and switched power supply leads correctly, connect the unit to the car's power supply. If you have any questions and problems connecting your unit that are not covered in these instructions, please consult your car dealer.

