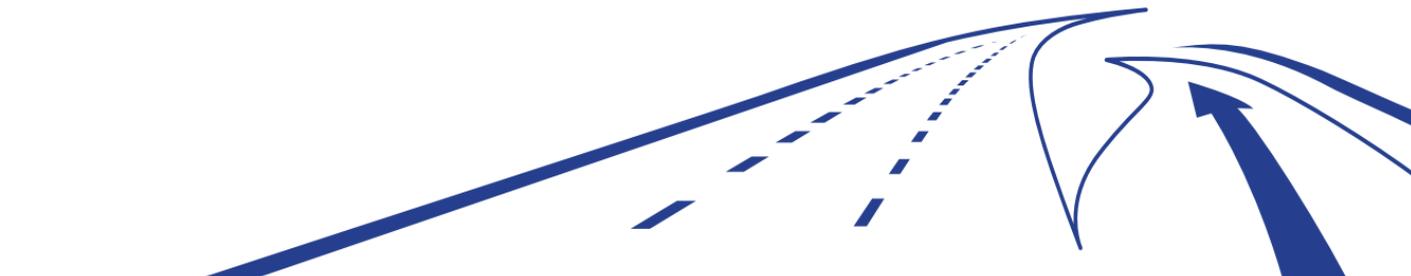


Car GPS Navigation Box



Please read the user guide and following precautions
before you install or use OBU device.

Hardware User Manual

Disclaimer

This user guide contains the information you need when installing and use OBU device. During the edit process, we will be made to ensure accuracy, no guarantee can be provided as to the accuracy and completeness of the information. Please note that user manual shown here is for reference purposes only.

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BEFORE YOU PROCEED

- This user guide contains the information you need when installing and use OBU device.

NOTICE

CAUTION

This symbol is intended to die or serious hurt risk the user to the presence of important operating and installation.

NOTICE

This symbol is intended to hurt or equipment damage risk user to the presence of important operating and installation.

► **Legal Notification**

This document not be copied without our written permission, and the content there of must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted. We believe that the information contained herein was accurate in all respects at the time of printing. Device manufacturer cannot, however, assume any responsibility for errors or omissions in the text. Also note that the information in this document is subject to change Without notice and should not be construed as a commitment by device manufacturer.

Safety Notification

Take note of the following precautions before you install or use OBU device.

CAUTION

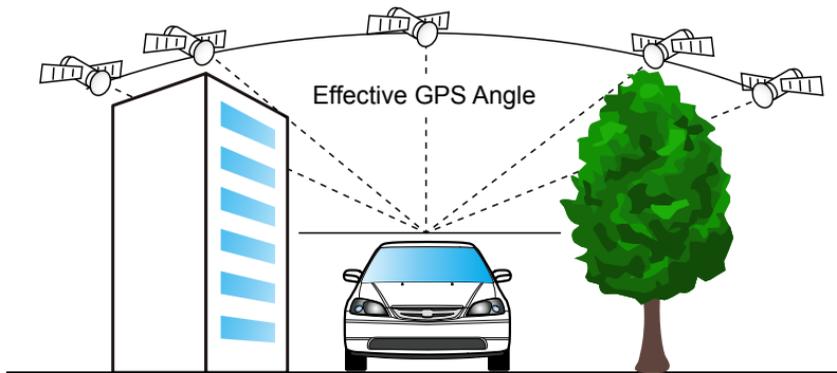
- Don't install device at influence driver's ray position.
- Don't install device on air bag cover and impede air bag activity area.
- Don't utilize car safety part for install device and cable.
- Before install the device, carefully read all manual and install explain.
- Please confirm machine is fixed by installation.
- Please confirm the connect cable can not influence drive etc.
- To avoid short circuits, check the cable circuits whether it is isolation.

NOTICE

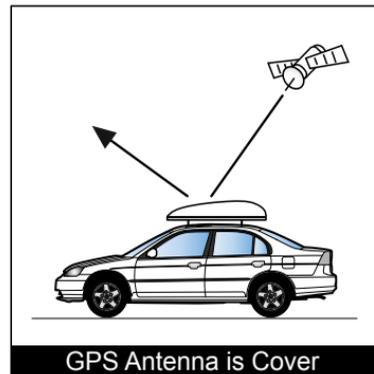
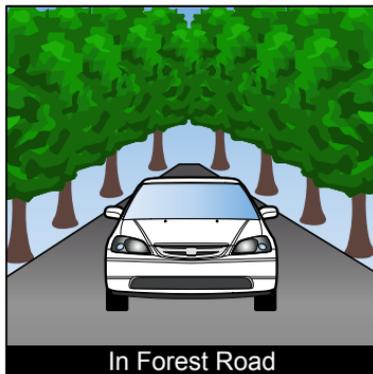
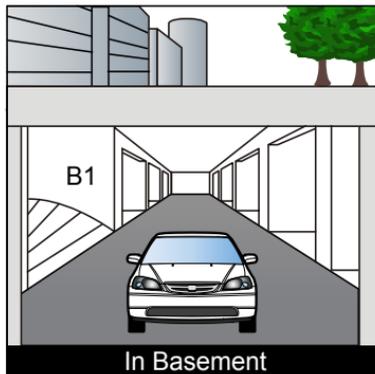
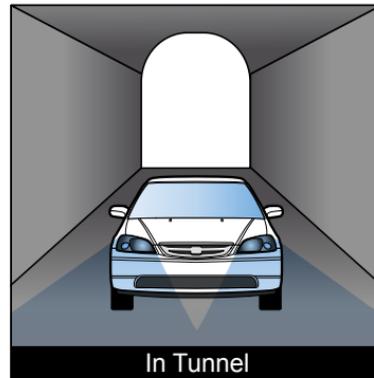
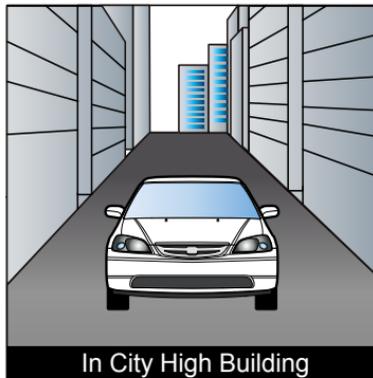
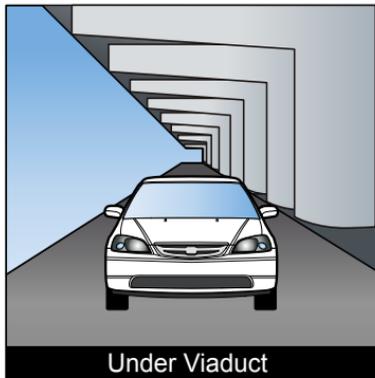
- Please confirm machine is installed by certificated maintenance technical staff.
- Make sure that your car power output is correct voltage.
- Avoid dust, humidity, and temperature extremes. Do not place the device in any area where it may become wet.
- Place the product on a stable surface, don't install device on strong vibration position.
- Before using the product, make sure all cables are correctly connected.
- If you encounter technical problems with the device, contact your retailer or distributor, don't open or fix the device by yourself.
- If the device is opened by oneself for any unauthorized purpose. The warranty will to become prescribe.
- Don't random modify device Hardware OS be used for any unauthorized purpose. The device may be system failure.

GPS Signal Receivers

Although today's GPS signal receivers are extremely accurate. Certain atmospheric factors, high building and other sources of error can affect the accuracy of GPS signal receivers.



The following environment sources of error can affect GPS signal receivers.



PACKAGE CONTENTS

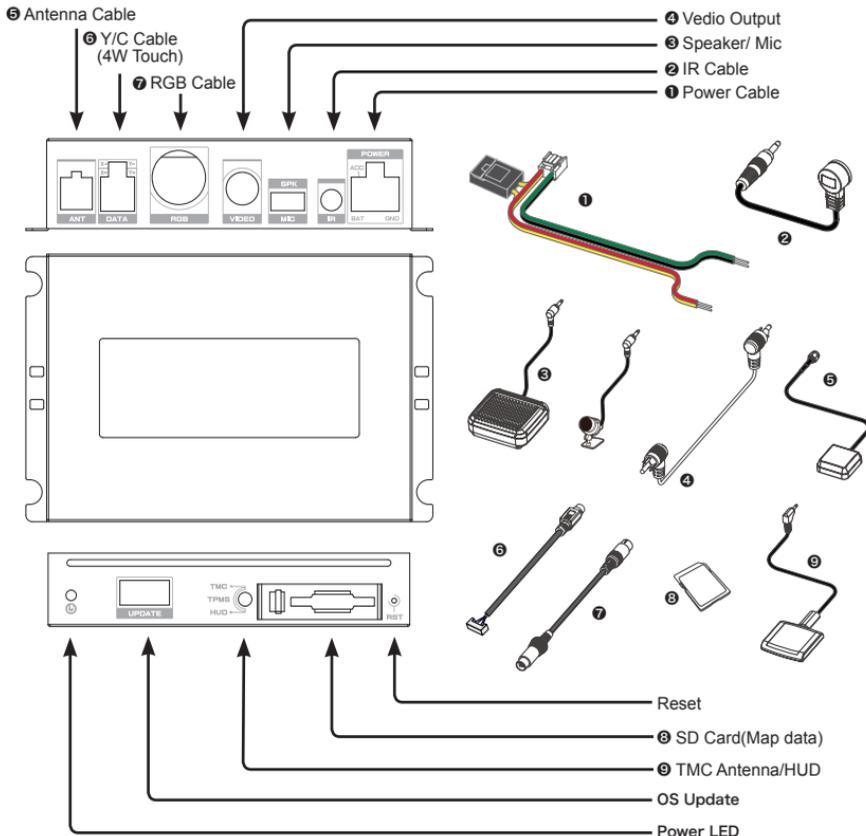
Check your package for the accessories supplied.

Item	Description	Figure	Amount
1	GPS Active Antenna		1
2	IR Receiver Cable (Option)		1
3	Power Input Cable		1
4	Speaker/Mic Y Cable (Option)		1
5	Mic (Option)		1
6	Mono Speaker (Option)		1
7	SD Card(Option)		1

Item	Description	Figure	Amount
8	Twin Adhesive Velcro		1
9	Remote Control (Option)		1
10	RGB Cable(Option)		1
11	RCA Output Cable (Option)		1
12	Y/C Cable(4W Touch) (Option)		1
13	TMC Antenna (Option)		1
14	H/W User's Manual		1

Note: Accessories will be to modify without notice as improve reason by device manufacture.

HARDWARE INSTALLATIONS



i NOTICE

- Please confirm machine is installed by certificated maintenance technical staff.
- Please confirm machine is installed by certificated retailer or distributor.

i NOTICE

- The device is design suitable for negative grounding DC12V system vehicle.
- Before install the device, carefully read all manual and install explain.
- Make sure all cables are correctly connected.
- Different brand type Touch Panel need to correspond by special RGB or Y/C cable (option).
- To avoid short circuits, check the cable circuits whether it is isolation.
- Please confirm all connect cable is fix by installation.
- If installation process have difficulties or problem to inquiry distributor.
- If necessary, machine install to car carpet by Twin Adhesive Velcro.
- Do not place the device in any area where it may become wet.
- Do not place the device in any area where it is on strong vibration position.

NOTICE

- Place IR receiver and voice navigation speaker to suitable position.
- Do not place IR receiver and speaker at influence driver, air bag function etc.
- IR receiver should be installed position of remote control (Option) easy aim it.

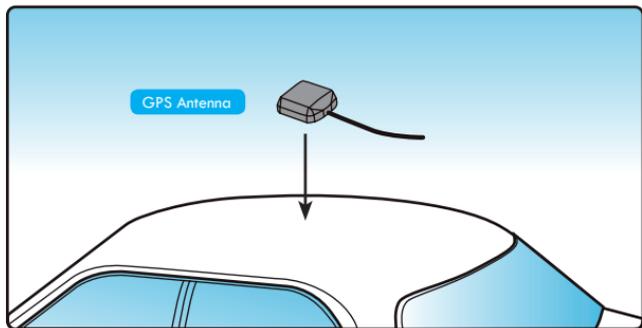
CAUTION

The following position don't place GPS antenna.

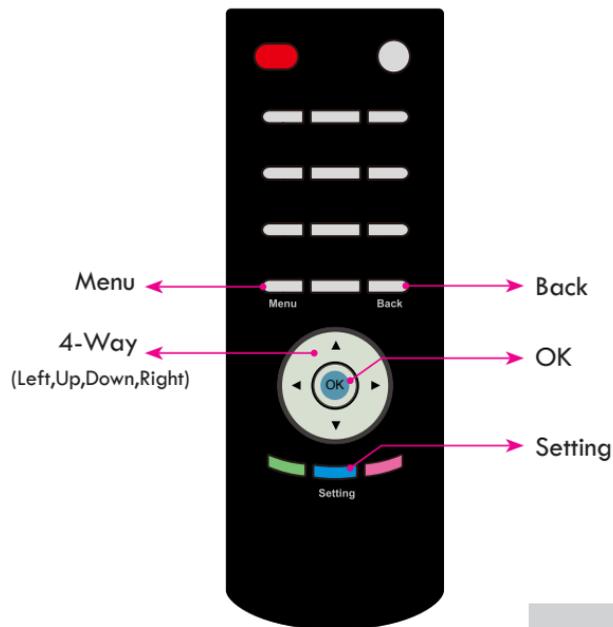
- High temperature position.
- Driver influenced position.
- Air bag function impeded position.
- Near mobile phone, radio, CD/DVD player etc. electric equipment.
- Near air conditioner wind exit or other equipment.

NOTICE

- **Do not** place the magnet card (credit card etc.) near GPS antenna.
- **Do not** place the GPS antenna install to near other device antenna.
- The percentage of metal containing of the film may influence the signal receiving of GPS.
- **The car roof is best position of GPS antenna installation.**



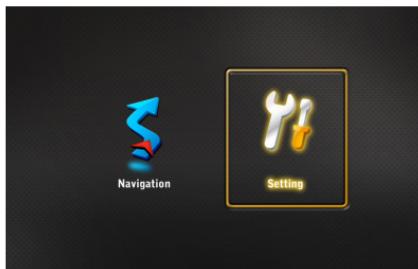
REMOTE CONTROL FUNCTION (Option)



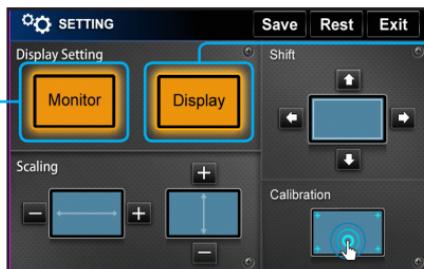
Key	Description of function
Menu	The Menu of navigation system
4-Way	Press to move the map or scroll though Menu option

Key	Description of function
OK	Confirm selection
Back	Press 1 sec system back before step
Setting	Press to into general setting screen

SCREEN SETTING AND CALIBRATION



- 1 Press setting button to enter Menu List with Starting Logo.....



- 2 Select adapt Display Setting & enter **Monitor** function from the Menu List.



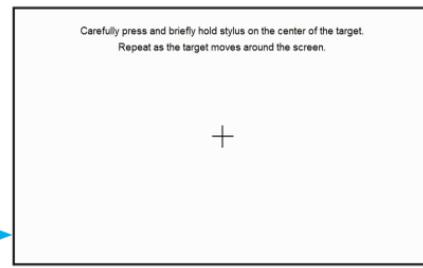
- 3 Select **Display** . Touch [◀ , ▶] to adjust Brightness, Contrast, Hue, Saturation.



- 4 Select adapt monitor from the list.



- 5 Select **Scaling** . Touch [+ , -] to adjust Select **Shift** . Touch [⬆ ⬇ ⬅ ➡] to adjust screen position, Press [SAVE] to save.



- 6 Select **Touch Calibration**. Press hold stylus of the target. Repeat as the target moves a round the screen.

TROUBLESHOOTING

The following troubleshooting tips may help if you experience problems. Contact your retailer or distributor retailer for more advanced troubleshooting information.

1: What shall I do if there is no satellite signal being received by my OBU?

- (1). Take your car out of parking garages and away from tall buildings and trees. Remain stationary for several minutes.
- (2). Please check does windscreen stick automotive insulation paper.
- (3). Do not place above vehicle operates control and dashboard and avoid place vehicle A-pillar
- (4). Check the machine whether it is on simulation mode.

2. Different brand type Touch Panel need to correspond by special RGB or Y/C cable.

3. Voice problem:

- (1). None voice:
 - a. Check the machine it is on mute mode.
 - b. Check Speaker whether it is bug.

4. Remote Control tap button none function. (Remote Control is option)

- (1). Check the battery whether it has enough electric power.
- (2). Check the remote control whether it is direct to IR receiver direction.
- (3). Check the remote control whether It is tap other function button.

5. System shutdown or screen pending:

- (1). Wait car parking stop. Power switch off and then on.
- (2). Press the machine's reset button to start setting mode. (Reset button is located in SD right side hole)

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Car **GPS Navigation** Box
Hardware User Manual