

HUD Product User Manual

Thank you for selecting our Head-up Display products. Please read this User Manual carefully before using the Product to assure full use of functions and normal operation of the Product.

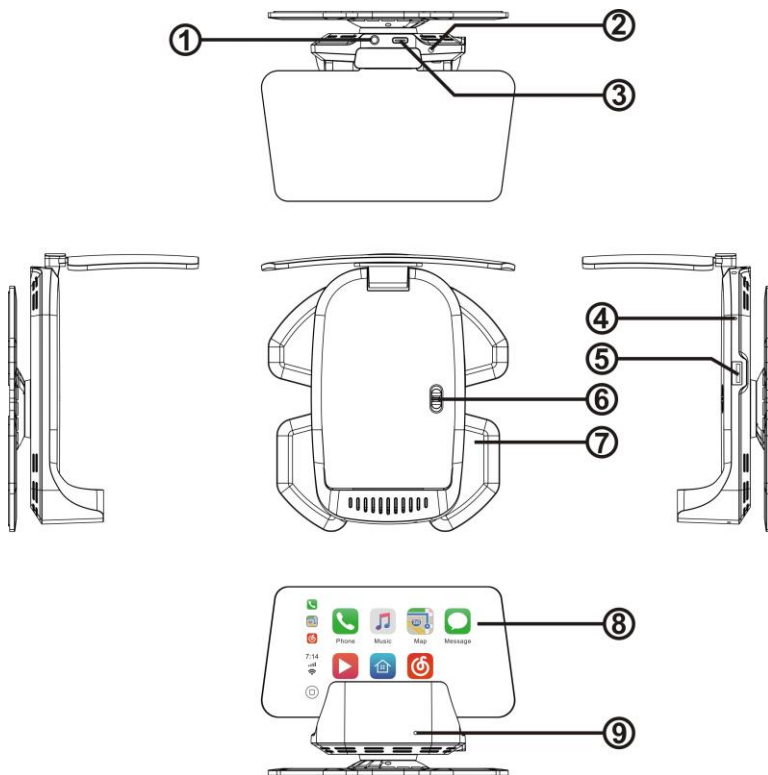
1. Product Introduction

This product is a head-up display device for automotive after market. Through innovative product design concepts, the device enables you to use navigation, listen to music, make calls, and send and receive messages while driving, without leaving your eyes from the road, and keep your hands on the steering wheel. Drive your car safer.

2. HUD Product Diagram

The HUD consists of three parts: the main body, the OBD connector, the connecting cable, and the remote control.

2.1. The main body

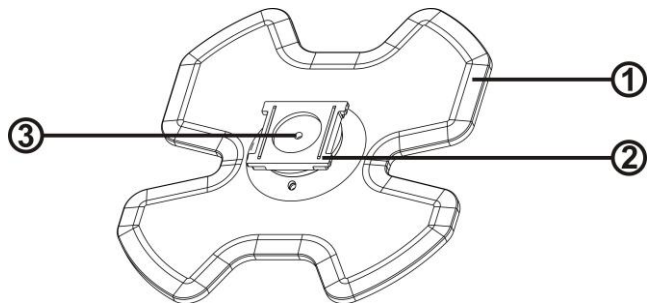


- ① 3.5 mm audio output interface
- ② Ambient light sensor detection hole
- ③ OBD connector
- ④ Reset hole
- ⑤ USB socket
- ⑥ Switch on/off
- ⑦ Base

⑧ Image combiner (Combiner)

⑨ MIC

2.2. The Composition of Base

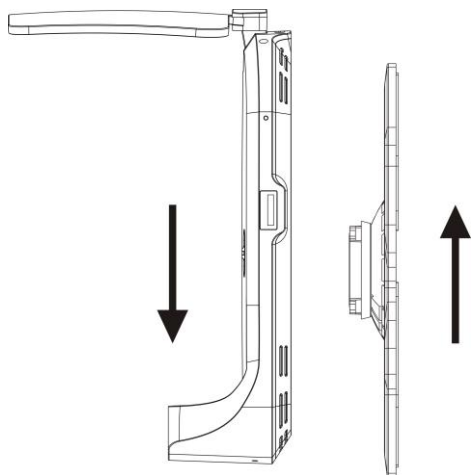


① Adhesive pad

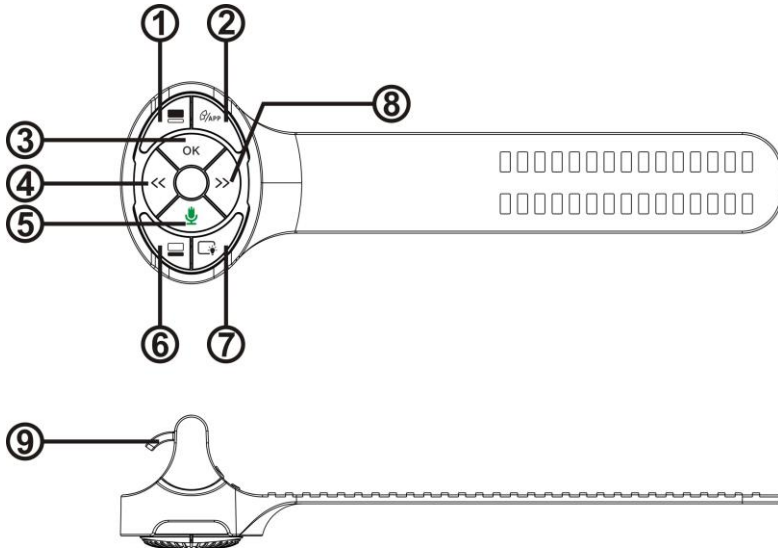
② Universal support table

③ Universal support table fastening screw (the screw has been adjusted to the fine adjustment of the universal support table before leaving the factory)

2.3. How to Separate the Base

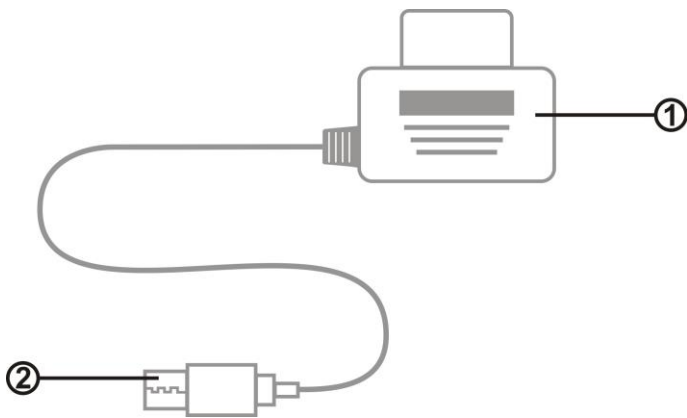


2.4. Remote Control



- ① Upper Selections (For Android Auto)
- ② APP and vehicle information switch(long press enter menu)
- ③ OK
- ④ Previous item
- ⑤ Voice assistant
- ⑥ Lower Selections (For Android Auto)
- ⑦ Screen on and off
- ⑧ Next item
- ⑨ Buckle

2.5. OBD II

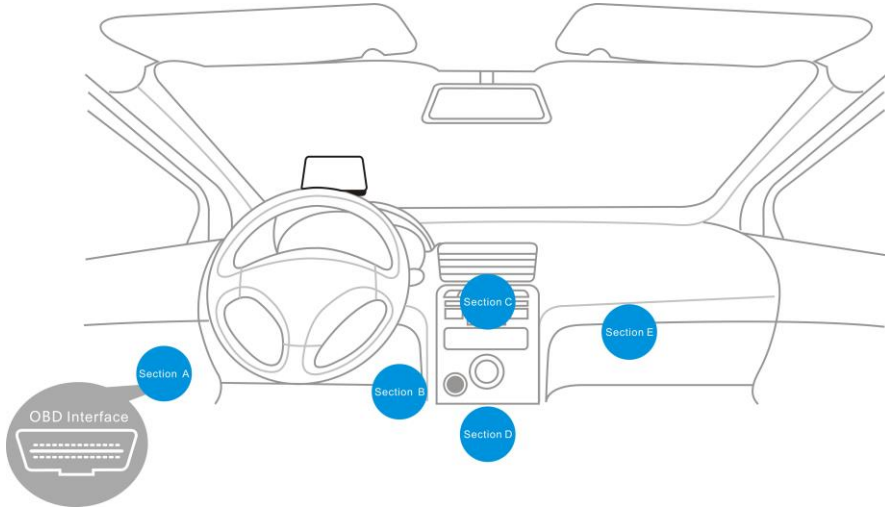


- ① OBD Male and OBD Readout Circuit
- ② TypeC

3.Operation Instructions

3.1. First Use

3.1.1. You can find the OBD port of your car at several locations in the figure. The port is shown in the lower left corner



3.1.2. Connect OBD, use Type C to connect with product, and turn on the product.

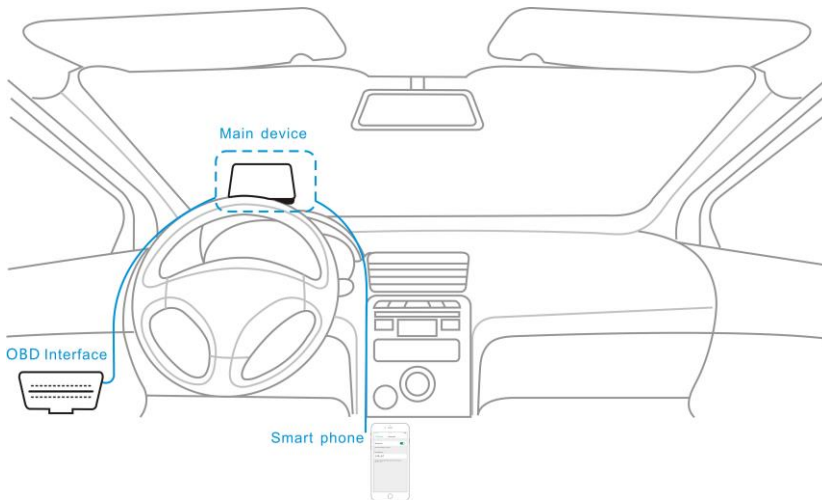
3.1.3. Start the car and the HUD will starting up about 3 seconds later (The start-up time of HUD is slightly different for different types of vehicles)

3.1.4. Open the image combiner to the vertical position

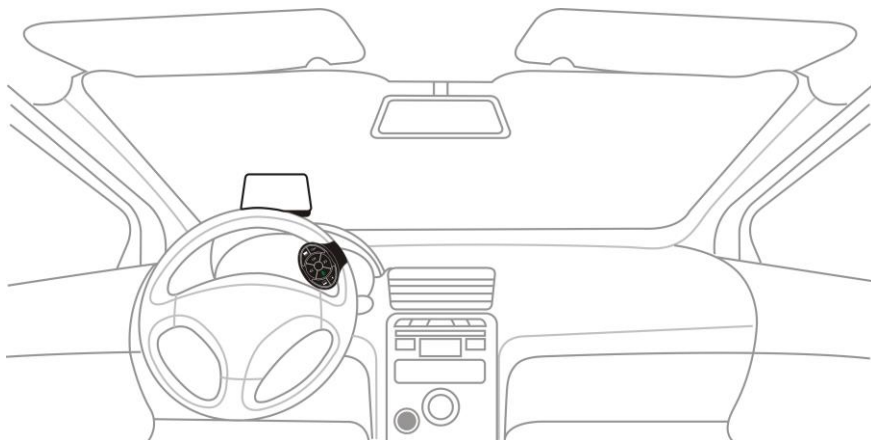
3.1.5. Adjust the combination of the base and the product, and fine-tune the angle of the image combiner to find a position where the image can be seen in the driving position, mark this location.

3.1.6. Remove the base adhesive protection paper and attach the main body and the base to the center console. And make the final fine-tuning.

3.1.7. Insert the mobile phone data cable into the USB interface and use the cable clips to organize the data cable and OBD cable.



3.1.8. Fix the remote control on the steering wheel

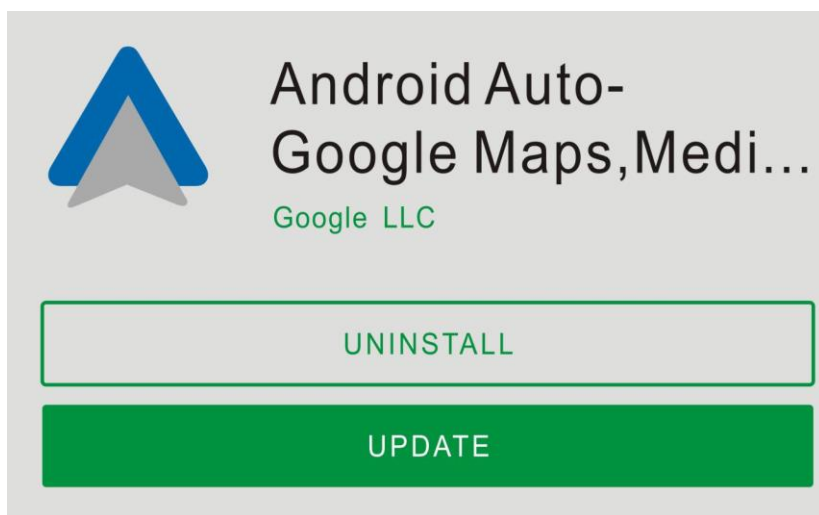


3.1.9 for iPhone users

3.1.9.1. Connect to the phone, HUD automatically wakes up Carplay function and projects the image onto the image combiner.

3.1.10 for Google Auto users

3.1.10.1. Please move to the Google app market to search for and install the Android Auto app designed by Google.



For some mobile phones, you may also be asked to install some supporting apps;

3.1.10.2. Connect to the phone, HUD automatically launches the Google Auto interface and projects it onto the image combiner.

3.1.10.3. Open the phone settings interface, search for HUT_BT Bluetooth device, and connect.

3.1.10.4. If need PIN code during connect, input 0000.

3.2 Use the steering wheel remote control

3.2.1. Press and hold the "APP and vehicle information switch" button to open the setup menu. Set the FM

frequency. Press and hold the same button to exit the menu settings.

3.2.2. Turn on the radio and set it to the frequency as you just set.

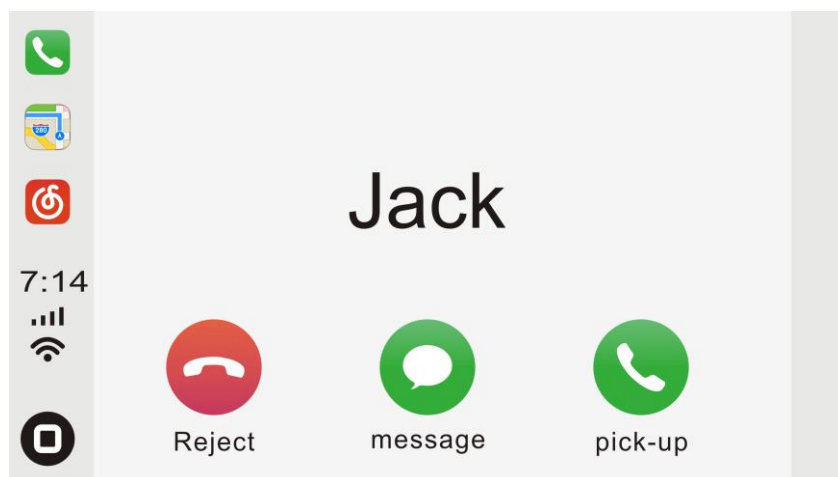
(At this point, you have completed preparation before use.)

3.3 Daily use

3.3.1. APP and vehicle information switching: single-press "APP and vehicle information switch" button to switch between OBD information and vehicle system

3.3.2. Voice Assistant

This HUD supports voice control. press the "Voice assistant" to activate the voice assistant. And say what you want to do, such as: call xxx, send message xxx to xxx, start Waze, etc.



3.3.3. APP startup and control

You can use "Previous item" and "Next item" and "OK" button to start APP and control APP.

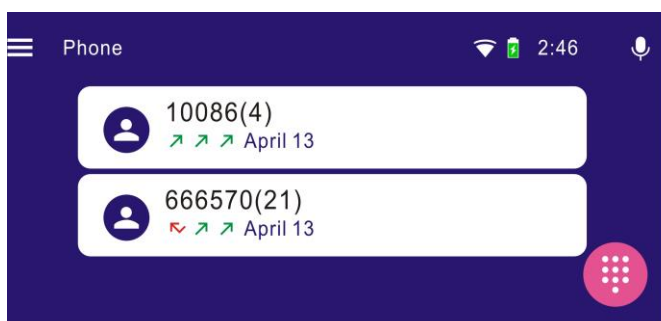
For example, when the phone is dialed in, the interface is as follows: You can choose to answer or hang up, or reply by message. After selecting, press the dial to confirm the selection.

3.3.4. Off Screen

In some cases, you don't need display. Then you can press the "off screen" button to turn off the display. The device is still running at this time. The navigation, played music continues. Press "Off Screen" key to toggle the display on / off whenever you need it.

3.4 Google Auto users

3.4.1. The GoogleAuto control is divided into two areas;



Upper Selections



Lower Selections

Use the "Upper Selections" and "Lower Selections" buttons to switch between different selections, and then use "Previous item" and "Next item" and "OK" key to select the controls you want.

3.4.2. The menu on the top left of Android can be selected by long pressing the "Upper Selections" button.

3.5 Menu

3.5.1. Press and hold the "APP and vehicle information switch" button to open the setup menu.

3.5.2. In setup menu, you can set "Language", "Speed unit" and FM frequency, Press "Comfirm" key to open options list for each item.

3.5.3. In FM Frequency sub menu, you can use Previous item" and "Next item" key and "Upper selections" or "Lower Selections" to select transmit frequency. "OK key" to confirm your setting.

4. Technical parameters

Rated working voltage	12V-24V
Limit working voltage	8-27V
USB output	500ma
Working temperature	0-75 degrees
TFT screen resolution	480*240
Projection size	15-inch virtual image two meters away
SNR	>60dB
Degree of distortion	<0.1%
Frequency response	20Hz-15Khz
Left and right channel separation	> 60dB
Bluetooth version	Version4.2+EDR
Bluetooth sound processing	A2DP(Advance Audio Distribution Profile)
Bluetooth effective distance	<10M
Effective distance of bluetooth microphone	0.5-2M
FM frequency	88.1-107.9MHZ
Transmit FM mode	Stereo digital PLL lock frequency

5. FAQ

5.1. Why can't I quit the app?

Some of the App's Carplay versions are defective, leading to the use of turntable selection control, always in the control of APP circular selection, unable to return to the main menu. At this point, you can open other apps by voice and return to the main interface menu in other apps. You can give feedback to the APP designer.

6. Packaging accessories

1) Main unit 2) OBD line 3) Remote control 4) Cable clips 5) Instruction manual 6) Packing box

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

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

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.