



AMROOLOO C1 Dual System Car Head-up Display Instructions

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AMROOLOO

AMROOLOO C1 Dual System Car Head-up Display



Product Information

- **Product Name:** Car Head Up Display C1
- **Design Patent and Display Images Copyright:** Registered with customs record

Introduction

- The Car Head Up Display (HUD) is designed to display important car dashboard information such as speed, RPM, water temperature, voltage, trip distance, etc.
- Its main function is to keep the driver's eyes on the road at all times, avoiding the dangers of looking down to read the dashboard.

Kindly Attention

- **OBD2 mode working voltage:** 11V~18VDC (12vdc/200mA).
- If the voltage is higher than 24v, please use a USB cable for GPS mode.
- The default system is OBD.

Specifications

- **OBD2 mode working voltage:** 11V~18VDC
- **Power Consumption:** 12vdc/200mA

FAQ

- **Q:** What is the purpose of a Head Up Display (HUD)?

- **A:** The main purpose of a HUD is to display important car dashboard information, allowing the driver to keep their eyes on the road at all times.
- **Q:** How do I enter the setting mode?
 - **A:** Long press the setting button to enter the setting mode.
- **Q:** What should I do if the screen does not display anything and there is no power?
 - **A:** Start the car engine, check the OBD cable line for tightness, pull down the OBD cables multiple times, and ensure that the product power switch is turned on. If there is still no display, try using another car to test and analyze the car's OBD diagnostic interface.
- **Q:** Can I use this product with any car?
 - **A:** This product is only available for cars with OBD2 agreement and EU-OBD agreement. It does not support JOBD and OBDI.
- **Q:** How do I clean the DTCs?
 - **A:** Switch to the Clean DTCs option and short press the button to finish the cleaning.
- **Q:** Can I use this product with a car that is not used for more than one week?
 - **A:** It is recommended to unplug the device if your car is not used for more than one week.

(This product Design Patent and Display Images Copyright had been registered with customs record)

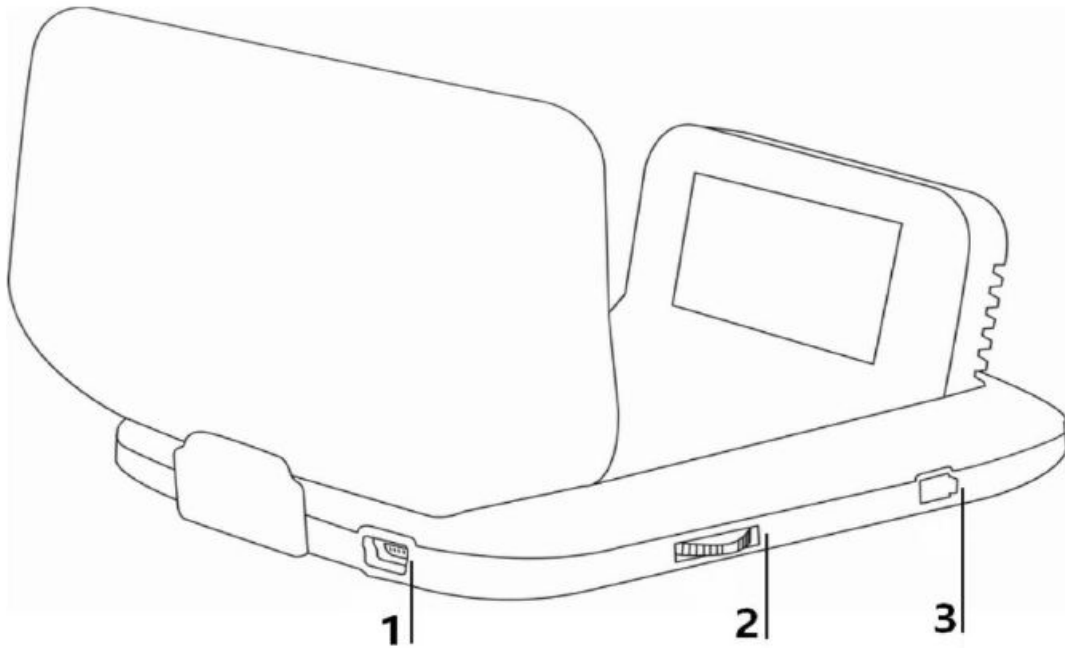
Introduction

HUD short for Head Up Display, The main function is to display the car dashboard information (e.g. speed, RPM, water temperature, voltage, trip distance etc), and keep the driver eyes always on road to avoid the dangerous of lowering down head to read the dashboard.

Kindly Attention

- OBD2 mode working voltage: 11V~18VDC (12vdc/200mA), when voltage is higher than 24v, please use a USB cable for GPS mode.
- System selection: When HUD is power on, Pull up the setting button to select the language and systems. Default system is OBD.

Key functions



1. USB input
2. Setting button(can pull up,pull down,short press in,long press in)
3. power button

Setting button functions

When the setting button in the left 

1. Short press in(quick press in the button and release within 1 second):
 1. to switch the display mode
 2. to choose menu after entering the setup menu
2. Long press in(press in the button more than 2 seconds and release):
 1. to enter the setting menu
 2. to save and exit after setting
3. Pull up:
 1. to switch the functions in the left area
 2. to change the setting options
4. Pull down:
 1. to switch the functions in the right area
 2. to change the setting options

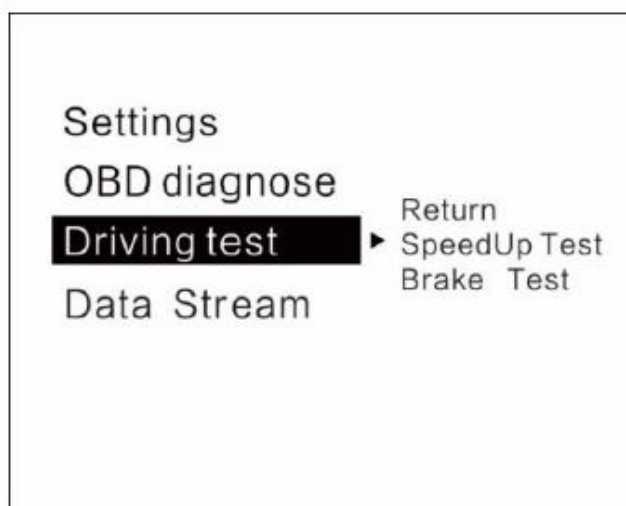
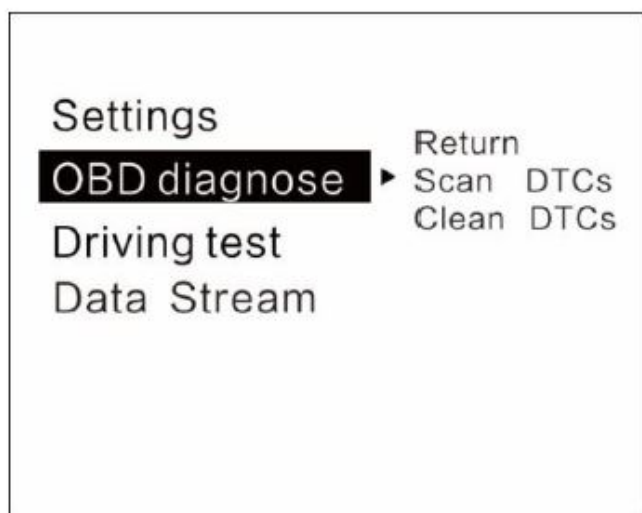
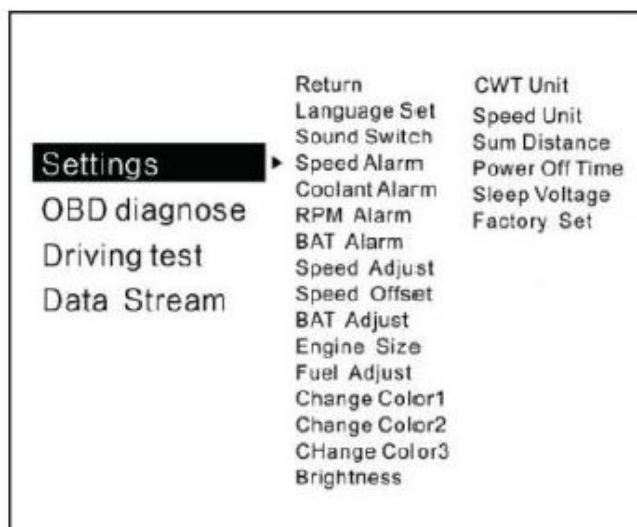
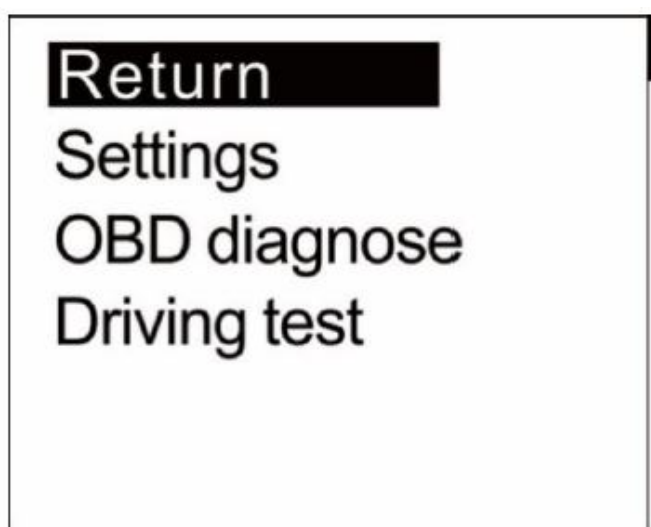
Pull left/right to switch the multi functions area

Below are the functions abbreviations:

ECT – Engine Coolant Temperature	VLT – Voltage	FUE – Fuel Consumption
RPM – Revolutions Per Minute	ODO – Odometer	TIM – Driving Time
DIS – Driving Distance	MAP – Intake Pressure	OIT – Oil Temperature
A/F – Air-fuel Ratio	TCP – Turbine Pressure	PSI – Intake pressure
RTC – Real-Time Clock	ALS – Altitude	GPS – GPS satellite numbers
DIR – Driving Direction		

Setting Mode(Menu mode)

Long press in to enter into the setting mode,pull up to choose the menu,and short press in to confirm.Once finishing the setting,long press in to exit.



- **Language Set:** Please choose your familiar language (EN-English / CN-Simplified Chinese/ TW-Traditional Chinese)
- **Sound Switch:** turn on/off the buzzer
- **Speed Alarm:** the default value is 150 (the default value can be changed,pull down is to decrease,pull up is to increase, adjust range is 5-200km/h)
- **Coolant alarm:** default value is 120°, it means this device will give alarm when Coolant temperature is over

120°(adjust range is 50-200)

- **RPM alarm:** default value is 6000 r, it means this device will give alarm when RPM over 6000 r(adjust range is 1000-8000)
- **BAT Alarm:** default value is 10.5V, it means this device will give alarm when battery voltage is lower than 10.5V(adjust range is 10.0-15.0V)
- **Speed Adjust:** adjust the speed according to the dashboard,default value is 107%(if the speed is different with the dashboard,then can adjust the value. For example, if the dashboard speed is 100Km/h, and the device speed is 105KM/h, then please adjust the value to 102)
- **Speed Offset:** When the vehicle turns off,but the device speed is not 0, then adjust the device
- **Speed Offset value** (if the device speed shows 5KM/H, then change the device Speed Offset default value at 5)
- **BAT Adjust:** if the battery voltage is different with the vehicle,it can be adjusted. (if the device voltage is 0.2V higher than the dashboard's,please change the value to 98%)
- **Engine Size:** if the fuel consumption is much different with the dashboard,please change it as the Displacement size(for example, if the vehicle displacement is 3.6L, please change the default value to 3.6L)
- **Fuel adjust:** default value is 100%,it can be adjusted when the fuel consumption is different with the dashboard.
 - (for example, if the device fuel consumption is 0.2L higher than the dashboard, please adjust it to 98%)
- **Change Color 1:** the speed color in the main display interface
- **Change Color 2:** the left side functions color on the screen
- **Change Color 3:** the right side functions color on the screen
- **Brightness:** default 0(Automatic sensitivity),1-8(the brightness will be increased as the digital added)
- **CWT Unit:** default coolant temperature is °C,also can be changed to °F
- **Speed unit:** KM/h or MPH can be changed
- **Sum distance:** can make the total driving distance same as dashboard(if the dashboard shows the sum distance is 30000Km,the user can make the device value at 30000KM)
- **Power off time:** default power off time is 10s,for Auto start and stop cars,please make the power off time to 180-240s
- **Sleep Voltage:** default is off ,if the device can't auto off,please adjust the voltage at 13.2V or higher
- **Factory set:** short press in to do the factory set
- **Time adjust:** default time is GMT+8(China time), can change the it to local time by pulling up/down.

Driving test

- **Speedup test:** show the speed,distance,driving 400m takes time,driving 100m takes time
- **Brake Test:** Brake when the speed is over 60 KM/H, then it show brake distance and time

Error code set

- **Scan DTCs:** scan the ECU to check if there is the error code,and show the error details
- **Clean DTCs:** switch to Clean the DTCs,short press in the button to finish the cleaning

Data Stream

- Show all the vehicle data stream

Please note

- It is recommended to unplug the device if your car doesn't been used for more than one week.

System Troubleshooting

OBD2 System Troubleshooting

The screen without any display,and no power

- Start the car engine;check if the OBD cable line is tight;please pull down the OBD cables more times to ensure;check if product power switch turns on. If still no display ,please change another car to test, analyze whether the car OBD diagnostic interface is good, if it is not good,please repair it and try again.

Only shows the car voltage and be automatic power off after 30 second when the device is with power

- This product just available for cars with OBD2 agreement and EU-OBD agreement(European region: after 03 years, Other region:after 07 years)
- This Products do not support JOBD and OBDI and recommended test for another car.

Inaccurate Speed

- First check the speed unit is correct or not, the speed unit including KM/H and MPH,please refer to the setting to switch the unit.
- When the product is power on,long press in the button to enter into the menu option,pull down the button to choose the speed adjust,short press in the button to set the value,pull down or up to change the value.(if the dashboard shows 100,and the device shows the 101,change the default value at 106%)

Inaccurate Fuel consumption

- Check your car displacement,and set the device same as your car(if your car is 2.0L,then change the device value at 2.0L).The fuel consumption can be adjusted,but we don't suggest to change it ,because all the datas are read from the car ECU directly.

The device can not auto power off

- Adjust the sleep voltage to 13.2V or 13.6V, then HUD will power off in 3 minutes.

Auto start and stop cars

- Change the Power off time to 180s

HUD crashes in driving,or Hybrid car

- Change the power off time to 180 or 300. If still can't solve, please switch to GPS system.

Wrong operation lead to crashes

1. Please check the OBD interface if connected with the other device
2. Modified and retrofitted cars will cause a crash

Please remove other OBD devices and do the factory reset.
If still not solved, please switch to GPS system.

GPS System Troubleshooting

The screen without any display, and no power

- Start the car engine; check if the cable line is tight; or connect the USB to the computer to check

Without car Speed

- After HUD power-on, the GPS will start to find the satellite. Please driving the car to the road. It will work once gets more than 5 satellite signals.

Cannot be turned on automatically or repeatedly extinguished during driving

Please use the USB cable to insert the cigarette lighter

- If you use the OBD cable, change the sleep voltage to 13.0V or 12.8V
- If use the USB cable, make the sleep voltage off.

Inaccurate time

- Entering into the setting menu, choose the time adjust, pull up or down the button to change it.
- After setting, long press in the button to save and exit.

Inaccurate Speed

- First check the speed unit is correct or not, the speed unit including KM/H and MPH, please refer to the setting to switch the unit.
- The car manufacturers usually make the dashboard speed 5-7% higher than the ECU. The international standard is based on satellite data. (if the dashboard shows 100, and the device shows the 105, change the default value at 102)

Driving direction display error

- After the vehicle speed exceeds 5KM / H, the direction can be displayed normally.


Speed is still displayed after the car stops

- Under the underground parking lot, tunnel, under the overpass, there will be unstable satellite drift when there is obstruction.
- Please drive the vehicle to the empty road. The number of satellites found is more than 5 and it shows normal.

The device cannot auto power off when the car is turned off

- If connects by OBD cable, it will auto power off in 3 minutes.
- If it still not powers off in 5 minutes, please change the sleep voltage to 13.5V, or use the USB cable.

Documents / Resources

	<p>AMROOLOO C1 Dual System Car Head-up Display [pdf] Instructions</p> <p>C1 Dual System Car Head-up Display, C1, Dual System Car Head-up Display, Car Head-up Display, Head-up Display</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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