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› ASHATA A600 Car HUD Head Up Display User Manual

ASHATA A600

ASHATA A600 Car HUD Head Up Display User Manual

Model: A600

1. PRODUCT OVERVIEW

The ASHATA A600 Car HUD (Head Up Display) is a dual-system instrument designed to project essential driving information directly into the driver's line of sight. It supports both OBD II and GPS modes, offering versatility for various vehicle types. The device features a 3-LCD screen display for clear visibility of data, day or night.



The ASHATA A600 HUD displaying vehicle data on a car dashboard.

2. KEY FEATURES

- **Dual System Operation:** Supports both OBD II and GPS modes. OBD II mode is compatible with OBD II compliant vehicles, while GPS mode works with all cars.
- **Comprehensive Data Display:** Shows speed, engine RPM, battery voltage, fuel consumption, coolant temperature, turbocharger pressure, oil temperature, water temperature, clock, trip distance, trip time, and intake pressure (psi).

- **Multiple Alarms:** Includes overspeed, speed, water temperature, voltage, turbo pressure, exhaust temperature, oil temperature, oil pressure, and fuel pressure alarms. The circular screen frame flashes red when an alarm is triggered.
- **Customizable Display Interfaces:** Offers 9 different display interfaces that can be freely switched.
- **Automatic Unit Conversion:** When speed is switched to MPH, water temperature automatically converts to Fahrenheit, and trip distance converts to miles.
- **Automatic Power On/Off:** Powers on and off with the vehicle engine.



Visual representation of data points displayed by the HUD.



Alarm indicators for various vehicle parameters.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Car HUD Unit
- 1 x OBD II Cable
- 1 x Double Sided Tape
- 1 x Pry Bar
- 1 x Hexagonal Wrench
- 1 x User Manual (this document)



All components included in the ASHATA A600 package.

4. INSTALLATION GUIDE

4.1 Placement

Choose a suitable flat surface on your dashboard where the HUD will not obstruct your view of the road or interfere with driving controls. Ensure the display is stable and visible from your normal driving position.

4.2 Connection (OBD II Mode)

1. Locate your vehicle's OBD II port. This is typically found under the dashboard on the driver's side.
2. Connect one end of the provided OBD II cable to the HUD unit's OBD II port.
3. Connect the other end of the OBD II cable to your vehicle's OBD II port.
4. Secure the cable to prevent it from interfering with driving.

4.3 Connection (GPS Mode)

1. Connect the provided USB cable to the HUD unit's USB port.

2. Connect the other end of the USB cable to a USB power source in your vehicle (e.g., a USB car charger or a vehicle's USB port).
3. Ensure the HUD unit receives stable power.



The USB and OBD II connection ports on the HUD unit.

4.4 Securing the HUD

Use the provided double-sided tape to firmly attach the HUD to the chosen dashboard location. Ensure the surface is clean and dry before applying the tape for optimal adhesion.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The HUD will automatically power on when the vehicle engine starts and power off when the engine is turned off.



Automatic power on/off with engine.

5.2 Switching Display Modes (OBD II / GPS)

The HUD supports both OBD II and GPS modes. The device will attempt to connect to OBD II first. If no OBD II connection is detected or if you prefer GPS mode, the device will switch to GPS mode. You can manually switch between modes if necessary using the control buttons (refer to the device's physical buttons for specific controls).



The HUD supports both OBD II and GPS systems.

5.3 Navigating Display Interfaces

The ASHATA A600 offers 9 different display interfaces. Use the control buttons on the device to cycle through these interfaces and select your preferred view. The buttons are typically located on the back or side of the unit.



Examples of customizable display interfaces.

5.4 Setting Alarms

The HUD allows you to set programmable alarms for various parameters such as overspeed and RPM. Refer to the detailed settings menu (accessed via control buttons) to adjust alarm thresholds. When an alarm condition is met, the display will provide a visual warning (e.g., a flashing red frame).



Rear view of the HUD, showing control buttons for settings and navigation.

6. TROUBLESHOOTING

- **No Display:** Ensure the power cable (OBD II or USB) is securely connected and the vehicle's ignition is on. Check the vehicle's OBD II port for power if using OBD II mode.
- **OBD II Mode Not Working:** Verify your vehicle is OBD II compliant. Some older vehicles or specific models may not support OBD II. Try switching to GPS mode.
- **Inaccurate Speed Reading (GPS Mode):** Ensure the HUD has a clear view of the sky for optimal GPS signal reception. Speed accuracy may vary slightly based on satellite availability.
- **Display Glare:** Adjust the HUD's position or angle to minimize glare from sunlight.
- **Alarms Not Triggering:** Check the alarm settings in the HUD's menu to ensure thresholds are correctly configured.
- **Unit Not Powering Off:** If the unit remains on after the engine is off, check your vehicle's OBD II port for constant power supply. In some vehicles, the OBD II port may remain active for a period after ignition is off.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Model Number	A600 (ASHATA63toina1g7554)
Material	Acrylonitrile Butadiene Styrene (ABS)
Display Style	LCD
Color	Default (Black)
Item Weight	434 g
Parcel Dimensions	19 x 11 x 9 cm
Power Source	Vehicle OBD II port or USB (no internal battery)
Compatibility	OBD II compliant vehicles (OBD II mode), All vehicles (GPS mode)



Key product details and package contents.

8. SAFETY INFORMATION

- Do not install the HUD in a location that obstructs your view of the road, mirrors, or vehicle controls.
- Ensure all cables are routed safely and do not interfere with driving pedals or steering.
- Avoid prolonged exposure to direct sunlight when the vehicle is parked, as extreme temperatures may affect the device's lifespan.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.
- Keep the display clean using a soft, dry cloth. Avoid abrasive cleaners.