

S300 SE HUD Head Up Display System Operation Manual

Contents

1 Product Introduction.....	1
HUD Introduction.....	1
Parking Distance Control.....	1
Tire Pressure Monitoring System.....	2
2 Functions.....	3
Screen Functions.....	4
Button and Interface Functions.....	5
Alert Functions.....	6
3 Working Mode.....	7
Driving Mode.....	7
Sensor Mode.....	8
Tire Pressure Mode.....	9
4 Setting Mode Instruction.....	10
5 Notice.....	16
6 Product Dimension and Electrical Code.....	17
7 Accessories.....	18
8 Pictures.....	19
9 Simple Troubleshooting.....	20
10 Contacts.....	21

Tire Pressure Monitoring System TPMS(optional)

Using active, direct tire pressure sensors, the TPMS can monitor your tires in real time using a completely wireless transmission system. When the tire pressure is low or even when there is a sudden, rapid leakage, the system will automatically alert you of the issue.

TPMS can help reduce fuel costs due to under inflated tires, and provides an additional layer of comfort and security to your driving.

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

2

Screen Function Introduction

A Main digital display area:
Displays speed, mileage, average speed, parking distance (sensor optional), and tire pressure value (TPMS optional).
B RPM display area:
Starting at 0, each cell represents 250 rpm. At 1000 rpm, the number 1 is lit, when up to 2000 rpm, the number 2 is lit, and so forth.
C Multi-function display area:
The wheel button can switch to display the clock, water temperature, voltage, throttle angle, rotation speed, fuel consumption, closest probe number (sensor functions), tire temperature (TPMS optional).
D Battery voltage warning light
E Engine water temperature warning light
F Fatigue driver indicator
G Indicator light of set state
H Fault warning, parking sensors and tire pressure monitoring graphical display
I Tire pressure abnormal indicator
J Tire indicator
K Sensor indicator
L 0-100km acceleration timing
M Unit symbol

4

Alert Functions

1 Over Speed Warning
When traveling above the user set speed limit, an audible alarm of three beeps as well as a visual alarm of the km/h flashing will start. The audible alarm will stop after 5 seconds(preset value) while the visual alarm will continue flashing.
2 Change Gear Warning
When the car rpm exceeds 2300 rpm (preset value) the HUD will produce an audible alarm of two beeps. The vehicles speed is greater than 60 km/h (35 mph), the change gear warning will not alert.

3 Water Temperature Warning
The indicator light will show when the water temperature is over 110°C.
4 Low Battery Voltage Warning
If the battery voltage is less than 11 volts, the indicator light will be on.
5 Fatigue Driving Reminder
When the car is driven for over a set value(1-8hours)the indicator light will flash. There will also be a beep every 30 minutes to remind as well.

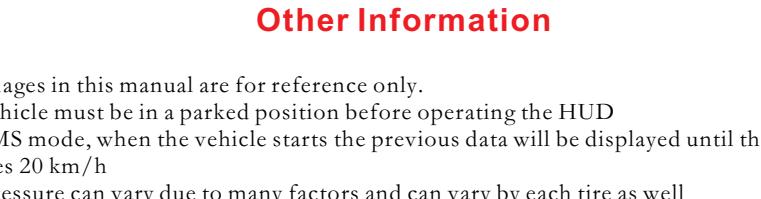
6 Fault Code Alarm
If the car has a fault code, 10 seconds after turning on the car the car indicator will flash.
7 Abnormal Tire Pressure Warning
When there is an issue with a tire, the HUD will automatically switch to the TPMS mode. The tire pressure indicator will flash and there will be a two beep audible warning. If the sensor voltage is low, the voltage unit will flash "V".

6

Optional Parking Sensor Mode

After the parking sensors have been successfully paired, when the vehicle is put into reverse gear, the HUD will automatically shift to the parking sensor mode. When in the optional parking sensor mode, the display will only show reverse driving information.

Multi-function display area will show the closest sensor to an obstacle. The sensor number, distance to the obstacle, and location of the obstacle to the vehicle will all be displayed.



8

How To Program and Change Settings

1. When starting the HUD (by turning the power switch on), at the same time press the scrolling button downwards.
2. This starts the settings mode. In this mode you can press the scrolling button downwards to decrease the value, and upwards to increase the value. If you press the scrolling button inwards, this will either function as "Enter" or "Save and Exit."

3. An example of programming the settings for Parameter 1 (Language Settings) is:
a. Enter the setup mode (as described above).
b. Press the scrolling button inwards which changes which parameter is being modified to the actual parameter values.
c. Once the parameter value (the smaller number on the bottom of the display) is changed to the correct value by scrolling the wheel up or down, press the scroll button inwards again. This exits that setting and goes back to the Parameter numbers.

d. To save the parameters please turn the power on the HUD off. Please make sure that you are in the Parameter mode (the larger number on the top of the display) when turning off the HUD so as to save the information.

Parameter Descriptions and Options

(1) Parameter 1 ~ language settings (location)
Parameter1 Taiwan (fuel consumption unit KM / L)
Parameter2 China (fuel consumption unit, L/100KM)
Parameter3 Europe and America(all units switch to the inch; including speed, temperature, fuel consumption, tire pressure units all use the metric system)

10

(5) Parameter 5 ~ Over Speed Alarm Settings
The over speed alarm can be changed using this function. Scroll up or down to set the desired speed alarm.

(6) Parameter 6 ~ Alarm Audio Time Adjustment
The default audio alarm is 5 seconds. If set to "0" the audio alarm is turned off.

(7) Parameter 7 ~ Shift Reminder Setting
The default value is 2300 RPM. When your vehicle hits the set RPM value there is an audio beep to remind you to shift. If you do not need or want this reminder the value can be set to 7000.

(8) Parameter 8 ~ Maximum Speed For Shift Reminding
The default is 60. If set at a higher value than 60km/H, there will no longer be a shift reminder.

(9) Parameter 9 ~ Fuel Consumption Settings
Settings 0.0 ~ 5.0. If your vehicle has an air flow meter please set to 0.0. If without an airflow meter, please set in accordance with vehicle emissions (i.e. vehicle emission 1.8L is 1.8 value)

12

(15) Parameter 15 ~ Right Front Tire Pressure Setting
The default value is 230 which corresponds to 230KPA. This is used to set the normal tire pressure. When the pressure is 25% higher or 25% lower than the preset an alarm will sound. Each tire has its own preset. See below for tire and parameter numbers.

(16) Parameter 16 ~ Right Rear Tire Pressure Setting
The default value is 230 which corresponds to 230KPA. This is used to set the normal tire pressure. When the pressure is 25% higher or 25% lower than the preset an alarm will sound. Each tire has its own preset. See below for tire and parameter numbers.

(17) Parameter 17 ~ Left Rear Tire Pressure Setting
The default value is 230 which corresponds to 230KPA. This is used to set the normal tire pressure. When the pressure is 25% higher or 25% lower than the preset an alarm will sound. Each tire has its own preset. See below for tire and parameter numbers.

(18) Parameter 18 ~ Tire Pressure Signal Cover
A "1" means ~ Tire pressure sensor signal covered. A "0" means that the signal is shielded. So it would be 111 front wheel, right front, left rear, and right rear wheel.

14

Other Information

*The images in this manual are for reference only. Operating the HUD
The vehicle must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The manual does not fit to the car
*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice

*The car must be in a parked position before operating the HUD
*TPMS mode will be in the vehicle starts the previous operating until the vehicle
*Tire pressure can vary due to many factors and can vary by each tire as well

*The car will be parked for many days from purchase off the normal driving
*This avoids damage due to natural disasters or other external circumstances
*Accessories, data line, and reflector film are not guaranteed
*Build manual subject to vary due to without notice