USER MANUAL

Center Console Part

Model HS550UTV-11S

Part No.P338001361500000

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User Precautions

It is essential to follow the precautions below when using the system, both in the interest of safety and to prevent material damage. You must always comply with the laws of the country in which you are travelling.

Precautions when operating the system

– Operate the controls (on the dash or near the steering wheel) and read the information on the screen only when road conditions allow.

– Set the volume to a reasonable level so that outside noise can be heard.

Precautions regarding navigation

– Use of the navigation system does not in any way replace the responsibility or vigilance of the driver when driving the vehicle.

– Depending on the geographical area, the map may not have the latest information on new roads. Be alert. In all cases, road traffic regulations and road signs always take precedence over the directions of the navigation system.

Precautions concerning the equipment

– Do not attempt to dismantle or modify the system, as there is a risk of damage to equipment and fire.

– Contact a representative of the manufacturer in the event of malfunction and for all operations involving disassembly.

– Do not insert foreign bodies into the player.

– Do not use products containing alcohol and/or spray fluids on the area.

Precautions when using the phone

– There are laws which govern the use of phones in vehicles. They do not necessarily authorize the use of hands-free phone
systems under all driving conditions: drivers must be in control, of their vehicles, at all times

– Using a phone while driving is a significant distraction and risk factor during all stages of use (dialing, communicating, searching for a number in the handset memory, etc.).

Statement

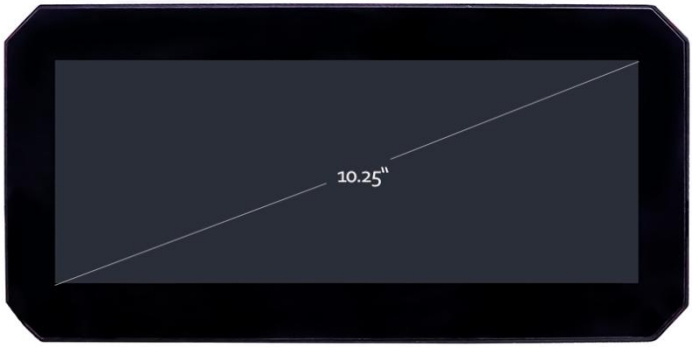
The description of the model given in this manual is based on the specifications at the time of writing. This manual covers all existing functions for the models described. For more details, please consult an authorized dealer.

if the temperature is too low or too high inside the vehicle, the multimedia system will not start or will switch off automatically. Wait a few moments for the temperature to return to a more suitable level for the multimedia system to operate properly

This product complies with FCC regulations

1. General Information

1.1 Panel



1.2 General Features

Seq.	Features
①	FM/AM Radio
②	Hand-free Call via Bluetooth®
③	Playing Music via Bluetooth®
④	Front and Rear View System
⑤	CARPLAY
⑥	Video Playing via USB
⑦	Music Playing via USB
⑧	Image Browsing via USB
⑨	Equalizer Adjustment
⑩	Four Channels to Vehicle Speakers Controlling

⑪	Offline System Upgrade
⑫	USB Interface
⑬	Date&Time Information Display
⑭	System Language Option (English/Chinese)

1.3 Basic Operation Way

Operation Way	Description
Tap (short press)	Item Selection& Item Execution

1.4 Home Page Introduction

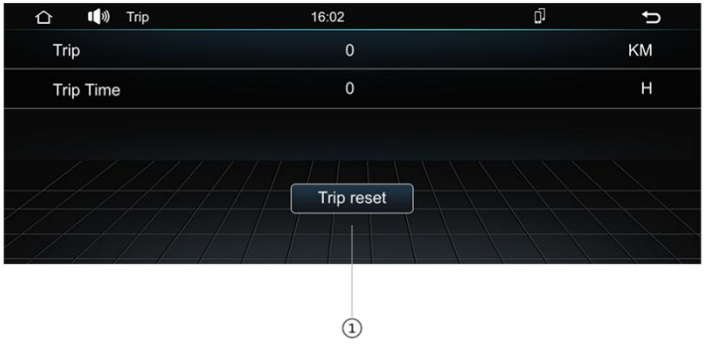
Icon Seq.	Description
①	CARPLAY App (tap it to open the CARPLAY after connecting the smartphone)
②	FM/AM Radio App (tap it to open the FM/AM radio)
③	Bluetooth® Music App (tap it to play the music from smartphone after connecting by bluetooth)

④	Apps Page Interface (tap it to enter the page of all Apps)
⑤	Front Camera App (tap it to open the front camera)
⑥	Fault Code (tap it to view the fault code log , description of DTC , maintenance method)
⑦	Trip App (tap it to enter the trip and trip time reset page)
⑧	Back Button
⑨	Shortcut Button for Connecting Smartphone by USB or Bluetooth
⑩	Date&Time Display Widget
⑪	Multimedia Display Widget
⑫	Apps Menu Indication
⑬	Volume Adjustment (tap it to adjust the volume from level 0~20)
⑭	Home Page Virtual Button (tap it to go back home page)

1.5 APP Page Introduction

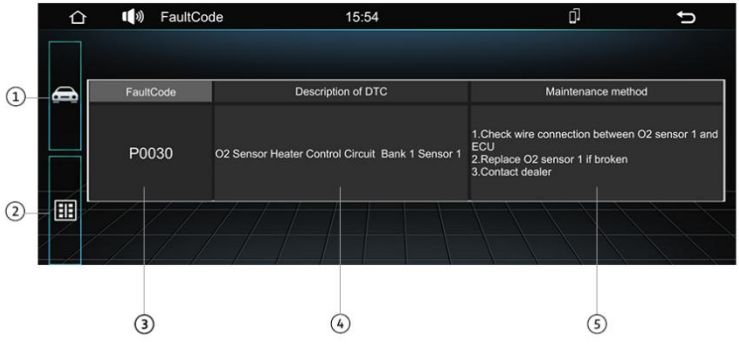
Icon Seq.	Description
①	Bluetooth® Music App
②	Equalizer App
③	Front Camera App
④	Rear Camera App
⑤	Settings Interface
⑥	Bluetooth® Hand-Free Calling App
⑦	Multimedia Playing App Via USB
⑧	FM/AM Radio App
⑨	CARPLAY App
⑩	Service Information

1.6 Trip/Trip Time Reset



Icon Seq.	Description
①	Trip and Trip Time Reset by User Manually

1.7 Fault Code Information



Icon Seq.	Description
①	Current Fault Code of The Vehicle
②	Fault Code Search and Detail Information
③	Fault Code
④	Description of DTC
⑤	Maintenance Method

1.8 Service Information

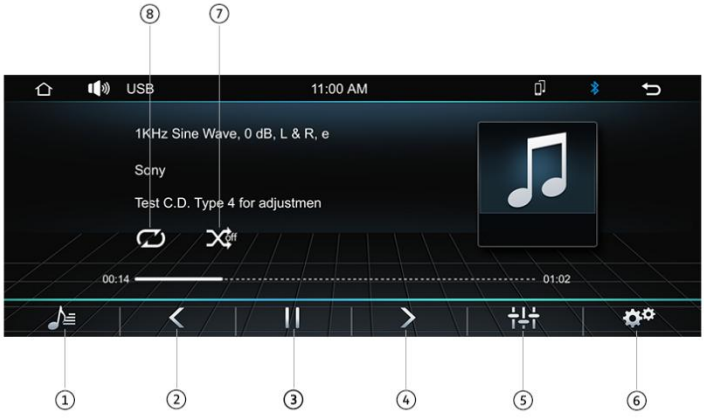
Open The “Service Information APP” to View Details of Schedule of Maintenance.

2. Multimedia

2.1 FM/AM Radio

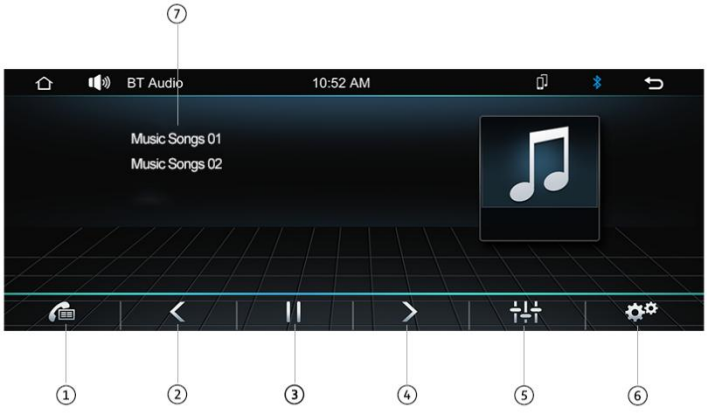
Icon Seq.	Description
①	FM AM Mode Switch and Viewing the Preset Radio Stations from FM1/FM2/FM3/AM1/AM2
②	Automatically Searching Radio Stations from High Frequency to Low Frequency
③	Start and Pause Button
④	Automatically Searching Radio Stations from Low Frequency to Low Frequency
⑤	Automatically Searching Radio Station
⑥	Local and Long Distance Radio Mode (LOC&DX)
⑦	Audio Effect Setting (Country/Pop/Salsa/Custom)
⑧	Radio Data System Switch (RDS function normally is applied in European Countries)
⑨	Preset Radio Stations of FM or AM
⑩	Manually Searching Radio Station to High Frequency
⑪	Manually Searching Radio Station to Low Frequency

2.2 Playing Video/Audio/Image by USB



Icon Seq.	Description
①	Multimedia (Video/Audio/Image) List and Option Interface
②	Playing Previous Item (Video/Audio/Image)
③	Start and Pause Button
④	Playing Previous Item (Video/Audio/Image)
⑤	Audio Effect Setting (Country/Pop/Salsa/Custom)
⑥	General Setting Interface
⑦	Random Playing Mode
⑧	Cycle / Single Cycle Playing Mode

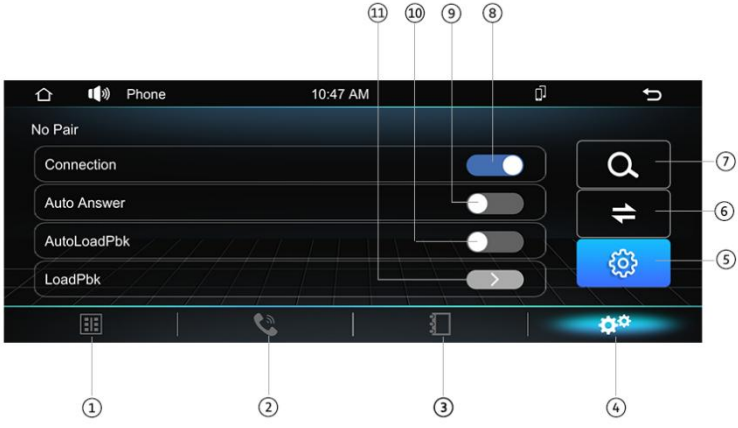
2.3 Playing Music via Bluetooth®



Icon Seq.	Description
①	General Menu Interface of Bluetooth Phone
②	Playing Previous Song
③	Start and Pause Button
④	Playing Next Song
⑤	Audio Effect Setting (Country/Pop/Salsa/Custom)
⑥	General Setting Interface
⑦	Playing Song List

3. Phone

3.1 Pairing/ unpaired Bluetooth® Device



Icon Seq.	Description
①	Dialing Keyboard Button
②	Dialed Call / Received Call Button
③	Contacts List Button
④	General Setting Interface of Bluetooth
⑤	Setting Button of Bluetooth
⑥	Phone Connecting/ Disconnecting /Deleting Interface
⑦	Searching Available Device
⑧	Bluetooth General Switch (The Bluetooth will Stop Working after Switch off)
⑨	Automatically Answer Switch
⑩	Automatically Load the Phone Book
⑪	Manually Load Phone Book

3.2 Dial number

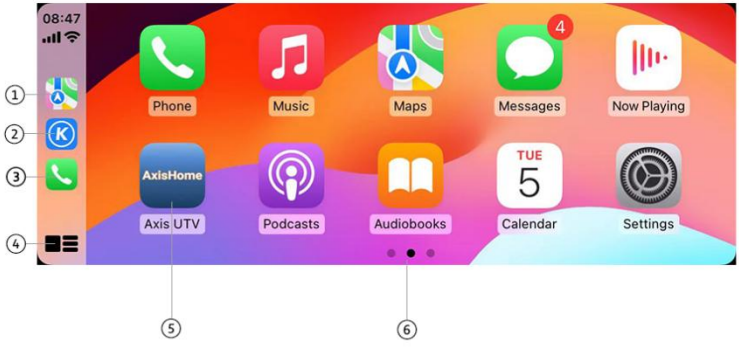
Icon Seq.	Description
①	Hang Up Call Button
②	Phone or Vehicle Speaker Alternative Button When Calling
③	Answer Call Button
④	Dialing Key Board (tap it to input phone number)

3.3 Contact

Icon Seq.	Description
①	Contacts List
②	Contacts List Button
③	Deleting Contact Button

4. CARPLAY

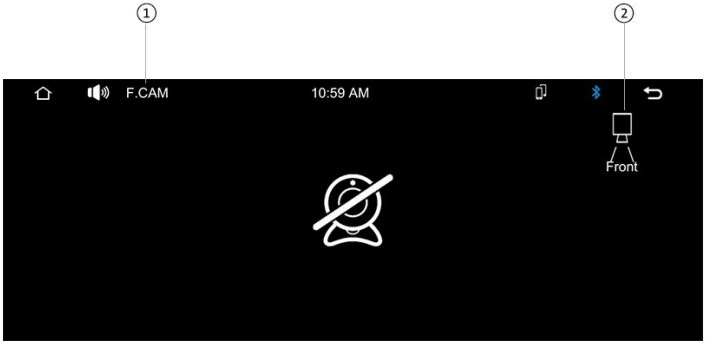
4.1 Wire&Wireless CARPLAY Connecting



Icon Seq.	Description
①	Entry of Navigation APP in The Phone
②	Entry of Music App in The Phone
③	Entry of Calling in The Phone
④	Shortcut of CARPLAY Home Page
⑤	Shortcut of Device Home Page
⑥	Apps Page

Connecting Way：1. CARPLAY With Wire via Data Cable
2. CARPLAY With Wireless after Connecting the Bluetooth of Vehicle.

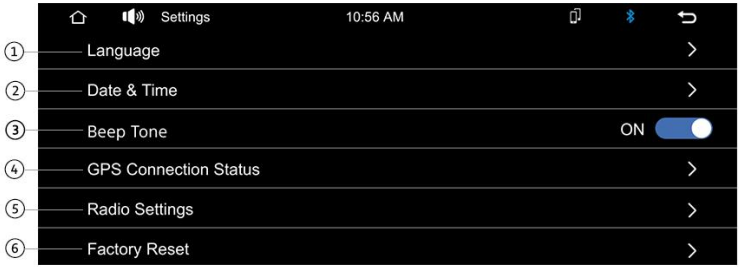
5. Front View Camera Switching



Icon Seq.	Description
①	Menu Symbol of Front View Camera
②	Switch of Front and Rear View Cameras

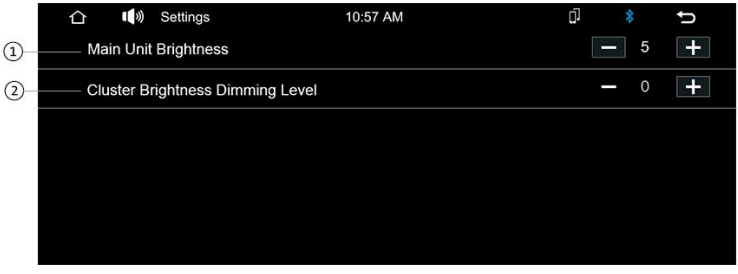
6. Settings

6.1 System Settings（Language/Date&Time/Beep Tone）



Icon Seq.	Description
①	Entry of Language Option (English & Chinese)
②	Entry of Date&Time Setting
③	Beep Tone Switch of Tap Screen
④	Entry of GPS Antenna Switch and Viewing Position Status
⑤	Entry of Radio Data System Switch (RDS)
⑥	Factory Reset (Note: All the Parameters Will Be Reset as Default Setting)

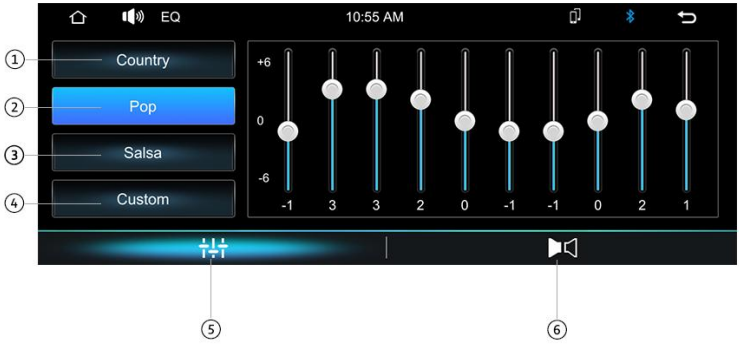
6.2 Display Settings



Icon Seq.	Description
①	Main Unit Brightness Adjustment
②	Vehicle Instrument Brightness Remote Adjustment

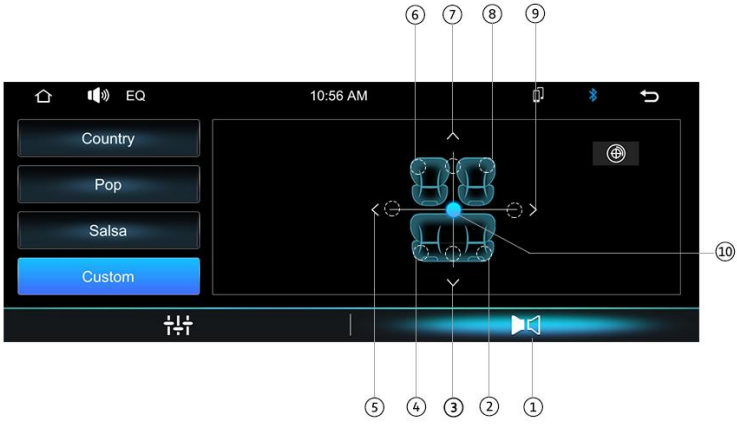
6.3 Audio&EQ Settings

6.3.1 Equalizer Adjustment



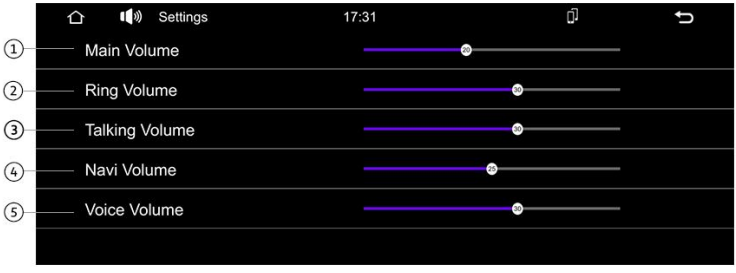
Icon Seq.	Description
①	Audio Type of Country Style
②	Audio Type of Pop Style
③	Audio Type of Salsa Style
④	Audio Type of Custom Style
⑤	Entry of Audio Type Option
⑥	Entry of Four Channels to Vehicle Speakers Controlling

6.3.2 Vehicle Speaker Audio Output Setting



Icon Seq.	Description
①	Entry of Four Channels to Vehicle Speakers Controlling
②	Audio Output from Right Rear Vehicle Speaker
③	Audio Output from Two Rear Vehicle Speakers
④	Audio Output from Left Rear Vehicle Speaker
⑤	Audio Output from Two Left Side Vehicle Speakers
⑥	Audio Output from Left Front Vehicle Speaker
⑦	Audio Output from Two Front Side Vehicle Speakers
⑧	Audio Output from Right Front Vehicle Speaker
⑨	Audio Output from Two Right Side Vehicle Speakers
⑩	Audio Output from All Four Vehicle Speakers

6.3.3 Volume Adjustment



Icon Seq.	Description
①	Main Volume Adjustment
②	Ring Volume Adjustment
③	Phone Talking Volume Adjustment
④	CARPLAY or Android Auto Navigation Volume Adjustment
⑤	Siri or Android Assistant Voice Volume Adjustment

6.4 WIFI Settings

Icon Seq.	Description
①	WIFI General Switch (The CARPLAY Will Stop Connecting after Switch Off)
②	Reset the WIFI Password

6.5 Bluetooth® Settings

Icon Seq.	Description
①	Bluetooth General Switch (The Bluetooth will Stop Working after Switch off)
②	Switch of Automatically Answer Bluetooth Calling
③	Entry of Pairing Mode
④	Entry of Clear the Bluetooth Device Records from the Unit

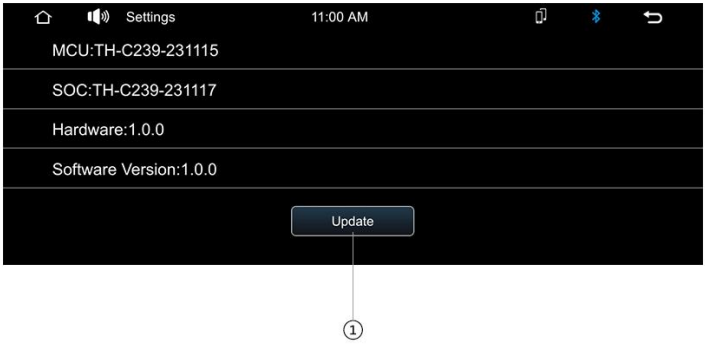
6.6 Camera Settings

Icon Seq.	Description
①	Rear Camera Input Switch (The Rear Camera will Stop Working after Switch Off)
②	Rear Camera Viewing Mirror Image Switch (Normal or Reverse)

6.7 Instrument Unit Switch Settings

Icon Seq.	Description
①	Instrument Distance Unit Switch from Mile to KM
②	Instrument Temperature Unit Switch from ℉to ℃
③	Volume Unit Switch from Gallon to Liter

7. Updating the System



Icon Seq.	Description
①	Update the MCU firmware (Microcontroller units) or System on Chip (SOC) by Offline

This update operation must be operated by professional engineers. otherwise, the system may not work！

8. Specifications

Item	Specification Description
OS	Linux
CPU	SPHE8368U
RAM	1Gbit
ROM	256Mbit
Appearance Color	Black
Screen Size	10.25 inch
Resolution	1280*480
Radio Frequency Band	FM：87.5MHz-107.9MHz AM: 530KHz-1710KHz
Bluetooth Version	Version 5.0
Rated Working Voltage	DC 12Volt
Rated Working Current	10Amp
Panel Size	289.14*139.73*26.6mm
Audio Format	MP3/WAV
Video Format	MP4/FLV/AVI/MPG
Image Format	SVG/PNG/WEBP/JPEG/GIF/BMP
USB Interface	Version 2.0
Wi-Fi Frequency	5745-5825MHz
Working Temperature	-30~+80℃

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

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,

(2) This device must accept any interference received, including interference that may cause undesired operation.

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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.