Step 3. Click the name of iPhone Bluetooth on the list and enter into the Bluetooth settings, and then enable the <Internet access> option. (see Figure 87)

[Figure 87]

Note:
These detailed steps listed in chapter 8.2.2 & 8.2.3 may be outdated due to phone firmware update. Different phone brands may also have different operation steps. You can contact the phone manufacturer for help if you experience a Bluetooth tethering connection issue.

8.2.4. Bluetooth tethering option on your phone may turn off automatically or unexpectedly. Unlike the WiFi connection, the Bluetooth tethering connection can only be manually reconnected. Third-party developers may provide special app (such as Bluetooth Tethering Manager. See Figure 88) to help reconnect between Android-based devices and save users from manually connecting every time. However, cannot guarantee that similar apps will still work in the future.

[Figure 88]

8.3 Built-in Equalizer & Audio Setup
8.3.1. Equalizer Setup
8.3.1.1. EQ adjustment: Manual and pre-set equalizer are available.
Click   User   to enter into preset EQ adjustment, which includes 8 pre-set and 1 user.
There are Standard, Rock, Soft, Classic, Pop, Hall, Jazz, Cinema and User
If <user> selected, it goes into manual mode. Manual adjustments of non-user mode will be saved to <User> mode


[Figure 89-1]   [Figure 89-2]

A6 has two frequency bands display modes. One is graph; one is scroll bars. You can tap the "switch" button in Figure 89-1 and Figure 89-2 to shift between them. You can move your fingers over area 1 in Figure 89-1 or drag the scroll bars in area 2 in Figure 89-2 to adjust the frequency bands.
In addition, there are in total 36 frequency bands. Swipe left or right in area 2 in Figure 89-2 to view and adjust all of the them. The entire adjustable frequency range is 20 HZ to 20 kHZ.

Each band slope can be adjusted with the Q factor by touching the Q number.
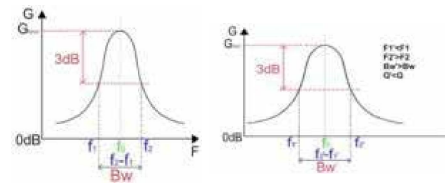
$Q=f0/(f2-f1)$
The bigger the Q factor is , the smaller the slope; and the band adjustment becomes weaker. Oppositely, the smaller the Q factor is , the bigger the slope; and the band adjustment becomes more obvious.

Click Loudness to enable the Loudness option. This control allows you to boost the lower frequencies in your music for full, rich sound at lower volumes.
Click Default to restore USER value

8.3.1.2. Sound Field (aka Listening Position)
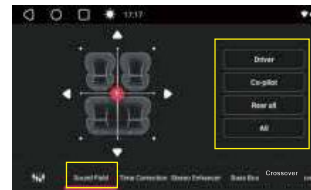
[Figure 90]

There are five typical listening positions: Driver seat, Co-pilot seat, Front all, Rear all, Centre.
You can move   , or use arrows ◁ △ ▷ ▽ to find your favorite listening position.
You can also select from preset 4 listening positions (see Figure 90)

8.3.1.3. Time Correction

[Figure 91]

Time Correction: A6 is able to delay the audio signal to the speakers closest to the listener with its built-in Time Correction feature. This effectively creates a perception of increased distance for those speakers. Time Correction allows the listener to be placed at an equal distance between the left and right speakers for optimum staging. You can adjust the distance (0-272cm) or time delay (0.0-8msec) of each speaker.
Notes on abbreviations on the screen display (see Figure 91):
FL = Front Left Speaker
FR = Front Right Speaker
RL = Rear Left Speaker
RR = Rear Right Speaker
Click   to disable / enable <Time Correction> feature.
Click Default to restore to the default value
Due to the fact that rear speakers are far from the driver's seat, they may become a little weaker to driver or front listeners. Users can adjust the <Rear Speaker Boost> option on the right as compensation.
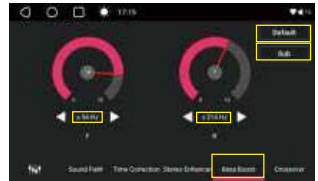
8.3.1.4. Stereo Enhancer

[Figure 92]

Notes on abbreviations on the screen display (see Figure 92):
FQ = Frequency
TG = Through Gain
LPG = Low Pass Gain
HPG = High Pass Gain
MG = Mixing Gain
Drag scroll bars up or down to adjust each sound effect to get your favorite stereo sound effects.
Click ⬤ to disable / enable <Stereo Enhancer> feature.
Touch Default to restore to default settings.

8.3.1.5. Bass Boost

[Figure 93]

① Notes on abbreviations on the screen display (see Figure 93):
F = Front Speaker
R = Rear Speaker
② Select the frequency range where the enhancement can be implemented. Switch among 7 ranges (OFF, ≤54, ≤68, ≤86, ≤108, ≤134, ≤172, ≤214).
③ Slide pointer to adjust how much you want to boost for the selected frequency range. You can adjust the pointer between 0 ~ 12.
④ Click Sub to enter in Subwoofer Boost settings.
⑤ Click Default to restore to default settings.

8.3.1.6. Subwoofer Boost.
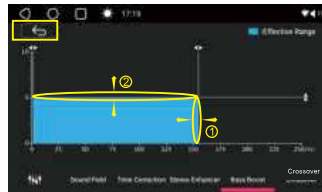
[Figure 94]

Please make sure the color of the selected area becomes blue,it means the area selected is valid;if it is gray,there will be no signal output from the subwoofer.
Step 1. Drag the ① line in Figure 94 to the left or right to set the starting range of the frequency you want;
Step 2. Drag the ② line in Figure 94 up or down to set the enhancement range for the selected frequency range.
Note:
Click ↩ to back to previous window.

8.3.1.7. Crossover

[Figure 95]

Combined with the low pass filter in Figure 94,two high pass filters on this page enable you to set the crossover point between the subwoofer and the front speakers,and between the subwoofer and the rear speakers respectively.In addition,there are also two low pass filters available,one for the front speakers,and one for the rear speakers.

Notes on the abbreviations on the screen display (see Figure 95):
HPF=High Pass Filter
LPF=Low Pass Filter
F=The Front Speakers
R=The Rear Speakers
Turn the pointers to select the frequency range you want to cut off.
Red area:the frequency range that is cut off
Gray area:the frequency range that passes
Tap Default to restore the settings to default.

8.3.2. Other options related to audio settings
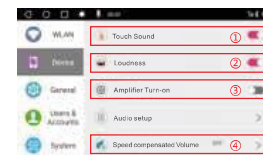
[Figure 96]

8.3.2.1. Touch Sound Switch.
Click to disable or enable this option (See ① in Figure 96)
8.3.2.2. Loudness Switch.
See <Loudness> section in Chapter 8.3.1.1.
8.3.2.3. Amplifier Turn-on Switch (See ③ in Figure 96).
This option is to turn on or off a vehicle amplifier (if applicable), when the cable which is labeled as <Amplifier turn-on> on the rear of A6 is connected.
8.3.2.4. Speed compensated Volume(See④in Figure 96). You can turn it on or off. If you turn it on, you can choose a compensated volume level among "Low" "Medium" "High".
The theory of this function is to use the GPS data collected by the car radio to calculate the speed of the car and to intelligently adjust the system volume of the car radio according to the current speed and current audio volume.
The GPS data collected might be delayed or deviated due to the influence of the environment (such as in the tunnel) or other unknown factors. Therefore, the volume adjustment sometimes may have detention and inaccuracy. If you don't want to use this function, please turn it off.
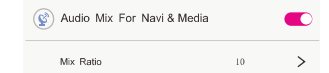**8.3.2.5. Default Media Volume Every Start**

[Figure 97]

Path: System Settings>General>Default Media Volume Every Start
Enable this option to customize default audio volume when ATOTO A6 boots up. After turning this option off, you may experience uncomfortably loud sounds that were set last time.
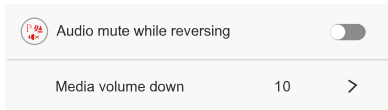**8.3.2.6. Audio Mix for Navi & Media**

[Figure 98]

Path: System Settings>General> Audio Mix for Navi & Media
Enable this option to customize the audio volume ratio of Media & Navigation Prompts.
You can set the ratio value between 0~20.

8.3.2.7. Audio Mute while reversing vehicle

[Figure 99]

Path: System Settings>General> Audio Mute while reversing
Enable this option to mute the media volume or just decrease it to specified value when you back a car.

8.4 General Settings (Excluding Audio-related options)

[Figure 100]

8.4.1. Disable video playback while in motion (See ① in Figure 100).
Refer to Chapter 4.2 & Chapter 11.1.1.

8.4.2. Auto Start Switch(See ② in Figure 100).
Refer to Chapter 6.6.

8.4.3. Display OSD Time (See ③ in Figure 100).
Enable this option to display system time on the video playback screen.

8.4.4. Mirror Display Of Rear Camera (See ④ in Figure 100).
Enable this option to display a left-right reversed image of the rear camera. It is applicable to rear camera that displays left right reversed.

8.4.5. Display Front View After Reversing (See ⑤ in Figure 100).
Enable this option will let the system display video provided by the FCAM app automatically once you exit from reverse gear. This requires A6 to also connect to a front view camera. Refer to chapter 11.2 for more details.

8.4.6. Rear Camera Guide Line Switch (See ① in Figure 101).
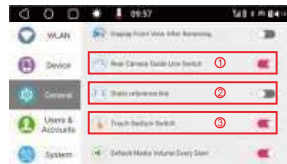
[Figure 101]

Enable this option to add guidelines on the screen when rear camera images display. It is applicable to rear camera that does not have guidelines on the display; More information about guideline settings, see chapter 10.1.4.

8.4.7. Static Reference Line (See ② in Figure 101)
If enabled, the dynamic guide line will be shifted to static.
**Note:** This option only works with selected A6 models that fit for specific Volkswagen;

8.4.8. Touch Gesture Switch (See ③ in Figure 101)
Touch screen gesture is a set of gestures to help users operate conveniently on the multi-touch screen.
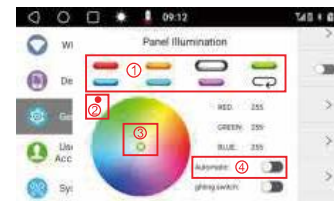Enable this option to experience feature in chapter 1.5. Disable it if you do not want to use this function.

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Default Media Volume Every Start: See Chapter 8.3.2.4
Audio Mix for Navi & Media: See Chapter 8.3.2.5
Audio Mute while reversing vehicle: See Chapter 8.3.2.6

8.4.9. Panel Illumination settings (See ① in Figure102)
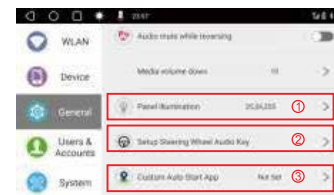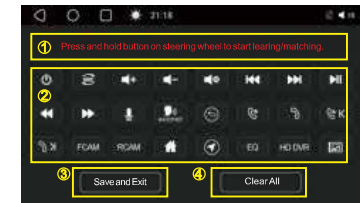

[Figure 102]

[Figure 103]

Use this option to set the lighting color of the button on the A6 panel
(1). Enable ⚫ (see ④ in Figure103) to shift gradually between the preset colors in sequence;
(2). Disable ⚫ to customize the illumination color. There are seven preset colors to choose (see ① in Figure103) and a color panel (see ③ in Figure103) to meet more various requirements (Touch ⚫ to return to preset color).

8.4.10. Setup Steering Wheel Audio Key (See ② in Figure104)

[Figure 104]

The process of setup steering wheel audio keys:
Step 1: Press and hold a button on the vehicle's steering wheel (see Figure104) to start paring (mapping), simultaneously touch the desired function on the menu (see ② in Figure 104) until it gets red. Follow the same operation to complete the rest keys.
Step 2: Touch <Save and exit> (see ③ in Figure104) to save settings made in step 1 and exit the menu.
Click <Clear All> (see ④ in Figure104) to remove all the saved settings and start setup again.

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Note:
(1). This feature requires your car to have a factory steering wheel audio key control feature (shorted for SWC, based on resistive analog signal input only. See Figure 105); if your vehicle uses digital CANBUS data signal, and you can find an applicable digital-to-resistive converter from third party supplier, SWC feature can still be retained.
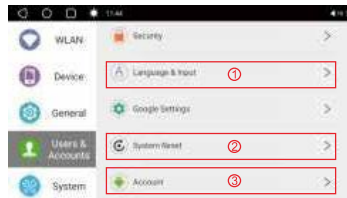(2). For more information about SWC related wiring connection, refer to the second user manual named as <Panel Operation /Ports connection and Installation Instructions> in the package;

[Figure 105]

8.4.11. Custom Auto Start APP (See ③ in Figure102）Refer to Chapter 6.5 for details.

8.4.12 Steering wheel position (See ④ in Figure102)

8.5 Language & Input (See ① in Figure 106)

[Figure 106]

You can change system language or keyboard input option
There are 21 languages available: English, German, French, Italian, Spanish, Portuguese, Japanese, Russian, Arabic, Polish, Korean, Dutch, Thai, Turkish, Ukrainian, Hebrew, Greek, Hungarian, Indonesian, Vietnamese and Chinese.
**Note:**
In addition to the 20 languages listed above, other ones you can choose from the system language list will only cover the text of part of the system interface, and the other parts will only be displayed in English

8.6 System Reset (See ② in Figure106)
You can restore the system to factory default via this option, which will remove all personal data and settings.
*In order to protect your privacy, when you need to return this product, it is recommended that you reset the device to factory default before requesting a return or exchange.

8.7 Screen Lock & Bluetooth Unlock Settings
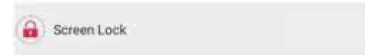
[Figure 107]
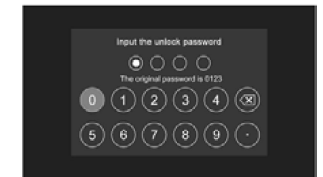
Path: System Settings > System > Screen Lock
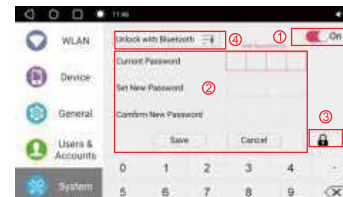
[Figure 108]

Click ⬤off (see ① in Figure 108) to enter into Screen L ock & Bluetooth Unlock Settings
There are two methods for locking and unlocking the screen:
Method 1: Set a password (see ② in Figure 108) and input your password to unlock the screen (see Figure 109).
The initial password is 0123

[Figure 109]

Method 2: Use Phone Bluetooth to unlock the screen. Detailed steps are as follows:
Step 1. Click <Unlock with Bluetooth> (see ④ in Figure108)and all paired phone will be in the list (see ① in Figure110)
Step 2. Select the phone in the list to add it to the screen unlock list. You will see the screen prompt <XXX is added to screen unlock list> (see ② in Figure 110). When the phone that has been added to this whitelist is connected to A6's Bluetooth 1, it will unlock the screen within 1-2 seconds. You can add two or more phones to this list for unlocking the screen.
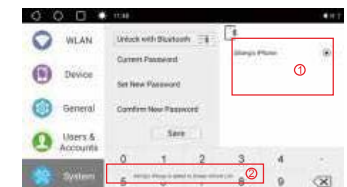
[Figure 110]

How to remove the phone from the screen unlock list?
Click the phones that have been added to the screen unlock list again and you will see the screen prompt <XXX is removed from screen unlock List>
If you forgot the new password, please reset the system by long pressing (6-8 seconds) a specific key (this will delete user data). The specific key is the "Next track" on factory steering wheel audio control (if applicable).
For A6 models with physical keys on the panel, the "Next track" key can also work for the system reset, while it is inapplicable with A6 models with touch buttons.

8.8. Screen Brightness Adjustment
See chapter 1.1 for further information.

8.9 TrackHU Function
8.9.1 What is the TrackHU Function?
TrackHU is designed to simplify the way you locate your car. With the TrackHU function on A6, you can follow vehicles in real-time on a simple map, customize alerts and geofences, get analytics, see past data, speed, distance, and more. It provides you with 24-hour security by tracking vehicles from any location in the world, at any time.
When the GPS and network are enabled in A6, you can scan the QR code on the head unit to enter the TrackHU Manager webpage where you can view all the information above right at your fingertips.

Note:This GPS tracking feature is currently in beta status, and theTrackHU and TrackHU Manager is continuously updating. Therefore, the guidance below can be outdated one day. Please refer to the actual car stereo interface and mobile interface.

8.9.2 How to have access to TrackHU on A6 ?
Go to "Settings>Device", and tap "Device" 4 times in quick succession to access TrackHU.

8.9.3 How to add A6 as adevice to be tracked in the TrackHU?
Step 1: Have A6 access the internet. (See 8.1 Network Settings). And make sure the location of A6 is enabled following the path "Settings>Users & Accounts> Location."
Step 2: Go to "Settings>Device", and tap "Device" 4 times in quick succession. A prompt will appear on the interface, indicating that the **TrackHU** APP logo is visible in the app list. (See Figure 111-1)
Note: The TrackHU APP icon is hidden by default to protect users' privacy. You can tap "Device" 4 times in quick succession again to make the APP invisible.
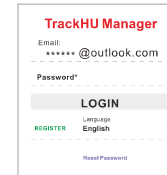

[Figure 111-1]

Step 3: Enter TrackHU APP , tap the button① to enable TrackHU. You will see the network and GPS status at the left corner ② and give us some suggestions by tapping ③. (See Figure 111-2)
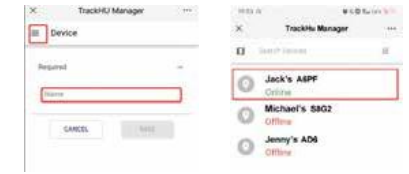
[Figure 111-2]

Step 4: Scan the QR code (See Figure 111-2) to enter the TrackHU Manager website on the phone. The QR code will be expired in 5 minutes and you can refresh the QR code by tapping the <Refresh> button or exiting the TrackHU and entering again.
Step 5: Register with your email address on the TrackHU Manager website and log in. (See Figure 111-3)
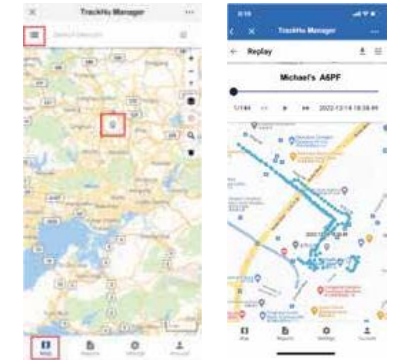

[Figure 111-3]

Step 6: You can give a name to A6 and after that tap the map button and then to view the named device such as Jack's A6. When you see the named device is in the "online" status in seconds, tap the device name to see A6 's location , past route, and more information. (See Figure 111-4/5/6/7)
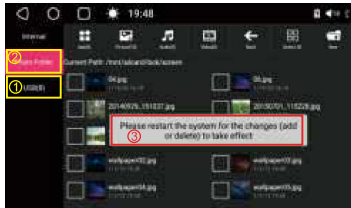

[Figure 111-4]

[Figure 111-5]

[Figure 111-6]

[Figure 111-7]

9. Gallery Playback & Setup

Step 1. Put your favorite photos in an external storage device (see ① in Figure 112-1) and then copy them t o <Photo Folder> in the File Manager app (see ② in Figure112-1)

[Figure 112-1]

Step 2. Restart the system using option ⟳ <Reboot> in the Drop-down menu (see Figure 4 in chapter 1.3).
This step is required when you add new photos or remove some from the current list, otherwise, the gallery playback function (standby mode)will not work properly.
Step 3. Click Gallery ⚙ in Drop-down menu (see Figure 4 in chapter 1.3) to start the Gallery Playback function (Standby Mode) (see Figure 112-2).

[Figure 112-2]

In addition, you can specify one of your steering wheel audio keys as a quick access button for starting the Gallery Playback function. The icon [ ] in Figure 104 is for responding to the steering wheel audio key to start standby mode （gallery playback function).

10. Parking Assistance Input & Setup (Rearview Camera Input)
10.1. Rearview camera display settings
10.1.1. Camera display settings
Touch any place on the rearview screen (Figure 113) to enter into rearview camera display settings (Figure 114).
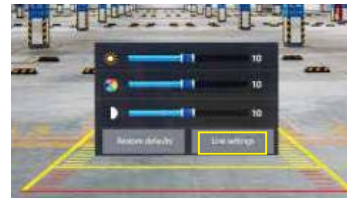
[Figure 113]　　　　　[Figure 114]

🔆 :Adjust the brightness between 0 - 10
🎨 :Adjust display color between 0 - 10
◨ :Adjust display contrast between 0 - 10

If you have enabled Rear Camera Guide Line Switch (See ① in Figure 101) in system settings, you will see an extra option (Line Settings) that allows you to setup guideline in further steps (see Figure115)

[Figure 115]

[Figure 116]

Width: Drag from left to right to adjust the distance between the 2 lines;
Camera Height: Drag from left to right to adjust the relative height of the entire guide lines on the camera;
Camera Angle: Drag from left to right to adjust the angle of the guide lines relative to the camera;
View Angle: Drag from left to right to adjust the view angle of the guide lines relative to the camera;
Horizontal Offset: Drag from left to right to move the entire guide line horizontally on the screen;
Safe Distance: Drag from left to right to increase the distance between the guide line and the camera lens;
You can change the guide line style by switching between <Style 1> & <Style 2> (see Figure 116)
If the rearview display is reversed left and right, you can fix it through setting <Mirror Display Of Rear Camera>. Refer to Chapter 8.4.4.

10.1.2.Rear Camera Compatibility Requirements
Below is the compatible cameras list:
(1).AC-HD02LR 720P (Analogue HD signal)Rear-view camera;This product model supports LRV(Live Rear-View)feature,allowing the user to view the rear-view video via <RCAM>app when the vehicle is not in reverse gear;
(2).AC-4486/AC-0587N(CVBS)Rear-view camera;
(3).Aftermarket Rear-view camera that comes with a standard RCA plug,CVBS video signal output,and dedicated reversing signal wire;
(4).Vehicle's factory Rear-view camera that can provide a standard RCA plug,CVBS video signal output,and dedicated reversing signal wire for connecting to a head-unit;
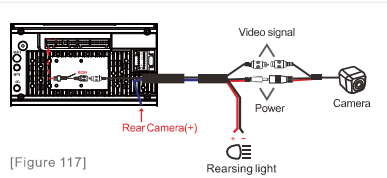**10.1.3.Two methods of Rear Camera Wiring Connections**
10.1.3.1 Typical/regular wiring method:You can see the image of the rear camera on the screen only when you put the vehicle into reversing gear.This method applies to cameras mentioned in (2),(3),(4)of10.1.2

The steps are as follows:
(1). Connect the power wires of the backup camera to the backup lights;
(2). Connect the RCA cable of the backup camera to the RCIN port on the back of the A6；
(3). Connect the signal wire of the backup camera to the <Rear Camera+> wire on the power harness of the A6. See Figure 117 for details;
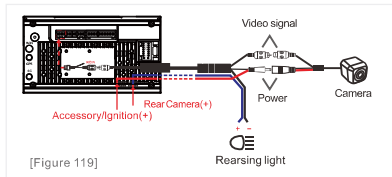

[Figure 117]

10.1.3.2 Innovative/Special wiring method: This method is applicable for connecting to cameras mentioned in (1) of 10.1.2; With this wiring method applied, you can see the image of the rear camera on the screen when you put the vehicle into reversing gear. Besides, you can also see the rear-view though the <RCAM> app even if your vehicle is not in reversing gear (aka Live Rear-View, LRV); See Figure 118 for wiring connection details;
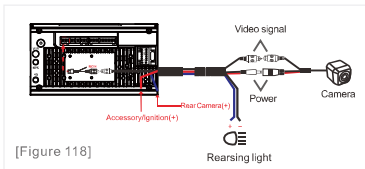
[Figure 118]

If you want the LRV feature to work with typical/regular rear cameras (mentioned in (2),(3),(4) of 10.1.2), you need to make some changes for the wiring connection:
(1). Connect the positive pole of the camera's power cord to the A6's ACC wire, instead of the reversing lights. The ground wire of the camera can still be connected to the reversing light.
(2). Users may need to add an extra lead as the power wire of the aftermarket rear camera is not long enough for distance connection.
(3). Add an extra extension wire between the "Rear Camera+" (one pin in the A6 power harness) and the positive power wire of the backup light, since the camera's original power wire has been rerouted to A6's <Accessory / Ignition> wire. See Figure 119 for details;

[Figure 119]

10.1.4 Note:
(1). The rear-view camera for connecting to A6 must have a reversing signal wire which informs A6 of the status of the reversing light through the connection. Without it, the A6 does not know when to switch and you will not see a rearview video display even if your vehicle is in reverse gear.
(2). The video output signal of some factory cameras are not CVBS type, or its video output interface is not RCA type. In this case, you need a specific wiring converter or video signal converter to complete the installation.
(3). To access the rear-view quickly while using the LRV feature, you can set one key of your steering wheel (if applicable) as a shortcut in system settings (Steering Wheel Control Select > Key Settings> ▣).

This could act as a streaming rear-view mirror and increase driving safety.
(4). The rear-view camera is supplied separately.

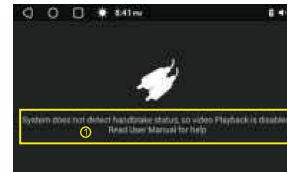**11.AUX & Front Camera Input**

[Figure 120]   [Figure 121]

11.1 What can AUX input do on A6 ?

Connect to devices that can output audio or video (or both) signals with the RCA jack. The application for playing this audio or video (or both) in A6 is the AUX app (see120);
More about AUX cable connection, refer to another user manual named as <Panel Operation /Ports connection and Installation Instructions> in the package.

11.1.1 AUX Video Playback can only work when the vehicle is not in motion, or you need to cancel the<Disable video playback while in motion> option. Refer to chapter 4.2 & 8.4.1.

[Figure 122]

11.2 What can Front Camera input (FCAM app) do on A6 ?

Connect to a camera installed on the front of the vehicle for viewing surroundings ahead via A6's FCAM app (see Figure121);
For more about FCAM video connection interface, refer to another user manual named <Panel Operation /Ports connection and Installation Instructions> in the package.
11.2.1 Touch any place of the screen on the front view display to trigger the Mirror Display icon ▣ .
If the front view display is reversed left and right, you can reverse it by clicking the icon ▣ and re-run the FCAM app.
11.2.2 In addition, you can specify one of your steering wheel audio keys as a quick access button for starting the FCAM function.
The icon ▣ in Figure 84 is for opening the FCAM app.

12. System Firmware Update

After the release of A6,we will release system firmware from time to time to optimize and improve it to ensure its best performance.
When the new system firmware update is available,a notification will be put up in the notice section of our website,providing detailed update instructions;
It is recommended that users register a user account to receive email notifications of possible upgrades.

13. About Fast Boot

13.1 How Fast Boot function works?

When you shut down your car engine and take the key off (some other cars require the driver to open the driving door to trigger), the A6 system will kill all running programs in about 5 minutes and then go into ultra-low-power sleep mode. So when you start the car, the system wakes up within 2s when receiving the ACC power signal. The required current for maintaining system survival is less than 10mA. For a typical car battery capacity (40Ah-60Ah), the ultra-low power consumption status theoretically takes about 160-250 days to drain out the car battery. But with the MCU control program added, A6 itself will power off by inner clock if sleeping time is over 168hrs (7 days). So in 7 days, it will ONLY consume 2.5% - 4% of the total battery capacity. This is based on the assumption that users leave their car parked in the garage for long days without driving. If you drive your car daily, then the car battery is charged timely, so the system MCU chip will not power off until the user manually shut it down. If you park your car for more than 7 days, then you will find that the next time you start your car, it takes 20-25s for the system to boot. This technology has been verified by more than 100,000 users in the past (A6 & F7 series) and is reliable enough.

13.2 Cautions

In order to ensure that the Fast Boot function can work properly, the two vital wires <12v Ignition/ACC> & <12v Constant Power /Battery> in the power harness should be correctly wired. Improper wiring will cause the A6 to fail to enter sleeping mode (the screen is always on), or the hibernation process to be interrupted so that it takes 20-30 seconds to restart completely;

14. Expanding the capabilities of the A6

With lots of inputs, outputs, slots, plus exclusive Bluetooth 2, A6 can connect to a variety of external devices. These accessories for connecting to the A6 to extend its functionality are not included in the A6's package. They all need to be purchased separately. Some are customized by , others are not provided, and users need to get them by themselves.

14.1. Connecting to HD DVR On dash Camera to browsing recorded video files on A6's large screen;

AC-44P2

[Figure 123-1]　　　　　　　[Figure 123-2]

Connection Method: USB interface

An extra HD DVR app is required to be installed in A6 in order to browse the video files and setup the camera. Usually, it is included in the system firmware. In case yours may not have this specific HD DVR app, you need to install it manually.

14.2 Connecting to a regular rearview camera, or specified HD Rearview camera, or a front camera.

[Figure 124-1]　　[Figure 124-2]　　[Figure 124-3]
(AC-4486)　　　(AC-0587N)　　AC-HD02(LR)

14.3 Connecting to a Bluetooth OBD Car Diagnostics & Scanner

There is a Torque OBD app pre-installed (see Figure 125-2), but you can also install alternative apps from Google Play Store (see Figure 125-1)

[Figure 125-2]

[Figure 125-1]

[Figure 125-3]
ATOTO AC-4450

To use this feature, you need to have a Bluetooth OBD Car Diagnostics & Scanner (see Figure125-3) that connects to a vehicle's OBD interface for reading the engine's computer information.

Connection Method: Bluetooth 2

14.4 Connecting to AC-UTP1 USB Tire Pressure Monitoring System

[Figure 126-1]　　　　　　　[Figure 126-2]

The AC-UPT1 (& AC-UPT2) tire pressure monitoring system will display abnormal tire information (pressure, temperature and which tire) on the system screen (see 126-1) so that driver can take measures as early as possible.
An extra TPMS app (see 126-1) is required to be installed in A6 in order to view tire information and set up the TPMS sensors. Usually, it is included in the system firmware. In case yours may not have this specific TPMS app, you need to install it manually.

Connection Method: USB interface

14.5. (※)Connecting to headrest monitors

AC-AHV68
USB to HDMI
video-out adapter

AC-AHV48
USB to CVBS
RCA video-out adapter

[Figure 127-1]　　[Figure 127-2]　　[Figure 127-3]　　[Figure 127-4]

14.5.1 The Built-in Video Output feature on A6 allows users to connect A6 to a headrest monitor (Figure127-2) that comes with HDMI or CVBS RCA video input, and what's displayed on the A6 will be synchronized on the headrest monitors (Figure127-1).

14.5.2

An extra our brand USB to HDMI video-out adapter (AC-AHV68,see Figure 127-3)or an our extra USB to CVBS RCA video-out adapter(AC-AHV48,see Figure127-4 is required to order separately.If your headrest monitor supports CVBS RCA video input,please order the AC-AHV48(USB to CVBS RCAvideo-out adapter)separately.If your headrest monitor supports HDMI video input,please order the AC-AHV68(USB to HDMI video-out adapter)separately.If your headrest monitor supports both the CVBS RCA video input and HDMI video input,you can order any one of these two adapter models.

14.5.3 Connection Method(USB interface):

Use the brand video-out adapter(AC-AHV68 or AC-AHV48,sold separately)to connect the monitors to the A6 via the A6 USB interface(except the USB interface used for a quick charge).

[Figure 128]

Horizontal Offset: Move the display of the monitor horizontally
Horizontal Stretching: Stretch the display of the monitor horizontally
Vertical Offset: Move the display of the monitor vertically
Vertical Stretching: Stretch the display of the monitor vertically
Click to restore the settings.

14.5.4 USB Video Output Settings
(Path: System Settings>Device>USB Video Output Settings)

14.6. Attentions
The above are the common optional accessories for A6.
There may be some accessories not mentioned above that can also be connected to the A6 through USB or Bluetooth 2 to expand the functions. Of course, there are some devices based on USB interface connection or Bluetooth connection that may not work on the A6 due to compatibility issues.
When connecting multiple accessories to the A6 , pay attention to the number of available interfaces and the concurrent bandwidth that can be supported.

15.Ways to Obtain Help

If you have any questions during the installation of A6 daily use, or you need help when you encounter difficulties,you can get help in following ways:
(1).Contact the us dealers or our online sellers who provided you with A6;
(2).Send an email to our customer support team will reply within 48 business hours,and most emails will be responded to within 24 business hours.
(3).Visit the online customer service support system to get the latest software download,or discuss with other A6 users

16. Appendix (Product Specifications)

Specifications	
Part	**Specifications**
Operating System	AICE UI 11.0 (Based on Android 10)
SOC chipset	CPU: UIS9863 Octa-Core 1.6GHz (ARM Cortext A55);
	GPU: PowerVR Ge8322
3D Graphics	Dual-core ARM Mali G52 614.4MHZ Support OpenGL ES1.1/2.0/3.1/3.2 3D graphic Support OpenCL 1.1/1.2 Support DirectX 11 FL9_3 Support Vulkan 1.0 Up to 750Mhz
Memory	Internal RAM/ROM: It can be 2GB+32GB, 3GB+32GB, 4GB+32GB,4GB+64GB, or 6GB+128GB, depending on the specific model you selected *The available internal storage may be smaller as part of the internal storage is occupied by software. Actual memory space may change due to application updates, user operations, and other related factors
	External Micro-SD card Slot: Not available
WiFi Network	Wi-Fi band: 5GHz
	Wi-Fi Hotspot 2.0

Part	Specifications	
Monitor	Screen Size (inch): Depending on the specific model, it can be 7 inches, 9inches or 10.1 inches (diagonal)	
	Display Resolution: HD 1024*600 for 7-inch models. 1280*720 for 9-inch & 10.1-inch models	
	Display system: IPS LCD display panel	
	Lighting Brightness: 600cd/m2	
Radio	Reception Band	FM (65-108MHz); AM (522-1710KHz)
	RDS Decoder	YES
	Digital Audio Out	YES
	Stereo Audio DAC	YES
Bluetooth	Bluetooth 1	Bluetooth Version: Bluetooth 5.0
		Protocol: HFP,HSP,A2DP,AVRCP, PBAP
		A2DP Audio Codec: SBC
		Channel output: Stereo, Mono
	Bluetooth 2	Bluetooth Version: Bluetooth 4.0; Support Bluetooth Tethering & BLE Connection
DSP Acoustics	EQ Band: 36 Bands (Front 18 Bands + Rear 18 Bands)	
	Frequency: 24/36/53/80/120/170/260/390/570/850/ 1.3K/1.9K/2.8K/4.1K/6.1K/9.0K/14K/20K (Hz)	
	Gain: -10/-9/-8/-7/-6/-5/-4/-3/-2/-1/0/1/2/3/4/5/6/7/8/9/10 (dB)	
	Preset EQ: User/Standard/Jazz/Soft/Classic/ Cinema/Rock/Pop	

Wi-Fi band: 2.4GHz, 5GHz

Part		Specifications
Pre-Amplifier	Power Output	4 x 45w/ 4 Ω max. 4 x 25w RMS/ 4 Ω @ 14.4 V, 1 kHz, THD 10 %
	Impedance	4-8Ω
	Output Frequency Band	20-22000Hz
Media Playback	Audio	D/A Converter: 24Bit
		Audio decode: WAV, MP3, MP2, FLAC, APE AAC, AMR-NB, AMR-WB, MIDI, Vorbis, AAC-plus v1, AAC-plus v2, WMA, ADPCM
	Video	-H.263/H.264/DIVX4-6/XVID Decoder: 1080p@30fps -MPEG-4 Decoder: 1080p@30fps -MPEG-2 Decoder: 1080p@30fps -VP8/VP9 Decoder 1080p@30fps -HEVC/H.265 Decoder: 1080p@30fps
GPS		Supports GPS/QZSS/SBAS (WAAS/MSAS/EGNOS /GAGAN)
		Position Ability: -163 dBm hot start sensitivity -148 dBm cold start sensitivity -151 dBm warm start sensitivity
		Full A-GPS capability (E911/SUPL/EPO/Hot Still)
		Satellite channel: 20 channels
		Positioning accuracy: <10m

Part		Specifications
Output & input	USB Data interface	2 USB interfaces Power output: 5V, 500-800mA during data transfer
	Audio Out	4 x RCA Out (2V): Labeled as <FL>/<RL>/<RL>/<RR>
		1 x RCA Subwoofer Out(1V/10kΩ): Labeled as <SUB>
	AUX Audio Input	2 x Audio Input (Left / Right) (1V/25kΩ) : Labeled as <LIN>/<RIN>
	AUX Video Input	1 x Video Input (1Vp-p/75Ω) : Labled as <VIN>
	FCAM video input	1 x Video Input (1Vp-p/75Ω) : Labeled as <Front Camera In>
	Rear View Camera Input	1 x Video Input (1Vp-p/75Ω) : Labeled as <RCIN>
	Video Output	Available.An extra USB to RCA video-out adapter AC-AHV48 or USB toHDMI video -out adapter AC-AHV68 is required for connecting to headrest monitor.
	Optical Output	Not available.
General		Operation Voltage: 12v DC car battery
		Rated Current Consumption: 15A
		Operation Temperature Range: -20℃ - +60℃