



## INSTRUCTION MANUAL

**SMH-520DAB | SMH-550DAB | SMH-580VW**

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# Car Multimedia System



android 10



Wireless  
Apple CarPlay

Wireless  
android auto



 Bluetooth®

You  Tube



WhatsApp

 WiFi™

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# Introduction



1		Touch to mute. To unmute, touch again. Touch and hold to power off. To power back on, touch again. TIP: If you power the unit off, you can turn off almost all functions. The Snooper Stereo turns on by operating the following instructions: <ul style="list-style-type: none"><li>▪ An incoming call is received (only for hands-free phoning via Bluetooth).</li><li>▪ A rear view camera image is input when the vehicle is in reverse.</li><li>▪ The ignition switch is turned off (ACC OFF), then turned on (ACC ON).</li></ul>
2		Touch to return to the home screen.
3		Touch to return back.
4	+ -	Touch (+) for volume increase and (-) for volume decrease.
5	RST	Press to reset the microprocessor.

## Main Features



Capacitive Touchscreen- 24-bit true colour digital touchscreen, fast responsive and vibrant colour display.



Octa-core processor- the brain of the head unit. Super-fast and optimised for highly demanding tasks



Android Auto- Full access to Android Auto via ZLink. Can be wired (USB) or Wireless.



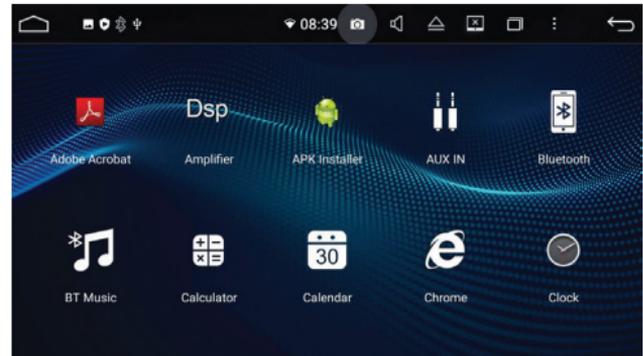
Apple Car Play- Full access to Apple Car Play- via ZLink. Can be wired (USB) or Wireless.



Built in Navigation - Navigate in over 50 countries with the inbuilt Navigation

## Main Homepage

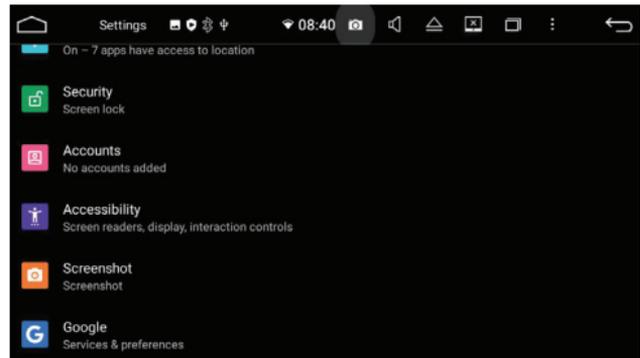
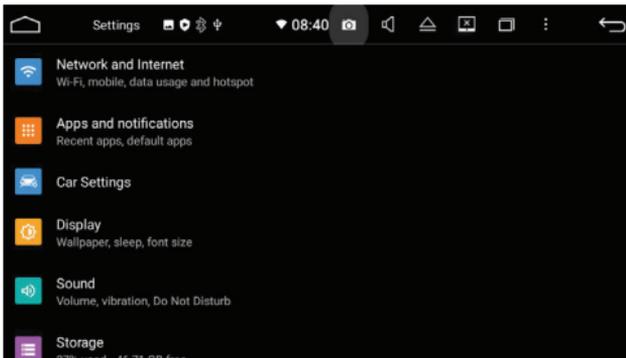
When you power on the headunit, it will enter a main interface. The interface can slide left or right. Please select the icon to enter relevant function for operation. Please note, the stereo may go through graphical design changes in the layout without notice. Whereas function will be kept, icons may be different as 3rd party app developers update their respective apps.



# System Settings <sup>1</sup>

In most applications, the default settings are OK to use as is. The below are the main system settings you can configure.

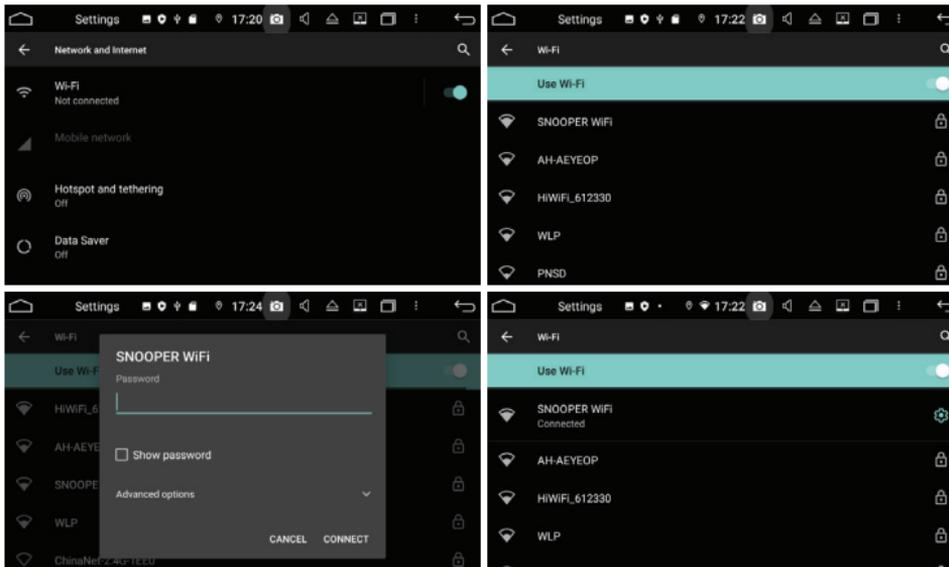
Press the setting icon (⚙️) to enter the main settings interface. It will look like the below pictures:



# System Settings<sup>2</sup>

## WiFi Settings:

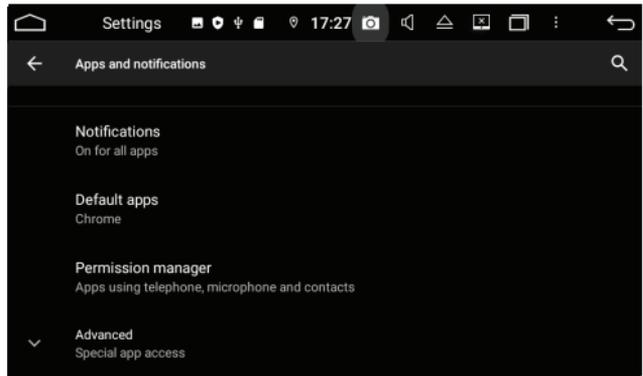
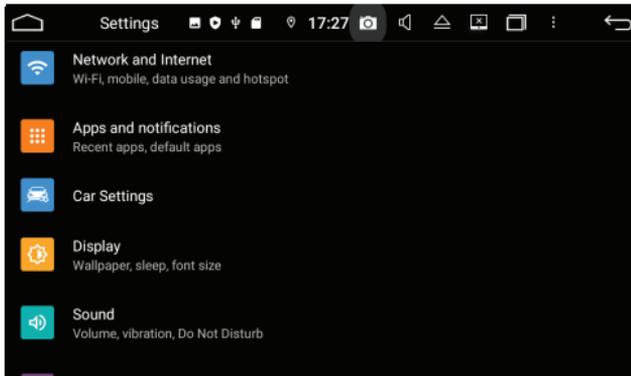
Press "Network and Internet" > Switch WiFi on > Press WiFi to show available networks > select network you wish to connect to (you will have to enter a network password)> When successful, WiFi Icon will show at the top



# System Settings<sup>3</sup>

## Apps and Notifications:

Select "Configure App notifications" > Select notifications > Select the app you wish to configure  
Select "Configure App notifications" > "Select Permission Manager" > Select the app you wish to configure



## Car Settings:

Configure Personal settings, default navigation app, driving settings.  
Enter car settings > Select the feature you want to configure

## System Settings <sup>4</sup>

### Display:

Adjust brightness levels, wallpapers and font size.

### Sound:

Adjust System volume and touch sounds.

### Storage:

Check current storage status and free up space if needed.

### Location:

Change location settings and permissions.

### Security:

Set passwords and screen lock type.

### Accounts:

Add Google account for App and email sync. ***Not recommended if the vehicle is shared.***

## System Settings <sup>5</sup>

### Accessibility:

Configure your accessibility needs with this setting. For example, colour correction, text to speech, font size and magnification.

### Google:

Configure your google preferences and services via this setting. *(it will open a new window)*

### System:

Adjust Date and time, languages, factory reset and backup.

### About Machine:

System updates, Status, Legal information, Model number, Android version, Baseband version, Kernel Version and Build number

## System Settings <sup>6</sup>

This Snooper stereo has a fully customisable audio output. Please follow the below steps to access the amplifier settings.

Enter the **"amplifier"** app on the apps menu > Enter the setting you want to (choose from special effects, sound field, settings, sound effects, EQ and balance controls) > Adjust said setting to required taste.

**Please Note:** These settings will ideally need to be set by an experienced car audio installer. If you are fitting this as a DIY install or have little to no experience with audio tuning, please use the presets on the menu.

***Audiophiles...have fun!***



# Radio Functions & Operation <sup>1</sup>

To play the radio, adjust station and scan, it is very simple.

## To Scan:

Adjust brightness levels, wallpapers & font size.

## To Select Station:

Short press the **"Radio"** button on the home screen > press the desired radio frequency.



## Manual Station Search:

Short press the **"Radio"** button on the home screen > Press the left/right arrow to manually search for radio stations.

## Auto Search:

Short press the **"Radio"** button on the home screen > press the magnifying glass to search (lowest frequency to highest) and press again to stop searching.

## Radio Operation <sup>2</sup>

### Radio Station Presets:

Each wave band can store 6 pre-set stations. The system can totally store 24 pre-set station total (18 FM station and 6 AM station).

### Stereo/Mono Conversion:

FM radio signals are generally stronger in cities, so keep in stereo mode. When in remote areas, stereo is weaker so switch over to Mono.

Short press the **"Radio"** button on the home screen > Press **"ST"** for desired mode.

### Local Radio Receiver:

FM radio signals are generally stronger in cities, so keep in stereo mode for LOC. When in remote areas, stereo is weaker for LOC mode so switch over to Mono. This headunit can switch automatically between

Short press the **"Radio"** button on the home screen > Press **"LOC"** for desired mode.

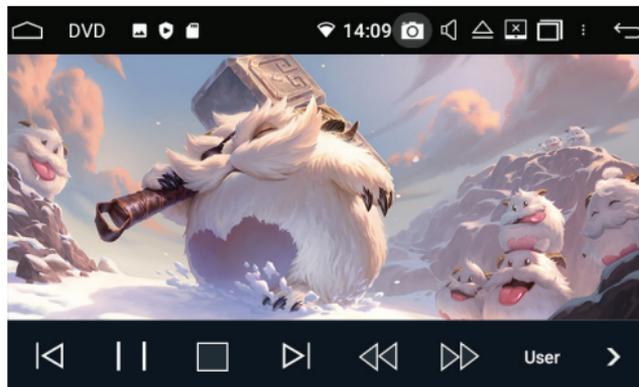
## DVD Player - Basic Operation *(SMH-580DABVW Only)*

### Quick Tips:

If playback issue occurs, please remove the disc, and try another disc. If the other disc plays, you may have format incompatibility issues. If both discs fail, both may be in the wrong format.

### Disc Entry/Exit

Take the disc (label side up), then softly insert the disc into disc slot. The system will draw and read the disc automatically after it detects the disc has been correctly inserted. After few seconds, the system will play the disc automatically. Press the Exit key on panel of the product to eject the disc from the disc drive. If the disc is not removed in five seconds, the system will try to eject the disc but will not automatically play the disc. Only by pressing the ↶ key and re-inserting the disc into disc slot, the system will automatically play the disc.



## DVD Player - Basic Operation

### Playing/Pause:

In the state of playing the disc, USB media or SD card, softly press the ►|| key key at the bottom of media control interface to pause playing or continue playing.

### Chapter Selection:

In the state of playing the disc, USB disc or SD card, softly press the ◀◀ ▶▶ keys to play the previous or next chapter of current-playing chapter.

### High-speed Fast Forward/Fast Backward control:

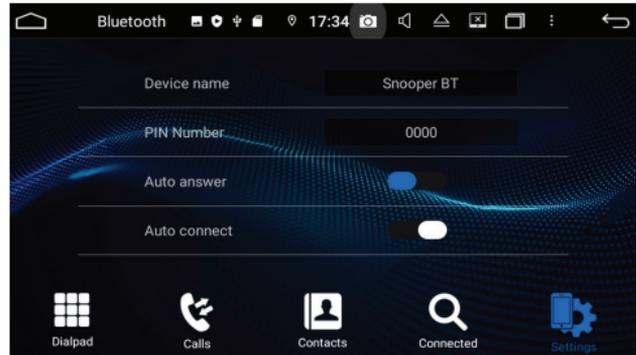
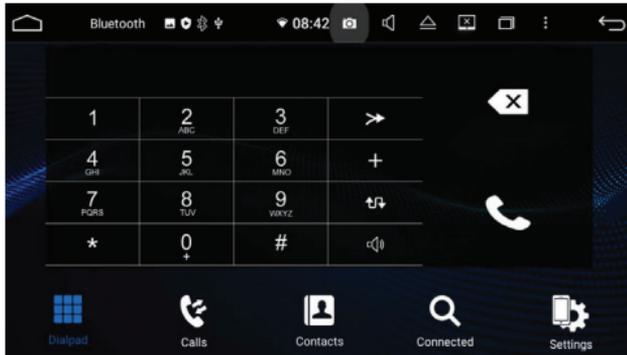
When the media is playing, long press ►| key at the bottom of media control interface continuously to enter fast rewind x2 / fast rewindx4 / fast rewindx8 / fast rewind x20

In the state of fast rewind playing, press key to resume to normal playing state. Softly press the ►|| key of media playing control interface to enter & run next chapter, subtitle switch, language switch, or repeat of current chapter.

# Bluetooth Hands - Free Operation <sup>1</sup>

## Bluetooth Pairing and Connection:

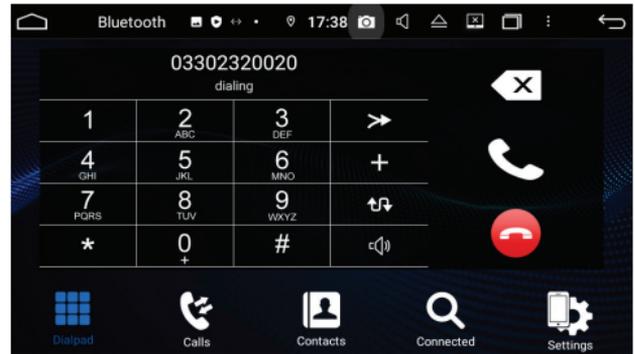
Turn on the Bluetooth function of the mobile phone> Search for the stereo on the Bluetooth settings on the phone> It should show "Snooper BT" (if detecting the stereo)> When connecting with mobile phone, input the universal code "0000" and confirm it > After the mobile phone has been paired and connected with the product successfully, the Bluetooth icon will appear on the top of interface



## Bluetooth Hands - Free Operation <sup>2</sup>

### Dialing:

After the Bluetooth hands-free system connects with mobile phone's Bluetooth, you can dial directly by phone or touch screen's number keys. Pressing key on Bluetooth interface can enter the dialing interface too, as below picture



### Receive / Hang up / Stop Phone:

For receiving an incoming call, the system will switch to Bluetooth hands-free interface from any other mode, meanwhile, the playing sound of previous mode will switch to ring tone of incoming call, and the phone number will display on the screen, Press the 📞 on touch screen to receive phone. Press 📞 to hang up phone.

In the process of calling, Press the icon to stop phone. Voice switch between mobile phone and speaker of the player. In the process of calling, press the 🔊 on touch screen to switch the voice between mobile phone and speaker of the player.

## Bluetooth Hands - Free Operation <sup>3</sup>

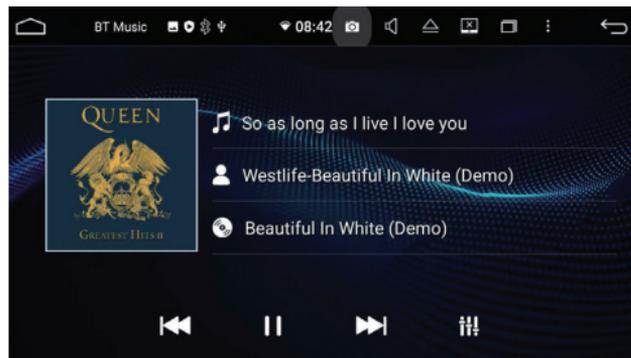
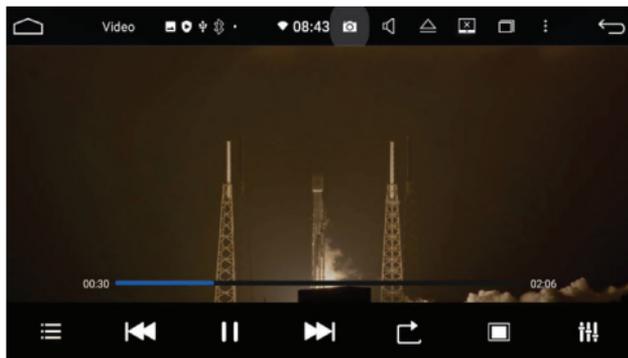
Dialled Phone Record and Phone book

Press  of Bluetooth main interface to check the dialled phone record.

Press  of Bluetooth main interface to enter into phone book interface

### Bluetooth Music Playing:

If the mobile phone supports Bluetooth music streaming function, please transfer the audio playback to the product for playing music of mobile phone. (This is done via your smartphone)



## Media Playing Advanced Operation

### Media Playing Advanced Operation:

Press on the media playing icon to play the video files and files from SD card or USB Stick. It supports MP4, AVI and 1080P HD video playing format.

Touch  icon to enter full-screen playing, press  icon to stop playing to play or stop playing, press  /  icon to select previous or next chapter, press  icon to play or stop playing,  icons to delete files.  icon to add video files.  icons to check video files list and click to select and play the file.

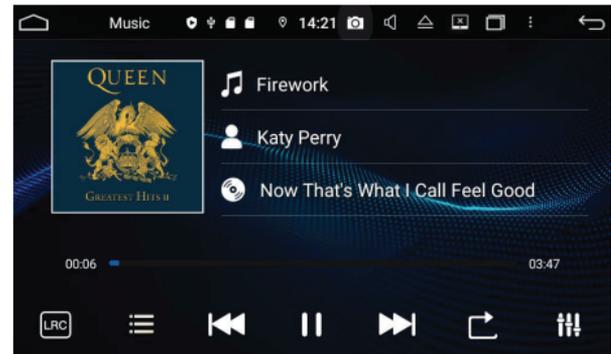
### USB Disk Playing Operation:

Insert the USB disk with media information (MP3, MPEG4, JPEG) into USB port of the product to play it, the screen will show the media playing interface as the below picture:

Press on the music playing icon to play the audio files from SD card or USB disk. It supports MP3, WMA, etc. Touch the  icon to select playing mode

Press  icon to select sound mode. Press  /  icon to select previous or next chapter.

Press the  icon to play or stop,  icon to check the files list.



## Car DVR Operation (Optional)

The video of car DVR are stored in SD card and most files are big, so please use at least 8GB TF card to record the video for long time automatically.

The product can automatically detect the car DVR when it is connected via USB interface.



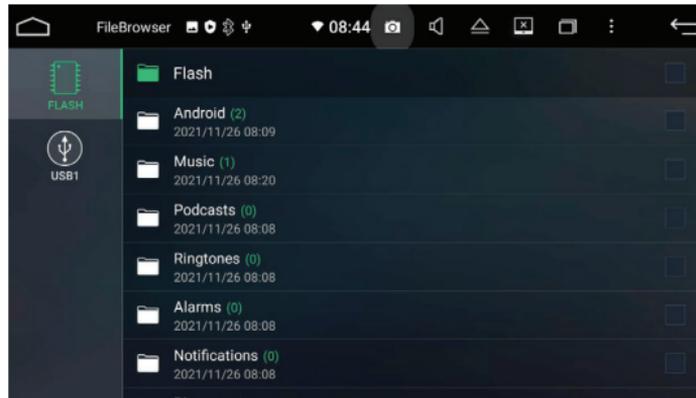
Press the  icon to start recording video, the files can be stored automatically after stop recording.

Press the  icon to check the recorded video list.

The displays time, longitude, latitude and speed are displayed on the left side of video playing interface.

# Files Management Operation

Enter into file management operation interface,as the below picture:



Press the  icon to select the files to remove, select the copy icon , then the paste  icon to copy and paste files,When you don t need the file, press the deleting icon  to delete it.

# Software Install

You can download the application software from PC or Internet through the network connection,- Copy the download software to SD card or USB disc,then insert it into the card slot of the player or connect it.

Then press on the file management to select the software from SD card or USB downloaded application via USB connection.

Long press the APK installation package to install the software.

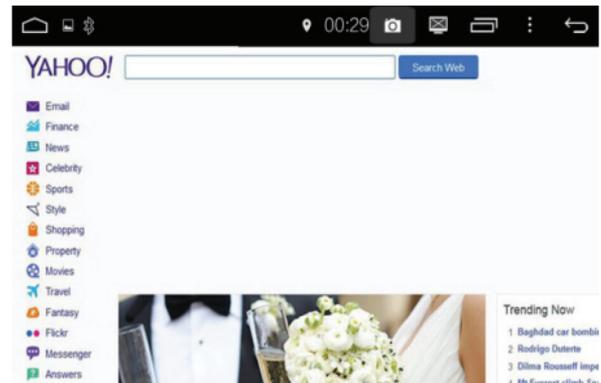
## Browser

After you connecting "hard driver", "SD ", "USB", "photos", "movie" and "Tool", connect, then press "File Manager", you will read the content.

Press "Browser" Open " Google" inter page

You can enter into different websites, then web searching read news, know the newest current events, stock inquiries

Press the icon to open the map you installed.

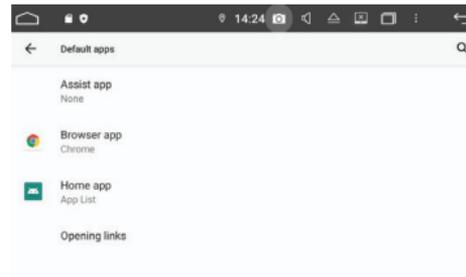
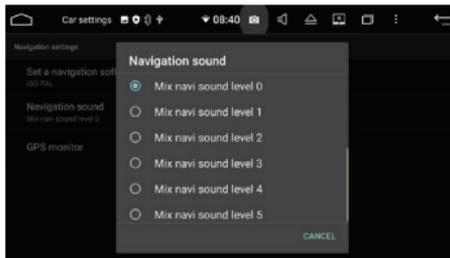


## GPS Navigation APK File Installation Setting *(SMH-580VW Only)*

Select the GPS Card slot path, then press the APK installation files to install the map, as the below picture:

When you need use the navigation, you must press "SD" at first, "IGO" and install the "APK" file.

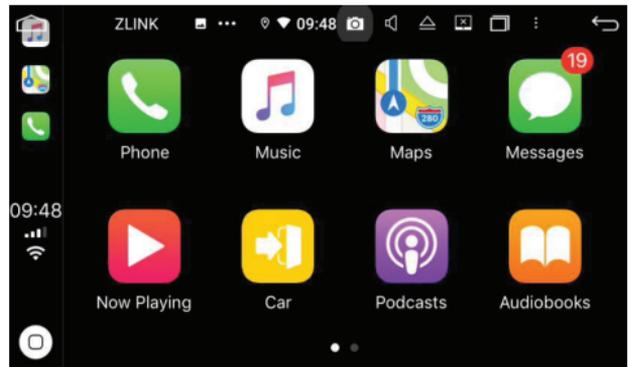
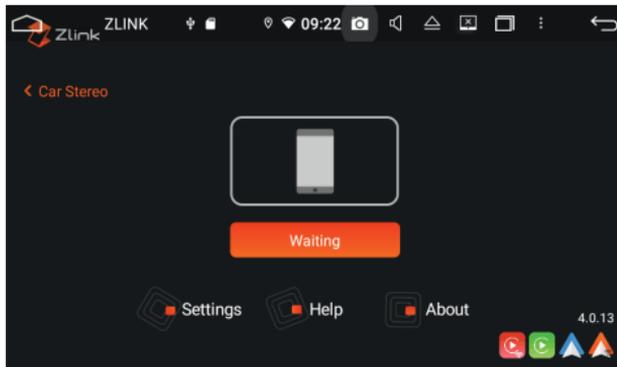
When you install finished map, you can open the map, GPS navigation .



# Carplay and Android Auto <sup>1</sup>

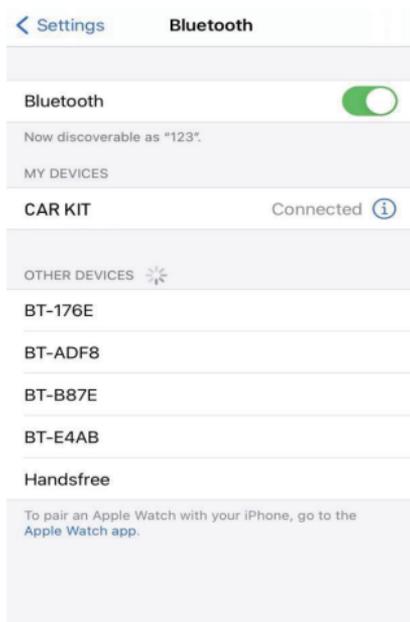
The content of the smartphone can be displayed on the stereo, the mobile phone and the car audio are controlled by each other (the Apple system is one-way control), and it can also be equipped with wired and wireless Carplay and Android Auto. Fully compatible with different versions of iOS and Android.

Wired Carplay - Enter "Zlink" app from the app menu>Take the iPhone original USB cable> plug into the "Apple Car Play/Android Auto" USB port (other USB port cannot work with car play)> Touch  icon to connect successfully.



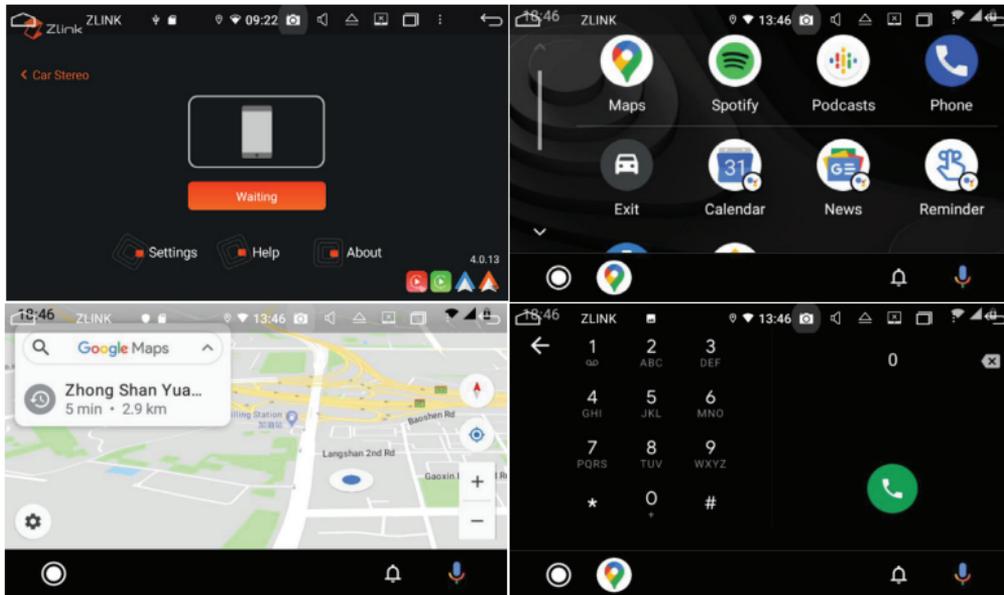
## Carplay and Android Auto <sup>2</sup>

Wireless Car Play - Go to your iPhone Bluetooth settings>switch on Bluetooth> Pair the iPhone, Touch  icon, complete pairing, then it should connect successfully.



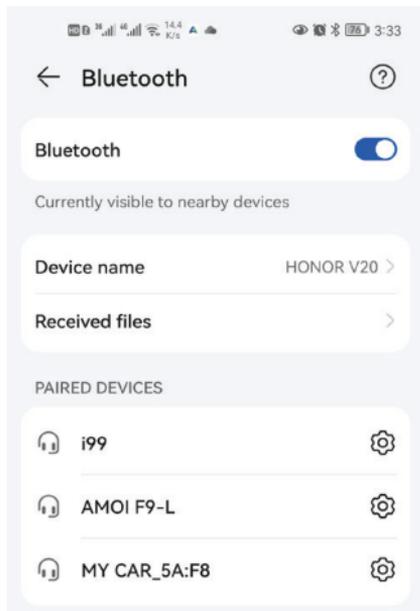
## Carplay and Android Auto<sup>3</sup>

Wired Android – Take the Android original USB cable > plug into the “Apple Car Play/Android Auto” USB port (other USB port cannot work with car play)> Enter “Zlink” app from the app menu)> Touch  icon to connect successfully.

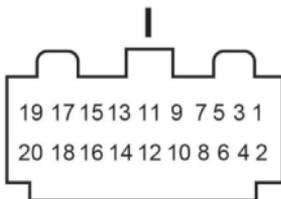


## Carplay and Android Auto <sup>4</sup>

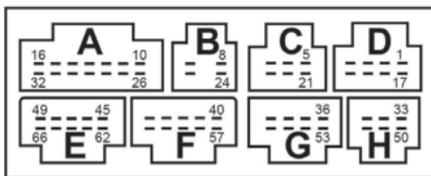
Wireless Android Auto – Go to your Android Bluetooth settings> switch on Bluetooth> Pair the smartphone> Touch  icon to complete pairing, then it should connect successfully.



# Wiring Diagram



WIRE	FUNCTION	WIRE	FUNCTION	WIRE	FUNCTION	WIRE	FUNCTION
1	RL+	6	FR-	11	KEY2	16	ACC
2	RL-	7	RR+	12	GND	17	RX
3	FL+	8	RR-	13	KEY1	18	TX
4	FL-	9	ANT	14	GND	19	BACK
5	FR+	10	B+	15	ILL	20	BRAKE



WIRE	FUNCTION	WIRE	FUNCTION
	NC		NC

WIRE	FUNCTION	WIRE	FUNCTION
	NC		NC

WIRE	FUNCTION	WIRE	FUNCTION
10	NC	26	NC
11	NC	27	VOUT 1 (Optional)
12	SUB WOOFER GND	28	VOUT 2 (Optional)
13	SUB WOOFER	29	VOUT GND
14	RCA GNG	30	RCA OUT RR
15	RCA OUT FR	31	RCA OUT RL
16	RCA OUT FL	32	RCA GND

WIRE	FUNCTION
1	AUX L
2	AUX R
3	AUX VIDEO
4	NC
17	AUX GND
18	NC
19	NC
20	NC

WIRE	FUNCTION
40	MIC-
41	USB GND
42	USB DM(green)
43	USB DP(white)
44	USB_5V
57	MIC+
58	USB GND
59	USB DM2(green)
60	USB DP2(white)
61	USB_5V

WIRE	FUNCTION
33	GND
34	F-CAM GND
35	CAM IN GND
50	F-CAM 12V
51	F-CAM IN (Optional)
52	CAM IN VIDEO