Android Product Operating Manual

ANDROID INTERFACE INSTRUCTION

CLZ001

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3. Don't let children operate this machine, lest cause personal injury and damage to the machine.
4. Please follow the traffic rules when using satellite navigation function to drive.
5. Please do not ban the use of electronic equipment or it is forbidden to use open flame such as gas stations, brewery, strong electromagnetic interference region, otherwise may cause danger.
6. Don't maintenance, maintenance, installation of the machine itself. Under the condition of the plug do not install or repair the machine, by not trained in electronic equipment or vehicles accessories installation personnel or the lack of experience installation and maintenance of this machine is very dangerous.
7. Do not install the machine storage or in direct sunlight place, don't put it in other harmful material environment, especially the LCD screen, if the installation of the LCD screen is in the air conditioner near the air duct, please keep cool and hot air blows directly to the machine, otherwise it may damage the machine, even on the bus or personal injury.
8. Please do not use some sharp objects painted screen, don't use hard objects to press the screen, otherwise will cause damage to display or touch screen.
9. In order to guarantee the normal operation of the machine, and prevent the occurrence of fire or get an electric shock, please don't expose machine in damp air, more can't liquid drying machine.

Tips and warnings:
In order to emphasize the important information of user manual, ⚠ see this tag should pay special attention to, it said some important warning and prompt information.

Safety note
Please read all instructions before installation and suggested by car audio professional installation of the machine.

⚠ The machine is suitable for car 12V power supply system (must have grounding line), please do not install the machine in 24V car, otherwise it will damage the machine.

⚠ In no professional guidance, not to replace the power fuse, use only a fuse of the improper, can cause the damage of the machine and cause a fire.

🚫 In order to avoid the violation of traffic rules, the driver shall not watching while driving and operating the machine, lest produce unnecessary accidents.

🚫 For safety and ensure that the product normal use, please to the professional of this product installation, disassembly or repair the machine by yourself, lest cause the machine damage and accidents, for details please contact with the local professional car audio store.

🚫 Please prevent this product in a humid environment and the water, in order to avoid short circuit caused by electric shock, or other unnecessary damage and fire happened.

Note: In order to prevent it short out, before the installation, please remember that the car stall and breaking the ACC connected to B+.

Machine reset
1. The first use of the system before or after the replacement battery, the machine must be reset.
2. When the machine function is not normal, the machine must be reset.
3. Click restore factory settings in system settings interface, make the machine is in the initial state.
4. Use a pointed object, press the RESET button on the panel, or click the system RESET in the system settings, the machine will be RESET to turn it off, back to the factory the initial state.

Note: press the RESET button and the system initialization will lose time and set the value before.

INSTALLATION
[Power Cable Definition]

White — Front Left Speaker +
White/Black — Front Left Speaker -
Grey — Front Right Speaker +
Grey/Black — Front Right Speaker -
Green — Rear Left Speaker +
Green/Black — Rear Left Speaker -
Purple — Rear Right Speaker +
Purple/Black — Rear Right Speaker -
Blue — Auto Antenna Power
Pink — SW1 (Steering Wheel Control)
Green/White — SW2 (Steering Wheel Control)
Brown — BACK (Parking Sensor Control Wires)
Orange — ILL (Illuminate Backlight)
Red — ACC (Ignition Switch +12V)
Yellow — B+ (Constant Power Supply +12V)
Black — GND (Ground Wire B-)

Auto Antenna Steering Wheel Rear Camera
Battery 12V ACC Headlight Detection Line

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② 914Z — USB Cable
③ USB2 — Driving Recorder
+12V — +12V Output
④ REARCAMEAR-IN — Camera Signal Video In
AUX IN R — Audio Right Input
AUX IN L — Audio Left Input
⑤ AUX OUT R — Audio Right Output
AUX OUT L — Audio Left Output
VIDEO OUT — Video Signal Output
CVBS-IN-1 — Video Signal Input1
CVBS-IN-2 — Video Signal Input2
MIC — BT MIC Expansion
⑥ GPS Antenna

⑦ Use the original radio antenna on the car.

Installation steps

Picture 1 Picture 2 Picture 3

1. How to find the power cord of the car ?
First turn the car key to the ACC state. Then regulate the Universal Watch to the 20V gear. Connect the black stylus to the power ground (the outer ironclad of the cigar lighter) and use the red stylus to test each wire of the car. Normally a car has two wires about 12V(some cars only have one). That is the positive pole line. How to distinguish the ACC and memory line? Pull out the car key after you find the two positive pole lines. The memory line is the electrically charged one after you nuplug the key. *(Look the Picture 1)

2. How to find the ground wire of the car (negative pole)?

Turn the Universal Watch to the on/off beep gear. Then connect the black stylus to the power ground (the outer ironclad of the cigar lighter) and use the red stylus to test each wire except the two power lines. The energized one is the ground wire(negative pole). Some cars have two ground wires. * (Look the Picture 2)

3. How to find the horn line of the car?

Turn the Universal Watch to the on/off beep gear. Connect the black stylus to any wire except the power cord and ground wire. Then use the red stylus to test each remaining wire. The energized one is the horn wire. Then use the same method to find out the other horn lines. *(Look the Picture 3)

4. How to test whether the unit work properly?

When you get the unit, you'd better test the unit with battery or power supply before installation. Wire connection method: Twist the red wire and yellow wire together and then connect them to the positive pole. Connect the black wire to the negative pole. Then press the switch to turn on the unit and get a horn to connect to the horn wire. (Two wires connected to the horn are of the same color. The white wire is supposed to be connected to the positive pole and the white one with black part connected to the negative pole of the horn. You can make no distinction between the positive and negative poles of the horn.) Then test the function of the unit.

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5. How to connect Bluetooth?

Turn on the uint and initiate Bluetooth function of phone, and then search for the user name of the unit. Click the connect button and the phone will show it is connected. If you want to play music with Bluetooth, press the function transition button to switch to Bluetooth mode and then click songs on your phone. You can also dial numbers on your phone to make a phone call with Bluetooth.

6. How to fix the unit ?

Since each car has a different way of fixing the unit and the location of the screws are different, there is no defined way to fix the unit. You may consult the fixing method of the original unit. If it was fixed by tightening screws with the steel angle, you can unload the steel angle of the original unit to both sides of our unit, then use the electrician tape to tight the steel angle (since screw hole size is probably unmatched). If the original unit was fixed with iron frame, you can fix the iron frame of our unit in the car first, and then push the unit to fasten it. If the size is not fit, you can wrap the unit with electrician tape to increase the volume of the unit, and then put it in and fasten it. Or you can think of a better way to fix it, but anyway, you can fix it.

7. How to install the navigation antenna ?

First you should tighten the screws of the navigation antenna and the unit. Then you must fix the navigation antenna module in a place that has sunlight or on the windshieled. (That's very important because poor installation will affect navigation signals.)

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8. The default factory mode password
Factory mode password : 8888

9. The default Bluetooth Pin Code
Bluetooth Pin Code : 0000

SCHEMATIC DIAGRAM OF REVERSING CAMERA WIRING

Rear Camera (selective)

Red: Connect to the positive pole of the upside down lamp.

Black: Connect to the power negative pole.

Connect to CAM VIN .

Red: Connect to the positive pole of the upside down lamp.

Red: Pink line attached to the tail line of the machine (BACK - reversing detection line).

FIXED MACHINE

1. Fix the bracket on the left and right sides of the machine with screws, and adjust the position of the bracket according to the actual installation. *Picture 1
2. Screw the machine in the mounting position of the central console of the car. *Picture 2

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Picture 1   Picture 2

SIMPLE TROUBLE SHOOTING

PROBLEMS,CAUSE & SOLUTIONS

1> Unable to boot normally
– Reason for not booting
1. "Yellow" "Red" "Black" this 3 lines only connected 2 line of them, so it willnot start, it should be that the yellow line is connected to the positive pole, red line to the key control line, black to the negative pole, less connection or wrong connection does not boot.
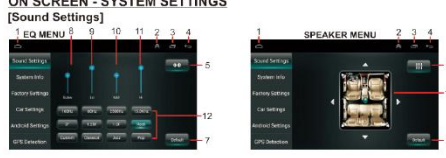
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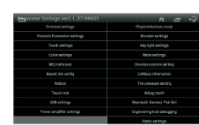2. The original car line and unit wiring can not be connected to the color, the color of the original car line is not standard, if you connect like that it can not only be turned on but also may burn.

3. The original car plug can't be plugged directly into the new unit, even if it just plugs in, it can't be used, otherwise it won't be turned on or burned.

4. The 3 wires are connected right, but it does not boot. Check if the fuse on the yellow line is broken. If there is no problem with the fuse, twist the yellow and red wires together. Turn on the key and press the unit's power button to see if it can be turned on.

5. Every time you change the fuse, it burns. Please don't change it again The reason is that when you first connect the positive and negative poles, the protection circuit of the unit is short-circuited. The unit can be repaired under the guidance of our master. No basis can only be returned to the after-sales or new unit. If these are no problem, or also don't boot, please make the final step to confirm, find a 12V battery or 12V power supply "yellow" and "red" twist together with the positive, black to the negative pole, press the button check if it can boot or no, if you can boot, it showed that the original car line is not right connect, or there is a problem with the car line. If it can't be boot, the unit is broken. Does not boot unit, check the line carefully, do not blindly suspect the unit problem.

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2> Automatic shut-down
– Automatic shutdown usually has these following conditions
1. The cable error connect:If the blue cable (automatic antenna power supply) is connected to the power cable of the unit, an automatic shutdown will occur. Please follow the correct wiring method to solve the problem.

2. The voltage is unstable: please find a 12V-5A whicn one is the power supply and re-tested to see if it will automatically shut down or no. If it does not automatically shut down after the test, please replace the power supply. If it will automatically shut down, it is problem with the unit.

3> Having noise
– The general situation of noise is caused by two reasons
1. The original speaker power is too small. When the volume of the unit is turned up, there will be noise.
Solution: When replacing the speaker or listening to the song, the volume should not be too large.
2. The speaker cable is grounded.
Solution: Take the iron speaker cable. Directly connected to the speaker cable of the unit.

4> Remote control cannot be used
– Check if the battery of the remote control has power

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1. Test method: Turn on the camera of the mobile phone and align the light of the remote control, then press the button of the remote control to see if the phone will light up. If it is not lit, there will be no power. Replace the battery; That is, there is electricity, which proves that there is no problem with the remote control.

5> Settings connot be saved (no memory)
– There is no memory function, there is only 2 points in memory
1. The yellow line and the red line are connected together (separate yellow to positive, red to key control)
2. Yellow and red are reversed (just change position)

7> Car audio with Bluetooth but if can't work
– Check the phone to see if you can search for the unit code or no.
Operation steps: turn on the unit, use the phone Bluetooth search, search for CAR-MP5, then click the connection, after connecting, you can answer the phone or Bluetooth to play the song.
PIN Code: 0000 .

8> The product smoke has proved that the internal circuit has been burned and change the insurance FUSE can not solve the problem
– In this case, the unit needs to be repaired.

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9> How to adjust the sound, where is the equalizer set, the sound can not be adjusted
– Adjust the sound: please turn the volume to adjust.
– Equalizer settings: In general, press the volume knob to display the equalizer SEL, and rotate the volume button to adjust each sound effect.
– The sound cannot be adjusted: 1.Please reset the unit or unplug the power cord and plug it in.   2.The Volume knob is broken, and the knob can be replaced.

10> Support no image of reversing camera
– Generally two situations
1. Connect the wrong line or less wiring. Camera connection method:
    a> The first step is to find accessories (accessory: one camera + one power cord + one video cable).
    b> The second step is to find the port of the wiring.First find the reversing control line on the power line of the unit. The control line is a pink line or brown line, connect this line to the positive pole of 12V and the screen will turn blue. Find the back of the unit the CAME video input interface, find the positive and negative of the backup light. The third step is to connect: there are two sockets on the camera, the red socket is connected to the power cable, the yellow is inserted into the video cable, the red wire of the power cable and the wire of the video cable are screwed

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together on the positive pole of the reverse lamp, and the black wire of the power cable is not used, connected, the other end of the video cable is connected to the CAME video input interface on the back of the unit. The red line coming out of the video line is connected to the reversing control line of the power line.

2. The camera is broken. If the lamp that is properly wired to the camera is not lit, it will be broken and replaced with a new one.

11> USB flash disk can not be played, the card with the map can not be recognized, the card slot does not enter the card, the map card folder has no content?
– USB flash disk can not play:
Format the USB falsh disk, and the file system is selected as: FAT32, re-download on or two songs and try again. If it still doesn't work, please replace the USB flash drive.
– The map card cannot be recognized:
Insert the card into the computer to format, re-download the map or change the memory card to download the map software.
– The card slot does not enter the card:
Check whether the memory card is inserted, the plug is broken.
– There is no content in the map card folder:
Insert the card into the computer to view it. If there is no content, you need to download it again.

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12> FM does not receive the program
– Can not receive the station check the 2 points
1. The antenna plug is not fully inserted, the antenna is disconnect or the line is disconnect.
2. Search channel, hold AMS does not let go for 2 seconds The unit will automatically search or press the up and down button to perform a channel search. Can't solve the above 2 points, Please unplug the antenna plug and find a screwdriver or a metal strip to insert it instead of the antenna.

13> How to install
This depends on your personal hands-on skill. Most people can install it themselves. That is so good. No worry about it, I will tell you how to do it. [Installation method]: Remove the original car radio, the new unit can be installed back according to the installation method of the original car radio (that is, how the original car unit is installed, you will install it back, you will do).

14> How to remove the original car's radio
The best way is to do it yourself. If it doesn't, you can ask the installer to help you.

15> Install it without reading the card or USB flash disk
– Before the unit is shipped, it is tested that the USB flash disk and the card are not read. Do not easily suspect the unit. First format tha card or USB flash on the computer and

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download again, then try again. If not, please change your card or USB flash disk to try it. If you still can't, please unplug the unit and plug it in again. If you don't read it, it may be a unit problem, return to the new or after-sales.

16> Just installed no sound
– Dear customers, the unit has been tested before shipment. If there is no sound, it is usually a wiring error or the original car speaker wire is short-circuited with iron. Please do not doubt the unit. Accoding to the steps to check it.
1. Check if the speaker cable is short-circuited and connected. Please reconnect if you have any short cirsuit.
2. Check how many speaker cables accoding to the original speaker cable if there are only 2 speaker cables to prove that the original car line does not match our unit, you need to re-route the original car line. One speaker must lead to 2 speaker wires. 2 speakers must be have 4 speaker cables to available.

17> After a while there is no sound
– Disconnect all the speaker cable from the unit (do not remove all of them), and then find an external speaker to receive the gray and purple of the tail line of the unit. Green any group, and then try to see if there is any sound. If there is a sound, it is proved that the car's speaker line is short-circuited with iron or the speaker is damaged. If there is no sound, the unit is broken.

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[INTRODUCTION TO BASIC FUNCTIONS]
Main Unit Operation

Symbol/Function	Operations & Controls
MIC	For voice operation, press under Bluetooth operation.
RST	Press with a pointed object (such as ball point) to reset the unit to its initial setting by the factory (default stage).
⏻	When the unit is turned off, press to turn on the nuit. When the unit is turned on, long press for 3 seconds to turn turn off the unit, and short press repeatedly to mute and relieve mute.
⌂	Press to the **MAIN MENU**.
⮌	Press to return to the previous interface.
🔊+	Press repeatedly or press & hold to increase sound output level.
🔊-	Press repeatedly or press & hold to reduce sound output level.

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ON SCREEN - MAIN MENU OPERATION

* Touch the icon on the desired mode on screen and the unit will then enter into the mode that selected for operation.
* Hold & slide the operation icon on screen to shift to other **MAIN MENU** that shows the hidden input or operation icons.
1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.

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5. Touch to screen to start various **System Settings**(Page21) of the unit.
6. Touch to shift screen to the **Icon Desktop**(Page35) of the installed app.
7. Touch to shift screen to navigation.
8. Touch to shift screen to **Muisc Play Operation**(Page).
9. Touch to shift screen to **BlueTooth Operation**(Page).
10. Touch to shift screen to **Radio Operation**(Page).
11. Touch to screen to start various **System Settings**(Page21) of the unit.
12. Touch to shift screen to **Video Play Operation**(Page40).

ON SCREEN - SYSTEM SETTINGS
[Sound Settings]

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1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to shift screen to **SPEAKER MENU**.
6. Touch to shift screen to **EQ MENU**.
7. Touch to rese all items of the current interface to the default value.
8. With continuous touch and movement, you can set the value of the subwoofer to achieve the desired effect.
9. With continuous touch and movement, you can set the value of the bass to achieve the desired effect.
10. With continuous touch and movement, you can set the value of the midrange to achieve the desired effect.
11. With continuous touch and movement, you can set the value of the treble to achieve the desired effect.
12. The user can select different system preset EQ modes and set different values.
13. The user can select different system preset EQ modes and set different values.
14. Touch the front, rear, left and right arrows to decrease the volume output of the speaker corresponding to the mute. Or you can touch and drag the small ball on the screen to any position in the box to achieve the effect of setting the speaker.

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[System Info]
Touch to view information about important parts of the system.

[Factory Settings]

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1. Enter the password to enter the Factory Settings. The password is: 8888.
2. The Factory Setting interface is an option for inportant data of the system. Please set it carefully.

[Car Settings]

1. The original car is set according to the protocol box company provides the agreement to set the original car, features are:

Set the basic body and detailed information.
Operate the main unit with the original car panel keys and panel knobs.
Display air conditioning information and radar information, etc.
(Note: The original car set function in accordance with the agreement to complete)

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[Android Settings]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. **WIFI:** Touch to open the WIFI connection interface, search for the WIFI name you need, then click on the connection.
6. **Data usage:** Touch to open the monitoring interface for data usage. You can view the usage of data traffic in the corresponding date.

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7. **More**: you can turn on or off the Airplane mode, setting Tethering & portable hotspot.
8. **Display**: Touch to open Display interface. You can setting the Wallpaper and Font size, Turn on or turn off the video output function of the machine.
9. **Sound & notification:** Touch to open Sound & notification interface. The user can set the alarm clock, the bell and the key tone of the system.
10. **Apps:** Touch to open Apps interface. You can separately view that all the apps that have been installed on the machine.
11. **Storage & USB** : Touch to open Storage & USB interface. You can see the total capacity and usage of built-in memory and the expanded memory.
12. **Location:** Touch to get the current location information.
13. **Security:** Touch to set up security options for the system.
14. **Accounts:** Touch to view or add user information.
15. **Google:** Touch to setting Google server information.
16. **Language & input:** Touch to set up language for the system, how many more the 40 languages to choose from. and you can also set up the system's input method on this page.
17. **Backup & reset:** Touch to shift screen to Backup & reset interface. You can perform the following actions on this page:
   ① Back up my data: Back up app data, WIFI passwords and other settings to Google servers.

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   ② Backup account: Need to set the backup account.
   ③ Automatic restore: When reinstalling an app, restore backed to setting and data.
18. **Date & time:** Touch to open Date & time interface. In this interface, you can do the following:
   ① Automatic date & time: You can set it to : Use metwork-provided time / Use GPS-provided time / Off.
   ② Set date: Touch to set the date, provided that Automatic date & time must be set to Off.
   ③ Set time: Touch to set the time, provided that Automatic date & time must be set to Off.
   ④ Select time zone: Touch to set the time zone.
   ⑤ Use 24-hour fomat: Touch to switch the time display format to 12-hour or 24-hour.
19. **Accessibility:** Touch to open Accessibility interface. Users can perform the following operations:
   ① Captions: Users can turn on or turn off the captions, and setting Language, Text size, Caption style.
   ② Magnification gestures: Users can turn on or turn off this operation.
   ③ Large text: Turn on this switch to make the font displayed on the screen larger.
   ④ High contrast text: Users can turn on or turn off this operation.
   ⑤ Touch & hold delay: Users can choose three modes: Short, Medium, Long.

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   ⑥ Quick boot: Users can turn on or turn off this operation.
   ⑦ Color inversion: If turn on this switch, the background of the screen will turn black.
   ⑧ Color correction: Users can turn on or turn off this operation.
20. **About vehicular platform:** Display important information such as the system and version of the machine.

[GPS Detection]

It is used to display the number of satellites currently positioned by GPS, the signal strength of the positioned satellites, and other information of the satellites.

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[Volume settings]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. After touching the hook, the machine will silence all the sounds output.
6. After touching the hook, every time you turn on the machine, the volume will go back to the value set in Default volume.
7. Touch and drag to set the volume of the media.

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8. Touch and drag to set the volume of the Call.
9. Touch and drag to set the Mixing Ratio of the sounds output.
10. Touch and drag to set the Default volume of the sounds output.

[Brightness]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.

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5. Connect the ILL line of the tail line of the machine to the positive pole of the headlamp of the car. When the headlamp is off, touch "+" or "-" to adjust the brightness of the machine backlight.
6. Connect the ILL line of the tail line of the machine to the positive pole of the headlamp of the car. When the headlamp is on, touch "+" or "-" to adjust the brightness of the machine backlight.

[Navigation]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.

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3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. After touching the hook, boot automatically run navigation.
6. If multiple navigation software is installed in the system, After touching the hook, the system will always ask which navigation software should be opened each time the navigation is started.
7. A list of navigation software installed in the system, the user can select one of the navigation software. when the navigation is turned on, the system will automatically run the navigation software.
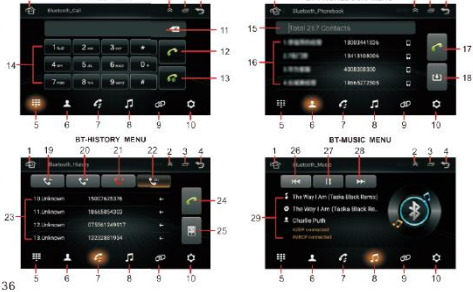
[Steering Learn]

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1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to clear all learned steering wheel buttons.
6. List of steering wheel keys that can be used for learning.

Steering wheel button learning method:

Connect KEY1 and KEY2 on the power cord plug of the machine to the steering wheel control line of the original car. After touching a button icon on the screen, quickly find the corresponding function button on the original car steering wheel, and press the button to not release until the machine screen prompts Setup success! indicating that the learning has succeeded, and the next button can be learned.

[Logo Settings]

1. Logo Set: The user can set the car logo displayed when the machine is turned on. The user can select from the pictures preset by the system, or select from user uploaded pictures.
2. Animation: The user can set the animation when the machine is turned on. The user can select from the animation preset by the system, or select from user uploaded animation.

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[Other Settings]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Float Bar: After touching the hook, **Float Bar**(Page) will appear on the screen, you can click Float Bar to open the shortcut button.
6. Hand Break: Touch screen selection tick. When this switch is turned on, watching the video being played will not be allowed during the driving process. When this switch is turned off, you can watch the video in play at any time.

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7. Screen Setting: Touch screen selection tick. The machine screen display will force a horizontal screen display.
8. Revers Settings: The user can set whether the machine is in silent mode when reversing.

On screen - icon desktop

[Bluetooth]

Connection method: the machine power on, mobile phone open Bluetooth function, search equipment, the default Bluetooth name of the machine is: Car BT, after searching for the name, click on the paired connection, connection password: 0000.

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1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to shift screen to **BT-CALL MEUN**.
6. Touch to shift screen to **BT-PHONEBOOK MEUN**.
7. Touch to shift screen to **BT-HISTORY MEUN**.
8. Touch to shift screen to **BT-MUSIC MEUN**.
9. Touch to shift screen to **BT-CONNECT MEUN**.

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10. Touch to shift screen to **BT-SETTINGS MEUN**.
11. Phone number display area, number display area entered by numeric keypad.
12. Touch to dial the phone number of the current input area.
13. Touch to re-drawing the last dialed number.
14. Keyboard area for incoming telephone numbers.
15. Search contacts in the current address book.
16. List of downloaded address book displays.
17. Select a contact from the contact list and touch the button to dial the contact number.
18. Touch to download the address book of the currently connected cell phone.
19. Touch to view a list of all incoming phone numbers.
20. Touch to view a list of all phone numbers that have been dialed.
21. Touch to view a list of all unanswered phone numbers.
22. Touch to view a list of all call phone numbers.
23. Corresponding phone number list display area.
24. Select a contact from the contact list and touch the button to dial the contact number.
25. Touch to download all history for connected phones.
26. Touch to switch to the previous music playback.
27. Touch to pause music playback and touch again to resume playback.
28. Touch to switch to the next music playback.
29. The name and singer of the currently playing song.
30. Show phone name of paired connection.

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30. **Device name**: Touch to change the default Bluetooth device name. The default Bluetooth device name is: Car BT.
31. **Device PIN:** Touch to change the default Bluetooth device PIN. The default Bluetooth device name is: 0000.
32. **Auto answer:** Touch to turn on or turn off the Auto answer operation. When this operation is turn on, and the phone calls in, the phone will be automatically answered.
33. **Auto connect:** Touch to turn on or turn off the Auto connect operation. When this operation is turn on, and the device is desconnected, the previously connected mobile will be automatically connected to the device within the range of distance. When this function is closed, each device needs to be manually connected after disconnection.
34. **Power**: Touch to turn on or turn off the BT Power. When BT Power is turn off, the phone will not be able to search for the Bluetooth device.

[Localmusic]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to mute all sound output, touch again to unmute.

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6. Touch and drag the progress bar to adjust the volume.
7. Song list display area.
8. Detailed information display area of the currently playing song.
9. The progress bar of the currently playing song, touch and drag the progress bar to change the playback progress.
10. Touch to shift screen to **MUSICLIST MENU**.
11. Touch to switch the play mode: Random / Repeat all / Repeat one.
12. Touch to shift to next or previous track playback.
13. Touch to start, pause or resume playback.
14. Touch to shift screen to **Sound Settings**(page21).

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15. Touch up page song list.
16. Touch down page song list.
17. Touch to sort songs from Song, Directory, Singer, or click Search, enter a song name, and search for songs from the song list.
18. Touch to select to display songs from all media, or just show songs from the SDcard, or just show songs from Udisk.
19. Touch to show a list of favorite songs.
20. Touch repreatedly to filter songs in all formats, MP3 format, or CD format.
21. Touch to collect all songs.
22. Touch to enter a song name, and search for songs from the song list.
23. Song list display area.

[LocalRadio]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to mute all sound output, touch again to unmute.

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6. Touch and drag the progress bar to adjust the volume.
7. Touch to fine tune the radio frequency upward or downward. Touch & hold shortly to search for effective stations forward or downward, and broadcast the station. Touch again to stop search.
8. Touch to shift screen to **MAIN MENU**.
9. The touch starts scanning the full-band station and stores the scanned valid radio station in the station list(14), and the stored first station is automatically played after the scan is completed.
10. Touch forward or backward to scan a valid radio station. After scanning to a valid station, it will stop to play the station and will not continue scanning.

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11. Touch repeatedly to switch between FM and AM.
12. Touch repeatedly to switch between STRONG and WEAK, which is a station that can keep a weak signal or a station that only retains a strong signal when scanning a station.
13. Touch to shift screen to return to the previous interface.
14. A list of stations that have been stored on the radio, and the user can select one of the stations to listen to the radio. When the user sets a radio frequency by himself, he can also press and hold the position in one of the lists to save the frequency in the list. Touch and drag the list to flip the page for a total of 8 pages.

[Net Navi]
Touch to open GPS navigation, the system will ask to select multiple navigation software installed, or automatically launch the default navigation software that has been set.

[Video]
1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
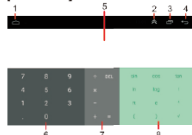
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5. Touch to shift screen to **VIDEO LIST MENU**.
6. The progress bar of the currently playing video, touch and drag the progress bar to change the playback progress.
7. Touch to shift screen to **Sound Settings**(page21).
8. Touch to shift to next or previous track playback.
9. Touch to start, pause or resume playback.
10. Repeated touch can switch the screen display mode: Auto, Full Screen, 4:3, 16:9.
11. Touch to shift screen to **VIDEO MENU**.
12. Video list display area.
13. Select different tabs to display more video list information.
14. Touch to select to display videos from all media, or just show videos from the SDcard, or just show videos from Udisk.
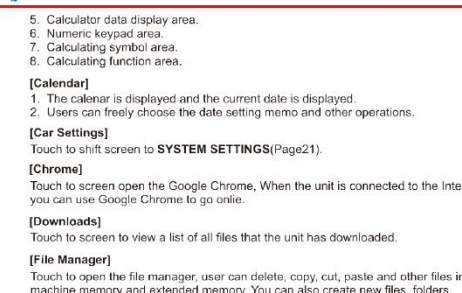
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[Avin]
The user can input external video to the machine through the terminal line on the front of the machine: CVBS-IN, and AUX-IN to input external audio to the machine.

[Calculator]

1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.

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5. Calculator data display area.
6. Numeric keypad area.
7. Calculating symbol area.
8. Calculating function area.

[Calendar]
1. The calenar is displayed and the current date is displayed.
2. Users can freely choose the date setting memo and other operations.

[Car Settings]
Touch to shift screen to **SYSTEM SETTINGS**(Page21).

[Chrome]
Touch to screen open the Google Chrome, When the unit is connected to the Internet, you can use Google Chrome to go onlie.
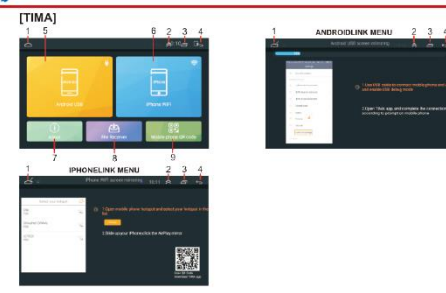
[Downloads]
Touch to screen to view a list of all files that the unit has downloaded.

[File Manager]
Touch to open the file manager, user can delete, copy, cut, paste and other files in the machine memory and extended memory. You can also create new files, folders.

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[TIMA]

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1. Touch to shift screen to **MAIN MENU**.
2. Touch to hide the shortcut menu button area. Touch the top and pull-down of the screen and wake up the shortcut menu button.
3. Touch to display all the programs running in the background, where you can choose to close the programs running in the background.
4. Touch to shift screen to return to the previous interface.
5. Touch to shift screen to **ANDROIDLINK MENU**.
6. Touch to shift screen to **IPHONELINK MENU**.
7. Touch to display information about the software.
8. Touch to enter the file transfer interface.
9. Touch to open a QR code and the phone scans the QR code to download the TIMA APP.

ANDROIDLINK MENU
1. Use USB cable to connect mobile phone.
2. Open the developer option on the phone, enter the developer option, and open USB debugging.
3. Open TIMA app, and complete the connection according to prompt on mobile phone.
Note: If the developer option is not found in the phone settings, please go to About the phone and click on the version number 7 times in succession. You will be prompted: You are already in developer mode.

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IPHONELINK MENU
1. Open mobile phone hotspot and select your hotspot in the list.
2. Slide up your iPhone, click the AirPlay mirror.
3. Scan QR code and Download TIMA APP, install TIMA APP.

ON SCREEN - FLOAT BAR

Go to the settings interface, other settings, find the Float Bar and choose to tick.
1. Float Bar can appear in any interface, touch to open the shortcut menu.
2. Touch to shift screen to return to the previous interface.
3. Touch to reduce the volume.
4. Touch to increase the volume.
5. Touch to shift screen to **MAIN MENU**.
6. Touch to shutdown the machine.

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Thank you again for using our products. If you have and other questions, please contact our customer service staff. The product UI interface or function may be modified and upgraded from time to time without prior notice. If there are some differences in the manual, it is normal.

SPECIFICATION

VIDEO SECTION
Video System:	NTSC
Video Output Level:	1.0 Vp-p 75 Ohms
Horizontal Resolution:	500

BLUTOOTH SECTION
Communication type:	V4.0
Maximum Distance:	5 meters

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SPECIFICATION

GENNERAL
Power Requirement:	DC 12 Volts, negative ground
Load Impedance:	4 Ohms
Maximum Power Output:	60 Watts x 4 (RMS)
Tone Control - Bass (at 100 Hz)	+/- 8 dB
Tone Control - Treble (at 10 KHz)	+/- 8 dB

FM RADIO SECTION
Frequency Range:	87.5 - 108 MHZ
Usable Sensitivity (-20 dB):	15 dB
Signal to Noise Ratio:	60 dB
Stereo Separation (at 1KHz):	30 dB
Frequency Response:	30 Hz - 15 KHz

AUDIO SECTION
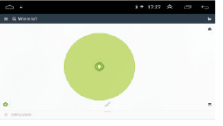|	
Maximum Output Level:	2 Vrms (+/-3 dB)
Frequency Response:	20 Hz - 20 KHz
Signal to Noise Ratio:	85 dB
Channel Separation:	80 dB

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Offline Map Operation Guide

Thank you for purchasing our android car navigation device. In order to use the offline function of the device, please follow below steps for setup.

1. Power on the unit and connect the device to internet by Wifi.
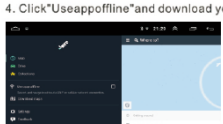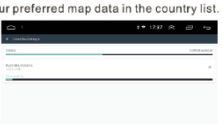2. Find the APP named Here in the main menu.

3. Follo wthe tips of the app to the main map page and find the option menu

4. Click"Useappoffline"and download your preferred map data in the country list.

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

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 and your body.