Nakamichi

NAM5960 Pro-AL40

User Manual

15.3" ANDROID MULTIMEDIA RECEIVER

CONTENTS

Warning & Precaution....1EN

Product Features....2EN

Wiring Connection....3EN

Accessory List....4EN

Front Panel....5EN

Home Pace Operation....6EN

Radio....7EN

Bluetooth....7EN

Music Playback....8EN

Video Playback....8EN

Sound Effects....9EN

Zlink5....11EN

360 Panoramic View....13EN

4C Lte Network....14EM

WALLPAPER SETTING....14EM

Gps Antenna Cabling Installation....15EN

Camera Wiring Installation And Setting....15EN

Setting....16EN

Common Troubleshooting Guidelines....19EN

Specification....20EN

WARNING & PRECAUTION

To avoid risk of serious injury or possible violation of laws, please read the following thoroughly before installation or connecting.

This symbol means important ban. Failure to heed them can result in serious injury or death.

This symbol mean important instructions. Failure to heed them can result in injury or material property damage.

Having the wiring and installation done by expert.
The wiring and installation of this unit requires special technical skill and experience. To ensure the safety, always connect the dealer where you purchased this product to have the work done.

Do not watch video or operate the unit while driving.

Do not install in location which may hide vehicle operation, such as steering wheel or gearshift or cover of air bag.

Do not touch antenna or any plugs while in thunder storm to avoid electric shock.

Do not damage wiring. Failure to do so may result in electric shock or fire due to electrical shorts.

Do not install in locations with in high moisture or dusty. Moisture or dusty that penetrate into this unit may result in product failure.

Be sure to use specified accessory parts and install them securely.

Be sure to use the correct ampere rating when replace fuses. Failure to do so may result in fire of electric shorts.

Be sure to disconnect the cable from the negative battery terminal wile installation. Failure to do so may result in electric shock or injury due to electrical shorts.

Be sure to connect 'Parking Break' lead so that the driver can not watch the video unless the vehicle is stopped. Failure to do so may result in traffic accident or violation of laws.

Be sure to check the installation of antenna regular. Antenna dropping may result in an accident while the vehicle is running.

PRODUCT FEATURES

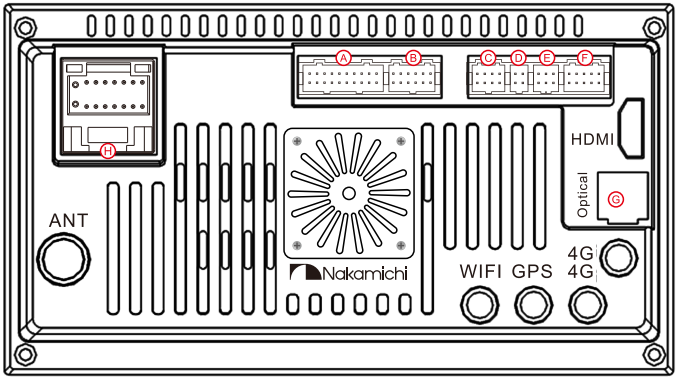
Hi-Fi Audio

- 5.1 Audio Pre-output
- DSD Audio Playback
- Hi-Res Auido Playback
- Lossless Music Playback
- Center Audio Output
- Subwoofer Audio Output
- Digital Audio: Optic Output
- Digital Audio: Coaxial Output
- Support Time Alignment Setup
- High-Power ST7850
- Maximum Power 4x50W
- Professional DSP
- Built-in 48-Band EQ
- Q Value Adjustment
- 20 Preset Sound Effects
- DTS Surround Sound
- Support TruBass
- Support Audio Focus
- Support Circle Surround
- Support Phantom Center
- 5 Preset DTS Processing
- Support 4CH,4.1CH,5.1CH

Configuration

- 1920x1080 QLED IPS Screen
- 2.5D G+G Full Glass
- Qualcomm 8 Core A73 CPU
- NK13.0 Operating System
- 4+64GB | 8+128GB | 8+256GB Large Memory
- Built-in 360 Panoramo
- High Sensitivity Radio
- Support 4G Network
- AHD Camera input
- Built-in Bluetooth 5.0
- Support HDMI Output
- Support Optical Fiber Output
- Supports USB To CVBS Output
- Capacitive Screen
- 500 Lumens LCD Screen
- Built-in GPS
- Support 2.4G/5G Wifi
- USB Playback
- 2160P Video Playback
- Support iOS Phone Mirrorlink
- Support Android Phone Mirorlink
- Support Bluetooth Music Playback

WIRING CONNECTION



Interface

A: Input/Output/4G SIM

B:360 Panorama

C: Audio Output

D:4P USB1

E: 6P USB2

F: Camera input

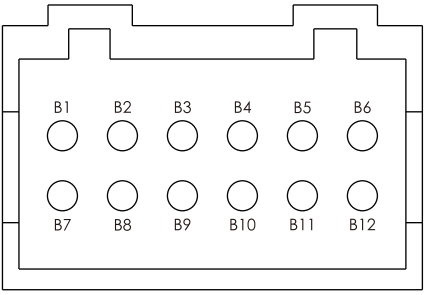
G: Optical Output

H: Power supply

H: Power Supply

Color	Name
Black	Ground Wire
Yellow	Battery Wire
Red	Ignition Wire
Orange	Lamp Control Wire
Green/Grey	Reverse Wire
Yellow/White	Steering Wheel Control Wire 1
Orange/White	Steering Wheel Control Wire 2
Blue	Fan/Automatic Antenna
Gray/Black	Front Right Speaker-
Gray	Front Right Speaker+
Green/Black	Rear Left Speaker-
Green	Rear Left Speaker+
White/Black	Front Left Speaker-
White	Front Left Speaker+
Purple/Black	Rear Right Speaker-
Purple	Rear Right Speaker+

B: 360 Panorama



A: Input/Output/4G SIM

Label	Color	Name
AR VIDEO IN	Yellow	Front Camera Video Input
FL Audio Out	White	Audio Front Left Output
FR Audio Out	Red	Audio Front Right Output
Subwoofer Out	Green	Audio Subwoofer Output
MIC	Black	External MIC Interface
AUX Video In	Yellow	Video Input
AUX IN-R	Red	Audio Right Input
AUX IN-L	White	Audio Left Input
SIM	Black	4G SIM Card
AMP	Green	AMP

C: Audio Output

Label	Color	Name
RL Audio Out	White	Audio Rear Left Output
RR Audio Out	Red	Audio Rear Right Output
Coaxial Output	Green	Coaxial Output
Center Out	Brown	Center Out
Can Agreement	Green	Can-TX
Can Agreement	Green/Black	Can-RX

F: Camera Input

Label	Color	Name
Camera Input	Yellow	Camera Signal Input
Camera Power Supply GND	Black	Camera Power Supply GND
Camera Power Supply +12V	Red	Camera Power Supply +12V
BRAKE	Pink	Brake Detection

B: 360 Panorama

Pin	Name	Pin	Name
B1	Left Turn Detection	B7	Right Turn Detection
B2	Ground	B8	Front Camera Input
B3	Ground	B9	Right Camera Input
B4	Ground	B10	Rear Camera Input
B5	Ground	B11	Left Camera Input
B6	Power + 5V	B12	Power + 5V

ACCESSORY LIST

Please check the following accessories after opening the package:

Power Supply Wire x1	20P input/Output Cable x1	10P Camera Input Cable x1

8P Audio Output Cable x1	4P USB Wire x1	6P USB Wire x1

4G Antenna x 2pc	GPS Antenna x1pc	Can Bus Decoder x 1pc

User Manual x1

FRONT PANEL

Function	Operations & Controls
1. Air conditioning knob (left)	Turn the knob to the left to decrease the temperature or wind speed of the left air conditioner, turn it to the right to increase the temperature or wind speed of the left air conditioner, and press it to switch the air direction;
2. Air conditioning knob (right)	Turn the knob to the left to decrease the temperature or wind speed of the right air conditioner, turn it to the right to increase the temperature or wind speed of the right air conditioner, and press it to switch the temperature and wind speed mode;
3. RST	Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage);
4. A/C	Air conditioner A/C switch;
5. Internal and external circulation	Air conditioner internal and external circulation switch;
6. PWR/VOL	Turn the knob left to decrease the volume, turn it right to increase the volume, short press to mute, long press to pause the screen;
7. OFF	Air conditioner wind speed switch;
8. AUTO	Automatic air conditioner;
9. MIC	Microphone: Voice receiving position.

1. Exit key	∨	Exit the touch screen hidden button.
2. Return	↩	Press to back to previous.
3.Home	⌂	Press to enter main menu.
4. Clear key	▭	Clear the used application interface.
5.Power	⏻	In the power-on state: Press to Mute Press and hold for more than i seconds to turn off the screen.
6. Volume	🔊+	Short press to increase volume.
7. Volume	🔊−	Short press to decrease volume.

HOME PACE OPERATION

Press[ ]on the panel to enter the homepage, the homepage is displayed as follows:

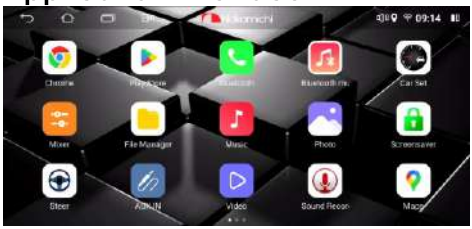
- Click to return
- Click to home
- Click to close applications
- Bluetooth connection information
- Voice display
- Time display
- Click to GPS
- Click to Bluetooth
- Click to view all the applications
- Click to car setup
- Click to wallpaper replacement

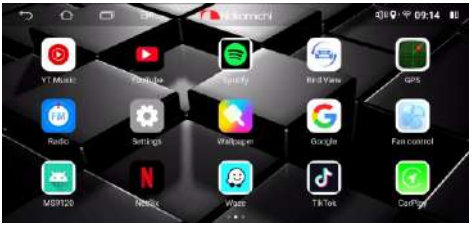
Home Icon Replacement And Movement

NAM5960 support:
1.Change the position of the icon on the main interface
2. Support moving the icons of the secondary interface to the homepage

The operation is as follows:
1. Press and hold the icon that needs to be moved,
2. Drag the icon to move it to the desired position.

Application Interface





RADIO

FM Interface

- FM band
- AM band
- AF function
- TA function
- PTY list
- Click the icon to pop up the key board interface, manual input to switch radio.

AM Interface

- Automatically search
- Search backward
- Increase frequency forward
- Search forward
- Increase frequency backward
- Play/Pause

Manual Search Interface

1. Press [⌂] on the panel to enter the homepage.
2. Click to [ ] to enter the radio interface.
3. Click to [ ] to enter the manual search interface.
4. Enter the stations want to search for and press [OK].

RDS Function

RDS will allow you to display information such as traffic status, radio station name and more.
The unit can automatically switch to the strongest station based on the similar program.

BLUETOOTH

1. Press [⌂]on the panel to enter the homepage. 2.Click to[ ]to enter the bluetooth call interface.

Bluetooth Call

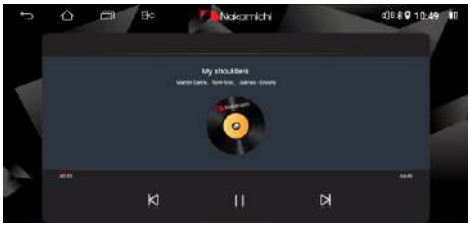
History Call Record

Phone Book

Favorites List

BLUETOOTH

Bluetooth Music Playback



1.Press[⌂]on the panel to enter the homepage
2. Click to [♫] to enter the bluetooth music playback.

- Previous track
- Play/Pause
- Next track

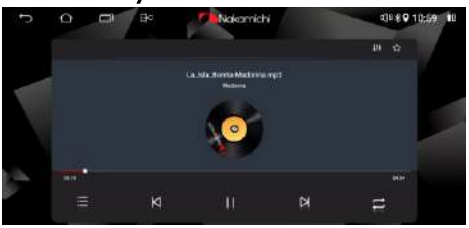
MUSIC PLAYBACK

1. Press [⌂]on the panel to enter the homepage.

2.Click to[♫]to enter the music interface.

Music Playback Llist

Music Playback Interface



- Playback USB1 list music
- Playback USB2 list music
- Playback USB3 list music
- Playback favourite list music
- Playback list
- Previous track
- Play/Pause
- Next track
- Repeat playback
- EQ setup
- Add to favorite stations
- Random playback
- Repeat the current playback song
- Playback local list music

VIDEO PLAYBACK

1.Press[⌂]on the panel to enter the homepage,

2.Click to[▷]to enter the video interface

Video Playback List

Video Playback Interface

- Playback USB1 list video
- Playback USB2 list video
- Playback USB3 list video
- Previous Video
- Play/Pause
- Next video
- Repeat Playback
- Random playback
- Repeat the current playBack video
- Playback local list video

Note: When using USB to play 4K video, the video file bit rate exceeds 60Mbps, the video may be played out. Please store the video file locally on the copy machine and play it normally.

SOUND EFFECTS

HiFi DSP

1.Press[⌂]on the panel to enter the homepage.
2.Click[ ] to enter the sound effects interface.
3.Click [HiFi DSP] to enter the HiFi DSP interface.
4. Select the Speaker channel (2CH, 2.1CH, 4CH,4.1CH, 5.1CH)

EQ Selection

1.Press[⌂]on the panel to enter the homepage.
2.Click[ ]to enter the sound effects interface.
3. Click [Sound Effect] to enter the EQ selection interface.
4. Click the [-] or [+] icon corresponding to Q value to adjust the size of Q value.
Q value range: 1~10
5.Click[Link Channel] to enter the EQ Settings.

EQ Setting

6. The machine is equipped with 48 band EQ adjustable(20Hz,25Hz,31Hz,40Hz,50Hz,62Hz,70Hz, 80HZ,90HZ,100HZ,110HZ,120Hz,140Hz,160Hz,180Hz, 200Hz,250Hz,315Hz,400Hz,500Hz,630Hz,700Hz, 800Hz,890Hz,1KHz,1.1KHz,1.25KHz,1.4KHz,1.6KHz, 1.8KHz,2KHz,2.2KHz,2.5KHz,2.8KHz,3.2KHz,4KHz, 5KHz,6.3KHZ,7KHz,8KHz,9KHz,1OKHz,11KHz,12.5KHz, 14KHz,16KHz,18KHz,20KHz).
Adjustable range of each frequency:-10~10

X-Over Adjustment

1.Press[⌂]on the panel to enter the homepage.
2.Click[ ]to enter the sound effects interface.
3. Click [X-Over] to enter the X-Over interface.
4.Click Front HPF, Front LPF, Rear HPF, Rear LPF, Center HPF, Center LPF, Subwoofer LPF set the value of each channel.
5.Frequency the [-] or [+] icon adjusts the corresponding frequency point: 20Hz, 25Hz, 32Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 350Hz, 400Hz, 450Hz, 500Hz, 550Hz,600Hz, 650Hz,700Hz,1.4kHz,2.2kHz,2.8kHz,3.5kHz,4.0kHz, 5.0kHz,6.3kHz,8.0kHz,10.0kHz,13.0kHz,16.0kHz, 20.0kHz.
6. Slope the [-] or [+] icon to adjust the dB/oct.
dB/oct range: 0~24
5.Click [Reset] to enter the EQ Settings.

Fader And Balance Adjustment

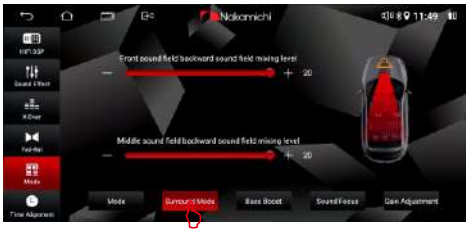
1.Press[⌂]on the panel to enter the homepage.
2. Click[ ]to enter the sound effects interface.
3.Click[Fad-Bal] to enter the Fader and Balance interface.
4. In this interface can select standard, front left, front right, all passengers.
5. Click [Restore] to restore default values.

SOUND EFFECTS

DTS Processing

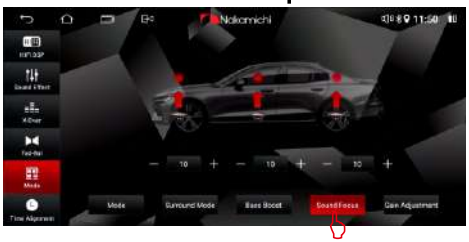
1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the sound effect interface.
3. Click [Mode] to enter the DTS setting interface.
4. Click [Scene Mode] to enter the scene mode selection interface.
5. In this interface, you can select theater mode, dedicated mode, music mode, MONO mode, LCRS mode

Phantom Center Setup



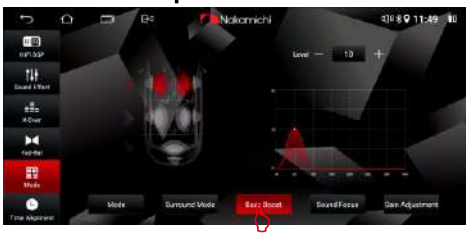
1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the sound effect interface.
3. Click [Mode] to enter the DTS setting interface.
4. Click [Surround Mode] to enter the surround mode selection interface.
5. In this interface, you can set the phantom center on or off.

Circle Surround Setup



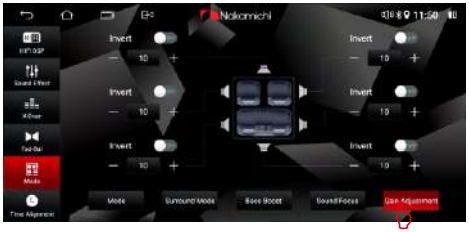
1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the sound effect interface.
3. Click [Mode] to enter the DT setting interface.
4. Click [Sound field focus] to enter the sound field focus selection interface.
5. In this interface, you can adjust the front and rear mixing levels and the mid and rear mixing levels.
Adjustable range: 0~20.

TruBass Setup



1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the sound effect interface.
3. Click [Mode] to enter the DTS setting interface.
4. Click [Bass Boost] to enter the bass boost setting interface.
5. In this interface, you can select the bass enhancement speaker size (40Hz, 60Hz, 10OHz, 150Hz, 20OHz, 250Hz, 300Hz, 400Hz).
Adjustable bass boost level sound: 0~20.

Focus Adjustment



1. Press [⌂] on the panel to enter the home page
2. Click [⚙] to enter the sound effect interface.
3. Click [Mode] to enter the DTS setting interface.
4. Click [Gain adjustment] to enter the gain adjustment interface
5. Click the [-] or [+] icon to adjust the focus size.
Adjustable range: 0~20.

SOUND EFFECTS

Distance Delay Adjustment

1.Press[⌂]on the panel to enter the homepage.
2.Click[⇆]to enter the sound effects interface.
3.Click[Time Alignment] to enter the delay setting interface.
4.Click [Distance delay] to enter the distance delay setup interface.
5.Click the [-]or [+]icon adjustment distance delay size.
Maximum adjustable value: 408cm.
Minimum adjustable value: 0 cm.

Time Delay Adjustment

1.Press[⌂]on the panel to enter the homepage.
2. Click[⇆] to enter the sound effects interface.
3.Click[Time Alignment] to enter the delay setting interface.
4. Click [Time delay] to enter the time delay setup interface.
5. Click the [-] or [+] icon adjustment time delay size.
Adjustable range: 0~12 ms.

Delay Operation Procedure

Note: Firstly, confirm the HiFi DSP channel setting of sound effects, sound mode is original sound, emperor position is standard, professional master and sound field delay are factory default values. Otherwise there will be delays and confusion.

Measure the distance to each speaker:

1. Determine the value of the listening position. If you specify the distance from the center of the currently set listening position to each speaker, the delay time is automatically calculated and set.
2. Determine the center of the currently set listening position as a reference point.
3. Measure the distance from the reference point to the speaker.
4. Calculate the distance difference between the farthest speaker and the other speakers.
5. Set the DTA value of each speaker step by step.
6. Adjust the gain of a single speaker.

ZLINK5

Carplay Connect Interface

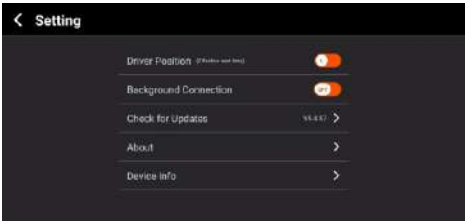
1.Press[⌂]on the panel to enter the homepage.
2.Click[⇆]to enter the Zlink(Carplay) connect interface.
3. Can be directly connected using Bluetooth.

ZLINK5

Android Auto Connect Interface

1.Press[⌂]on the panel to enter the homepage.
2.Click[▲]to enter the Zlink(Android Auto) connect interface.
3. Can be directly connected using Bluetooth.

Setting Interface

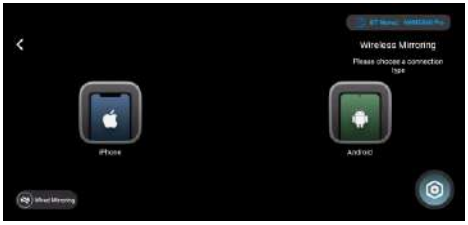


1.Press[⌂]on the panel to enter the homepage.
2.Click[▲]to enter the Zlink(Android Auto) connect interface.
3. Click[⚙] to enter the setting interface

Wired Mirroring Connect Interface

1. Press [⌂] on the panel to enter the home page.
2. Click [📺] to enter the cable connection interface.
3. Can be connected using USB cable.

Wireless Mirroring Connect Interface



1. Press [⌂] on the panel to enter the home page.
2. Click [📺] to enter the cable connection interface.
3. Click [🔗] to switch to the connection interface wired or wireless connection interface.
4. Click on the type of phone you want to connect to and follow the instructions to complete the connection.

Connection Diagram

Iphone wireless connection
Connect Bluetooth → Enter carplay app interface → Automatic connection
Iphone wired connection
Connect the phone and the host with a mobile phone data cable → Enter carplay app interface → Automatic connection
Android phone wireless connection
Connect Bluetooth → Enter Android auto app interface → Automatic connection
Android phone wired connection
Connect the phone and the host with a mobile phone data cable → Enter Android auto app interface → Automatic connection
Iphone wired mirror connection
Connect Bluetooth → Connect the phone and the host with a data cable → Enter Mirroring interface → Automatic mirroring display

Android phone wired mirror connection
You need to download the ZLINK app and install it on your phone → Connect Bluetooth → Connect the phone and the host with a data cable → Enter Mirroring interface → Automatic mirroring display
Iphone wireless mirroring
Turn on the hotspot on the phone → Connect the host to the mobile phone hotspot → Select "Screen mirroring" and then "zj-airplay" in the control center of the phone → Automatic mirroring display
Android phone wireless mirroring
You need to download the ZLINK app and install it on your phone → Connect Bluetooth → Turn on the mobile phone hotspot → Connect the host to the mobile phone hotspot → Click "Start screen projection" in the "zlink" app on the phone

360 PANORAMIC VIEW

1. Press [⌂] on the panel to enter the homepage.
2. Click [] to enter the 360 panoramic view.

The left side of the 360 panoramic display interface is a panoramic bird's-eye view, the right side is the current camera display screen, and the bottom is the shortcut keys and setting switches. Panoramic tuning is automatically started when the host is turned.

2D Mode Interface

3D Mode Interface

Click this icon to switch to 2D or 3D mode.

Front view, Click to display the front view of the vehicle, and click again to correct the projection to display the dead ahead view of the vehicle
Remark: Display 3D effect view in 3D mode.

Rear view, Click to display the rear view of the vehicle, and click again to correct the projection to display the dead astern view of the vehicle.
Remark: Display 3D effect view in 3D mode.

Left view,Click to display the left front view of the vehicle; click again to display the left dead ahead view of the vehicle; click again to display the left rear view of the vehicle.
Remark: Display 3D effect view in 3D mode.

Right view, Click to show the right front view of the vehicle; click again to show the right dead ahead view of the vehicle; click again to show the right rear view of the vehicle.
Remark: Display 3D effect view in 3D mode.

Front view limit wide Angle of view, press the left and right cameras to view the surroundings that near the front and rear tire, Click again to show the front wheel view of the vehicle.
Remark: Display 3D effect view in 3D mode.

Radar view, Click to show the front view of the vehicle, click again to show the rear view of the vehicle, and click again to show the lateral night vision of the vehicle.
Remark: Display 3D effect view in 3D mode.

Triple screen view, Click to show the front view of the vehicle, click again to show the rear view of the vehicle.
Remark: Display 3D effect view in 3D mode.

Click to enter the setting interface.On the setting interface, can set the model, reverse line mode, adjust the view, DVR Settings, view the version information, set the display time and other functions.

Note: Yellow highlighted at the bottom of icon indicates that the View mode is selected currently. Click ([] system Settings) to enter the 360 system settings page, select the option to clear 360 panoramic parameters, and enter the password [1948] to clear 360 settings.

4C LTE NETWORK

1.Install the 4G antenna(refer to the wiring diagram) and fix it in an appropriate position in the car.

Install Mobile SIM Card 1

2. Enable the mobile data function

The following figure shows the SiM card slot 2

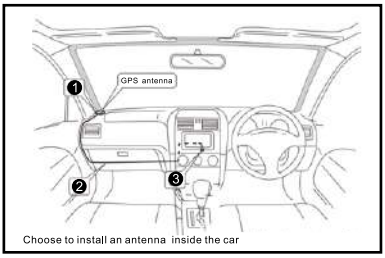
At this point, the system will automatically start to search for 4G signal, and display the 4GLTE signal icon in the upper right corner of the display screen, and you can use the product to browse web pages or related apps.

WALLPAPER SETTING

1.Press [⌂]on the panel to enter the homepage.
2.Click [ ] to enter the wallpaper settings.
3.click on the image below to change the wallpaper.

GPS ANTENNA CABLING INSTALLATION

GPS Antenna Wiring Diagram



Notice

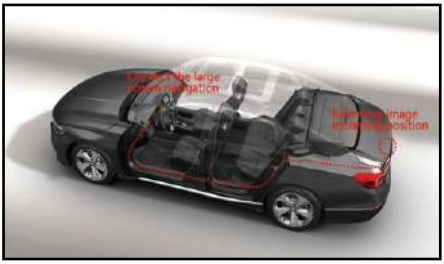
1. The GPS antenna can be installed inside the car, such as on the instrument platform, or outside the car, such as on the roof.
2. The GPS antenna must have an open "view" facing the sky. If the vehicle glass is affixed with explosion-proof film or heat-insulating film, it may greatly reduce the intensity of the satellite signal received by the GPS antenna; in this case, it is recommended to install the GPS antenna outside the vehicle.

GPS antenna installation steps:

1. Before pasting the GPS antenna, be sure to clean the adhesive area with an appropriate oily cleaner. After cleaning, tear off the paper on the back, place the GPS antenna and press it firmly.
2. Remove the side panel and pass the cables through the storage compartment until they reach the main console, making sure that the GP cables are tied securely to the original cables.
3. Connect the GPS antenna plug to the host computer.

CAMERA WIRING INSTALLATION AND SETTING

Camera Wiring Installation Diagram



Rear mirror type setting

1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the setting interface.
3. Click [Reverse and AUX] to enter the reversing mode selection.
4. Click [Reversing type] to select the reversing mode, Normal reverse, Reverse 360, AVM360 selection.
5. Reversing camera format selection: CVBS N, CVBS P, AHD720P25, AHD720P30, AHD1080P25, AHD1080P30, TVI720P25, TVI720P30, TVI1080P25, TVI1080P30.

Installation steps of the reversing image wing:

1. Connect the reversing signal cable plug to the host, remove the left side panel, pass the camera extension cable through the center console driver's seat, then pass the cable through the trunk and remove the waterproof sealant on the side of the vehicle. Glue to the sides of the rear cockpit and fill the trunk with score lines.
2. Remove the lining of the trunk door. The camera device is located above the license plate. Insert the camera cable into the trunk and connect it to the extension cable. It needs to be wrapped with electrical tape when docking.
3. The positive pole of the camera power supply is connected to the positive pole of the reversing light, and the negative pole is connected to the positive pole of the reversing light. Please note that it needs to be wrapped with electrical tape.

SETTING

Wifi Connection

1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the setting interface.
3. Click [Use Wi-Fi] to turn on wifi.
4. When WIFI is turned on, the machine automatically searches for nearby WIFFI connections.
5. Enter the password.

Note: After the connection is successful, the WIFI icon [ᯤ] will be highlighted.

Bluetooth Pairing Connection

When pairing your phone with an Android host for the first time, please follow the steps below:

1. Press [⌂] on the panel to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Bluetooth] and select Bluetooth enable [ON].
4. Open the mobile phone Bluetooth search: Bluetooth device: NAM5960 Pro.
5. After the search is successful, click on the phone and host to confirm that the pairing is successful.

Mobile Network Setting

1.Press[⌂]on the panel to enter the homepage.
2.Click[⚙]to enter the setting interface.
3.Click [network]to enter the open mobile network.

Common setting

1.Press[⌂]on the panel to enter the homepage.
2.Click[⚙]to enter the setting interface.
Common settings: include Navigation app settings Voice setting, USB setting, Hardware setting, Keys and Learn, Fan control

SWC Keys learning

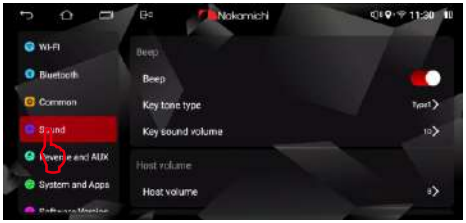
1.Press[⌂]on the panel to enter the homepage.
2.Click[ ]to enter the SWC keys learning interface.
3.Learn each function button as prompted.
4.After learning the steering wheel function keys click save to exit the learning interface.

Fan control interface

1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the setting interface.
3. Click [Fan control] to enter the fan control page.
4. Click [Fan control mode] to select manual mode, CPU temperature mode and volume mode.

SETTING

Audio Setting

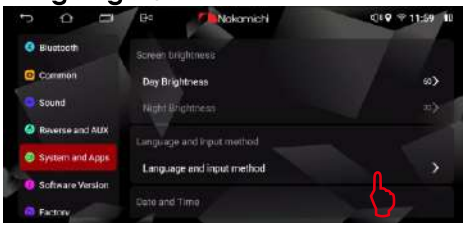


1 .Press[⌂]on the panel to enter the homepage.
2.Click[⚙]to enter the setting interface.
3.Click [Sound]to enter the audio setting.
4.Can set key sound to on or off, adjust media volume, Navigation volume, bluetooth volume, GPS mixing, music dro ratio when reversing.

Display Setting

1.Press[⌂]on the panel to enter the homepage.
2.Click[⚙]to enter the setting interface.
3.Click to [System and apps] to enter the display setting interface.
4.Click[Screen brightness]to adjust screen brightness.
5.Click[Day Brightness] adjusts day brightness.
6.Click[Night Brightness] adjusts night brightness.

Language Selection



1.Press[⌂]on the panel to enter the homepage
2.Click[⚙]to enter the setting interface.
3.Click[System and apps]to select [Language].
4.Select the corresponding language.

Reverse and AUX Setting

1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the setting interface.
3. Click [Reverse and AUX] to enter the reversing mode selection.
4. Click [Reversing type] to select the reversing mode, Normal reverse, Reverse 360, AVM360 selection.
5. Reversing camera format selection: CVBS N, CVBS P, AHD720P25, AHD720P30, AHD1080P25, AHD1080P30, TVI720P25, TVI720P30, TVI1080P25, TVI1080P30.
6. [Right Camera and AUX] and [AR Camera Configuration] camera configuration selection.

System Recovery Interface

1. Press [⌂] on the panel to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [System and Apps] to enter the [System Recovery] page.
4. Click [Restore Defaults] and enter the password "6688" to restore the system defaults.
5. Click [Reset to factory settings] to restore factory settings.

SETTING

Version Interface

1. Press [⌂] on the panel to enter the home page.
2. Click [⚙] to enter the setting interface.
3. Click [Software Version] to enter the version setting interface.
4. In this interface, you can view the version information of the machine.
5. You can view the version upgrade schedule.

Factory Setings Interface

1.Press[⌂]on the panel to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [Factory]and enter the password[1948]to enter the factory setting interface.

CANBUS Selection

1. Press [⌂] on the panel to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Factory] to enter the password to enter the factory setting interface.
4. Click [Change Model] to set the Canbus model: Raise_Toyota_Alphard/vellfire 30.
5. You can set the startup logo, radar track alarm sound, right view settings, reversing panorama related, personalized settings and unit settings in the original car settings.

Radio Area Selection

1 .Press[⌂]on the panel to enter the homepage.
2.Click[⚙]to enter the setting interface.
3.Click to [Factory] select [Radio zone setting], Can select China, Europe, America, Latin America , Russia1,Russia 2,Brazil 1,Brazil 2, Middle East, Japan, Australia, Asia.
4.Select the corresponding radio area.
Remarks: When the radio area is not correct, the radio station cannot be listened to and the reception is reduced.

Clean Interface

1.Press[⌂]on the panel to enter the homepage.
2.Click [▭]to enter the clean interface.
3.Click [✕] to clear memory.

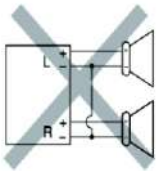
Air conditioning control interface

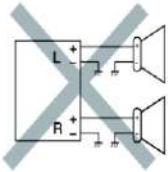
COMMON TROUBLESHOOTING GUIDELINES

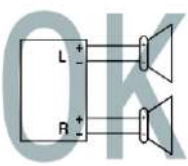
FAULT	REASON	SOLUTION
Unable to boot	Power supply fuse burned out.	Replacement of the same type of fuse.
	Other factors cause microprocessors to work abnormally.	Reboot the unit using the reset button. Press the reset button with a pointed object.
When the ignition is switched off, all setting information is lost.	Replacement of batteries or fuses.	Reset the information and restore if after replacing the fuse or batteries.
The radio is ineffective	Weak radio signal.	Try again in a different location.
No image	Other factors cause microprocessors to work abnormally.	Reboot the unit using the reset button. Press the reset button with a pointed object.
Silent output	Small voice.	Increase the volume.
	Output line incorrectly connected.	Check output line connection.

PRECAUTIONS ON POWER SUPPLY AND SPEAKER CONNECTIONS:

Do not connect the speaker cables of the power cord to the car battery; otherwise, the unit will be seriously damaged.
BEFORE connecting the speaker cables of the power cord to the speakers, check the speaker wiring in your car.







SPECIFICATION

General
Operation Voltage: 14.4V(10.5-16V)
Installation Size: Thickness 35mm
Operating Temperature: -10°C -+60°C
Storage Temperature: -20°C -+70°C
Unit Dimensions (WxHXD):
500x460x110mm
Net Weight:3.15kg
Gross Weight:6.12kg

System
Operating System: NK13.0
DDR +FLASH:
4+64GB | 8+128GB | 8+256GB

Radio
FM Frequency Range: 87.5-108.0MHZ
MW Frequency Range: 522-1620KHZ

Bluetooth
Communication System: BT5.0+EDR
Output: BT Standard Power 9 dBm
Max Communication Range: 15m
Frequency Band:2.4GHz

USB Interface
USB: Readable/ Chargeable
(5+0.25V/1A)

Audio
Max Power: 4X50W
Front Output(V): 4V/10KΩ
Pre-output impedance: ⩽600Ω
Speakers impedance: 4-8Ω

TFT Screen Item
Size: 15.3"
Display Resolution: 1920x1080
Contrast Ratio: 500
Brightness: 500nit

Video
External Video Input System:
NTSC/PAL/SECAM
External Video Input: 1VP-P/75Ω

Video Format
Codec Support:
H264/H265/MP4/AVI/MKV/FLV
Video Capture Support:
2160P 30FPS/1080P 120FPS/720P 240FPS

Audio Format
DSD/MP3/APE/AAC/FLAC

Wi-Fi
Standard:802.11a/b/g/n/AC
Spectral Band: 2.4GHz/5GHz

Note:
Specification and design; functions and features; unit illumination; color and display segment are subject to change without prior notice. Photos and drawings on gift box or operation manual might be varied from the exact unit. Depends on the input devices operation might be varied from the operation manual described.

目錄

警告與注意事項 1CN
產品特點 2CN
導線連接 3CN
配件清單 4CN
前面板 5CN
首頁菜單 6CN
收音機 7CN
藍牙設置 7CN
音樂播放 8CN
视频播放 8CN
聲音效果 9CN
ZLINK5 .....11CN
360全景 13CN
4C LTE 網路 14CN
GPS 天線佈線安裝 15CN
后视摄像头接線安裝與設定 15CN
設置 16CN
常見故障排除指南 19CN
規格..... 20CN

警告與注意事項

為避免嚴重傷害或可能違反法律的風險，請在安裝或連接之前仔細閱讀以下內容。

此符號表示重要禁令。
不注意它們可能會導致嚴重傷害或死亡。

此符號表示重要指示。不注意可能會導致人身傷害或財產損失。

由專家完成接線和安裝。
該裝置的接線和安裝需要特殊的技術技能和經驗。
為了確保安全，請務必聯絡您購買本產品的經銷商來完成工作。

請勿在駕駛時觀看影片或操作本機。

請務必使用指定的配件並安裝牢固。

請勿安裝在可能隱藏車輛操作的位置，例如方向盤、排檔桿或安全氣囊蓋。

更換保險絲時，請務必使用正確的安培額定值。否則可能會導致電氣短路起火。

雷雨天請勿觸摸天線或任何插頭，以免觸電。

安裝時請務必斷開電池負極端子上的電纜。
否則可能會因電氣短路而導致觸電或受傷。

請勿損壞接線。
否則可能會因電氣短路而導致觸電或火災。

請務必連接「停車中斷」線，以便駕駛員在車輛停止之前無法觀看影片。
否則可能會導致交通事故或違規。

請勿安裝在潮濕或多塵的地方。濕氣或灰塵滲入本裝置可能會導致產品故障。

請務必定期檢查天線的安裝情況。
車輛行駛時天線掉落可能會導致事故。

產品特點

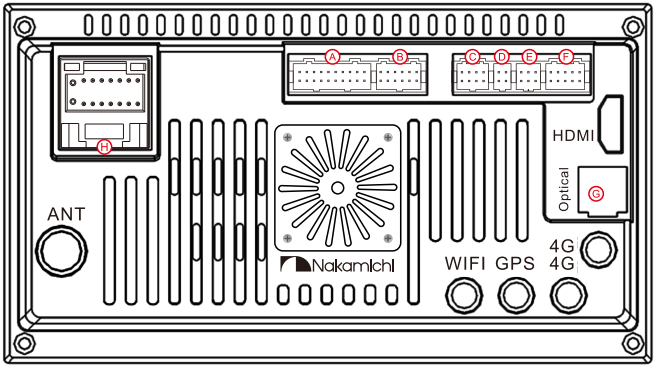
高保真音頻

●5.1音訊預輸出
●DSD音訊播放
●高解析度Auido播放
●無損音樂播放
●中央音訊輸出
●重低音音訊輸出
●數位音訊：光纖輸出
●數位音訊：同軸輸出
●支援時間對齊設定
●大功率ST7850
●最大功率4x50
●專業DSP
●內建48段均衡器
●Q值調整
●20種預設音效
●DTS環繞聲
●支持TruBass
●支援音訊焦點
●支援圓形環繞
●支持幻影中心
●5個預設DTS處理
●支援4CH、4.1CH、5.1CH

配置

●1920x1080 QLED IPS螢幕
●2.5D G+G全玻璃
●高通8核心A73 CPU
●NK13.0作業系統
●4+64GB|8+128GB|8+256GB大內存
●內建360全景
●高靈敏度收音機
●支援4G網絡
●AHD相機輸入
●內建藍牙5.0
●支援HDMI輸出
●支援光纖輸出
●支援USB轉CVBS輸出
●電容螢幕
●500流明液晶屏
●內建GPS全球定位系統
●支援2.4G/5G Wifi
●USB播放
●2160P影片播放
●支援iOS手機Mirrorlink
●支援Android手機鏡像鏈接
●支援藍牙音樂播放

導線連接



介面
A: 輸入/輸出/4G SIM
B:360 全景
C:音訊輸出
D:4P USB1
E:6P USB2
F:攝影機輸入
G:光纖輸出
H:電源

H: 電源

顏色	名稱
黑色	地線
黃色	電池導線
紅色	點火線
橘色	燈控制線
綠色/灰色	倒車控制線
黃色/白色	方向盤控制線1
橙色/白色	方向盤控制線2
藍色	風扇/自動天線
灰色/黑色	右前揚聲器-
灰色	右前揚聲器+
綠色/黑色	左後揚聲器-
綠色	左後揚聲器+
白色/黑色	左前揚聲器-
白色	左前揚聲器+
紫色/黑色	右後揚聲器-
紫色	右後揚聲器+

A:輸入/輸出/4G SIM卡

標籤	顏色	名稱
AR Video in	黃色	前視攝影機輸入
FL Audio out	白色	音訊左前輸出
FR Audio out	紅色	音訊右前輸出
Subwoofer out	綠色	音訊重低音輸出
MIC	黑色	外部MIC介面
AUX Video in	黃色	視訊輸入
AUX IN_R	紅色	音訊右輸入
AUX IN_L	白色	音頻左輸入
SIM	黑色	4G SIM卡
AMP	綠色	功放控制

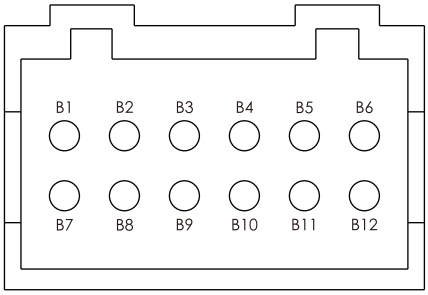
C:音頻輸出

標籤	顏色	名稱
RL Audio out	白色	音頻左後輸出
RR Audio out	紅色	音訊右後輸出
Coaxal out	綠色	同軸輸出
Center out	棕色	音訊中置輸出
CAN-TX	綠色	協定TX
CAN-RX	綠色/黑色	協定RX

F:攝像頭輸入

標籤	顏色	名稱
Back video in	黃色	攝影機訊號輸入
GND	黑色	地線
Back CAM 12V	紅色	網路攝影機供電
BRAKE	粉紅色	手煞車檢測線

B:360全景



針	名稱	針	名稱
B1	左轉檢測	B7	右轉檢測
B2	地綫	B8	前置攝像頭輸入
B3	地綫	B9	右攝像頭輸入
B4	地綫	B10	後置攝像頭輸入
B5	地綫	B11	左攝像頭輸入
B6	電源+5V	B12	電源+5V

配件清單

打開包裝後請檢查以下配件：

電源線 x1	20P輸入/輸出線x1	10P攝像頭輸入線 x1

8P音頻輸出線x1	4P USB線x1	6P USB線x1

4G 天線 x 2 根	GPS天線x1個	Can總線解碼器 x 1pc

使用者手冊x1

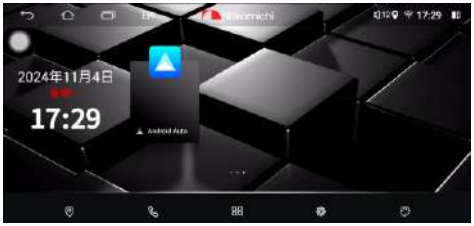
前面板

功能	操作與控制
1.空調旋鈕（左）	旋鈕向左轉動降低左側空調溫度或風速，向右轉動提高左側空調溫度或風速，按下可切換風向；
2.空調旋鈕（右）	旋鈕向左轉動降低右空調溫度或風速，向右轉動提高右空調溫度或風速，按下切換溫度和風速模式；
3. 復位	用尖頭物體（如原子筆）按下可將設備重設為出廠初始設定（預設階段）；
4. A/C	空調空調開關；
5.內外循環	空調內外循環開關；
6. 電源/音量	旋鈕向左轉動縮小音量，向右轉動增大音量，短按靜音，長按暫停畫面；
7. 關閉	空調風速開關；
8. 自動	自動空調；
9. 麥克風	麥克風：語音接收位置。

1. 退出鍵	∨	退出觸控螢幕隱藏按鈕。
2. 返回	⮌	按 返回上一個。
3.首頁	⌂	按 進入主選單。
4. 清除鍵	▭	清除使用過的應用程式介面。
5.電源	⏻	上電狀態下： 按靜音 按住3秒以上可關閉螢幕。
6. 音量	🔊+	短按可增加音量。
7. 音量	🔊-	短按可降低音量。

首頁菜單

按面板上的[⌂]進入主頁，主頁顯示如下：



- 點擊返回
- 點選首頁
- 點擊關閉應用程式
- 藍牙連線訊息
- 語音顯示
- 時間顯示
- 點選GPS
- 點擊藍牙
- 點擊查看所有應用程序
- 點擊設定
- 點擊更換壁紙

首頁圖示更換和移動

NAM5960支援：

1.更改主介面圖示位置

2.支援將二級介面圖示移至首頁

操作如下：

1. 按住需要移動的圖標，
2. 拖曳圖示將其移動到所需位置。

應用介面

收音機

FM 介面

- 調頻頻段
- 中波波段
- AF 功能
- TA 功能
- PTY 列表
- 點擊圖示彈出鍵盤介面，手動輸入即可切換電台。

AM 介面

- 自動搜尋
- 向後搜尋
- 向前增加頻率
- 向前搜尋
- 向後增加頻率
- 播放/暫停

手動搜尋介面

1. 按面板上的[⌂]進入首頁。
2. 點選[📻]進入電台介面。
3. 點選[▦]進入手動搜尋介面。
4. 輸入要搜尋的電台，然後按[確定]。

RDS功能

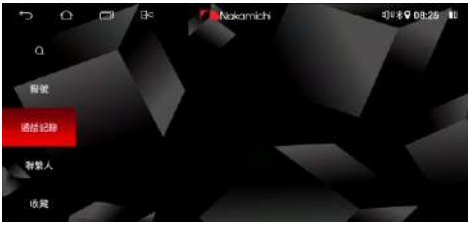
RDS 將允許您顯示交通狀態、廣播電台名稱等資訊。本機可以根據類似的節目自動切換到最強的電台。

藍牙設置

1. 按面板上的[⌂]進入首頁。
2. 點選[📞]進入藍牙通話介面。

藍牙通話

歷史通話記錄

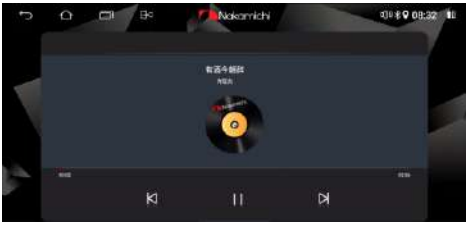


電話簿

收藏夾列表

藍牙設置

藍牙音樂播放



1.按面板上的[⌂]進入首頁

2. 點選[ ]進入藍牙音樂播放。

上一曲目

播放/暫停

下一曲目

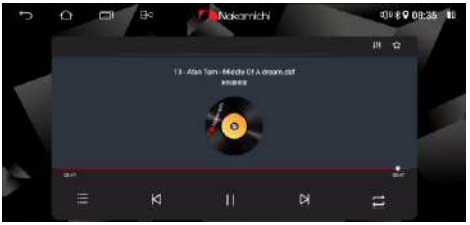
音樂播放

1. 按面板上的[⌂] 進入首頁。

2.點選[ ]進入音樂介面。

音樂播放列表

音樂播放介面



播放USB1清單音樂

播放USB2清單音樂

播放USB3清單音樂

播放收藏夾清單音樂

播放清單

上一曲目

播放/暫停

下一曲目

重複播放

均衡器設定

加入喜欢列表

隨機播放

重複目前播放的歌曲

播放本地列表音樂

视频播放

1.按面板上的[⌂]進入首頁，

2.點選[ ]進入視訊介面。

影片播放列表

影片播放介面

播放USB1列表視頻

播放USB2列表視頻

播放USB3列表視頻

上一個視頻

播放/暫停

下一個視頻

重複播放

隨機播放

重複播放目前視頻

播放本地列表視頻

注意：使用USB播放4K影片時，影片檔碼率超過60Mbps，影片可能會播放不出來。請將視訊檔案儲存在拷貝機本地並正常播放。

聲音效果

HiFi DSP

1.按面板上的[⌂]進入首頁。
2.點選[ ]進入音效介面。
3.點選[HiFi DSP]進入HiFi DSP介面。
4. 選擇揚聲器頻道 (2CH、2.1CH、4CH、4.1CH、5.1CH)

均衡器選擇

1.按面板上的[⌂]進入首頁。
2.點選[ ]進入音效介面。
3.點選[音效]進入EQ選擇介面。
4. 點選對應的[-]或[+]圖標
Q值調整Q值的大小。
Q值範圍:1~10
5.點選[簡單模式]進入EQ設定。

EQ Setting

6.本機配備48段EQ可調(20Hz,25Hz,31Hz,40Hz,50Hz,62Hz,70Hz,80HZ,90HZ,100HZ,110HZ,120Hz,140Hz,160Hz,180Hz,2000Hz,50HzHz ,630Hz,700Hz,800Hz,890Hz,1KHz,1.1KHz,1.25KHz,1.4KHz,1.6KHz,1.8KHz,2KHz,2.2KHz,2.5KHz,2.8KHz,3.2KHz,4KHz,5KHz,6.3KHz,7KHz,8KHz,9KHz,1OKHz,11KHz,12.5KHz, 14KHz、16KHz、18KHz、20KHz)。
各頻率可調範圍:-10~10

分頻調整

1.按面板上的[⌂]進入首頁。
2.點選[ ]進入音效介面。
3. 點選[X-Over]進入X-Over介面。
4.點選「Front HPF」、「Front LPF」、「Rear HPF」、[Rear LPF]、[Center HPF]、[Center LPF]、[Subwoofer LPF]設定每個頻道的值。
5.頻率[-]或[+]圖示調節對應的頻點:20Hz、25Hz、32Hz、40Hz、50Hz、63Hz、80Hz、100Hz、125Hz、160Hz、200Hz、250Hz、350Hz、400Hz、450Hz、500Hz、550Hz,600Hz,650Hz、700Hz、1.4kHz、2.2kHz、2.8kHz、3.5kHz、4.0kHz、5.0kHz、6.3kHz、8.0kHz、10.0kHz、13.0kHz、16.0kHz、20kHz、10.0kHz、13.0kHz、16.0kHz、20.0kHz。
6. 傾斜 [-] 或 [+] 圖示來調整 dB/oct。
dB/oct範圍:0~24
5.點選[重置]進入EQ設定。

聲場和平衡調節

1.按面板上的[⌂]進入首頁。
2. 點選[ ]進入音效介面。
3.點選[音場]進入音場與平衡介面。
4.在此介面可以選擇標準、左前、右前、所有乘客。
5. 點選[恢復]恢復預設值。

聲音效果

場景設定

1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入音效介面。
3. 點選[模式]進入DTS設定介面。
4. 點選[場景模式]，進入場景模式選擇介面。
5.此介面中可以選擇劇院模式、
專用模式、音樂模式、MONO模式、LCRS模式。

幻影中心設置

1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入音效介面。
3. 點選[模式]進入DTS設定介面。
4. 點選[環繞模式]進入環繞模式選擇介面。
5. 在此介面中可以設定幻像中心的開啟或關閉。

音場焦點設置

1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入音效介面。
3. 點選[模式]，進入裝置標識符設定介面。
4. 點選[音場焦點]，進入音場焦點選擇介面。
5.在此介面中可以調整前後混音電平和中後
混音電平。
可調範圍：0~20。

低音增強設置

1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入音效介面。
3. 點選[模式]進入DTS設定介面。
4. 點選[低音增強]進入低音增強設定介面。
5. 在此介面中，您可以選擇低音增強揚聲器大
小（40Hz、60Hz、10OHz、150Hz、20OHz、
250Hz、300Hz、400Hz）。
可調式低音增強等級聲音：0~20。

增益調節

1. 按面板上的[⌂]進入首頁
2. 點選[ ]進入音效介面。
3. 點選[模式]進入DTS設定介面。
4.點選[增益調整]進入增益調整介面
5. 點選[-] 或[+] 圖示調整焦點大小。
可調範圍：0~20。

聲音效果

距離延遲調整

1.按面板上的[⌂]進入首頁。

2.點選[ ]進入音效介面。

3.點選[時間對齊]進入延遲設定介面。

4.點選[距離延時]進入距離延時設定介面。

5.點選[-]或[+]圖示調整距離延遲大小。

最大可調值:408cm。

最小可調值:0 cm。

時間延遲調整

1.按面板上的[⌂]進入首頁。

2. 點選[ ]進入音效介面。

3.點選[時間對齊]進入延遲設定介面。

4. 點選[時間延時],進入延時設定介面。

5. 點選[-]或[+]圖示調整時間延遲大小。

可調範圍:0~12 ms。

延時操作流程

註:首先確認音效的HiFi DSP通道設置,聲音模式為原聲,皇帝位為標準,專業母帶和聲場延遲為出廠默認價值觀。否則就會出現延誤和混亂。

測量到每個揚聲器的距離:

1. 確定聽音位置的值。如果指定從目前設定的聆聽位置的中心到每個揚聲器的距離,則會自動計算並設定延遲時間。

2. 將目前設定的聆聽位置的中心確定為參考點。

3. 測量參考點到揚聲器的距離。

4. 計算最遠說話者與其他說話者之間的距離差。

5. 逐步設定每個揚聲器的DTA 值。 6. 調節單一揚聲器的增益。

ZLINK5

Carplay連接介面

1.按面板上的[⌂]進入首頁。

2.點選[ ]進入Zlink(Carplay)連接介面。

3.可直接使用藍牙連線。

ZLINK5

Android Auto 連接介面

1.按面板上的[⌂]進入首頁。
2.點選[ ]進入Zlink(Android Auto)連線介面。
3.可直接使用藍牙連線。

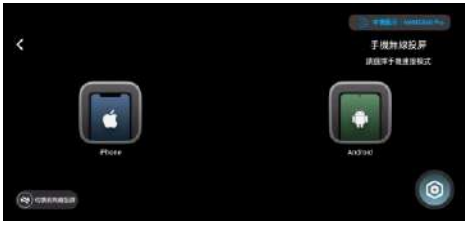
設定介面

1.按面板上的[⌂]進入首頁。
2.點選[ ]進入Zlink(Android Auto)連線介面。
3. 點選[ ]進入設定介面。

有線鏡像連接介面

1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入線纜連接介面。
3. 可以使用USB線連接。

無線鏡像連接介面



1. 按面板上的[⌂]進入首頁。
2. 點選[ ]進入線纜連接介面。
3. 點選[ ]切換到有線連接介面或無線連接介面。
4. 按一下您要連線的手機類型，然後依照指示完成連線。

連接圖

iPhone無線連接
連接藍牙→進入carplay app介面→自動連接
iPhone有線連接
用手機線連接手機與主機→進入carplay app介面→自動連接
安卓手機無線連接
連接藍牙→進入Android auto app介面→自動連接
安卓手機有線連接
用手機線連接手機與主機→進入Android auto app介面→自動連接
iPhone有線鏡子連接
連接藍牙→以數據線連接手機與主機→進入鏡像介面→自動鏡像顯示
安卓手機有線鏡像連接

需下載ZLINK APP並安裝到手機上 → 連接藍牙 → 用數據線連接手機和主機 → 進入鏡像介面 → 自動鏡像顯示
iPhone無線鏡像
開啟手機熱點 → 將主機連接到手機熱點 → 在手機控制中心選擇“螢幕鏡像”，然後選擇“zj-airplay” → 自動鏡像顯示
安卓手機無線鏡像
需下載ZLINK APP並安裝到手機上→連接藍牙→開啟手機熱點→將主機連接到手機熱點→點擊手機“zlink”APP中的“開始投影”

360全景

1. 按面板上的[⌂]進入首頁。

2. 點選[ ]進入360全景。

360全景顯示介面左側為全景鳥瞰圖，右側為目前攝影機顯示畫面，下方為快速鍵和設定開關。主機轉動時自動啟動全景調諧。

2D 模式介面

3D模式介面

按一下此圖示切換至 2D 或 3D 模式。

前視圖，點選可顯示車輛的前視圖，再次點選可校正投影以顯示車輛的正前方視圖。
備註：3D模式下顯示3D效果視圖。

後視圖，按一下可顯示車輛的後視圖，再次按一下可校正投影以顯示車輛的正後方視圖。
備註：3D模式下顯示3D效果視圖。

左視圖，點選顯示車輛左前視圖；再次點選可顯示車輛左側正前方視圖；再次點選可顯示車輛的左後視圖。
備註：3D模式下顯示3D效果視圖。

右視圖，點選顯示車輛右前視圖；再次點選可顯示車輛的右正前方視圖；再次點選可顯示車輛的右後視圖。
備註：3D模式下顯示3D效果視圖。

前視圖限制廣角，按下左右攝影機可查看前後輪胎附近的周圍情況，再次點擊可顯示車輛前輪視圖。
備註：3D模式下顯示3D效果視圖。

雷達視圖，點選顯示車輛前視圖，再次點選顯示車輛後視圖，再次點選顯示車輛側向夜視。
備註：3D模式下顯示3D效果視圖。

三螢幕視圖，點選顯示車輛前視圖，再次點選顯示車輛後視圖。
備註：3D模式下顯示3D效果視圖。

點擊進入設定介面。在設定介面上，可以設定型號、倒行模式、調整視圖、DVR設定、查看版本資訊、設定顯示時間等功能。點擊進入設定介面。在設定介面上，可以設定型號、倒行模式、調整視圖、DVR設定、查看版本資訊、設定顯示時間等功能。

注意：圖示底部突出顯示的黃色表示目前選擇了“檢視”模式。

點選（[ ]系統設定）進入360系統設定頁面，選擇清除360全景參數選項，輸入密碼[1948]即可清除360設定。

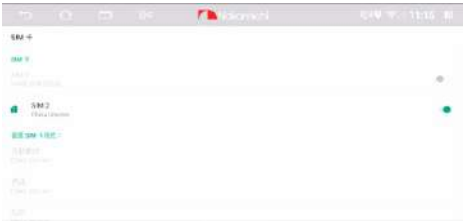
4C LTE 網路

1.安裝4G天線（參考接線圖）並將其固定在車內適當位置。

安裝手機SIM卡1

2.開啟移動數據功能

下圖為SIM卡槽2



此時，系統將自動開始搜尋4G訊號，並在顯示器右上角顯示4GLTE訊號圖標，您可以使用產品瀏覽網頁或相關應用程式。

壁紙設定

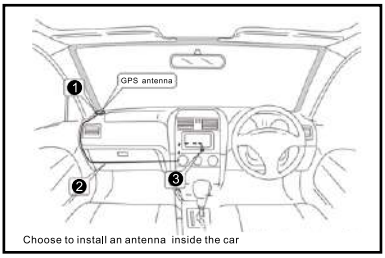
1.按面板上的[⌂]進入首頁。

2.點選[]進入壁紙設定。

3.點擊下圖進行更改壁紙。

GPS 天線佈線安裝

GPS 天線接線圖



注意

1.GPS天線可以安裝在車內，如儀表台上，也可以安裝在車外，如車頂。

2. GPS天線必須具有面向天空的開放[視野]。如果車輛玻璃貼有防爆膜或隔熱膜，可能會大幅降低GPS天線接收到的衛星訊號的強度；在這種情況下，建議將GPS天線安裝在車外。

GPS天線安裝步驟：

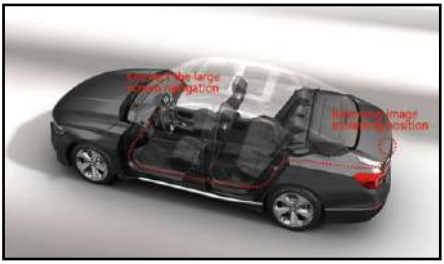
1. 在黏貼GPS天線前，請務必使用適當的油性清潔劑清潔黏合區域。清潔完畢後，撕掉背面的紙，放置GPS天線並壓緊。

2. 拆下側面板，將電纜穿過儲藏室直至到達主控制台，確保 GP 電纜與原電纜牢固連接。

3. 將GPS 天線插頭連接至電腦主機。

后视摄像头接線安裝與設定

攝影機接線安裝圖



後視鏡類型設定

1. 按面板上的[⌂]進入首頁。

2. 點選[⚙]進入設定介面。

3. 點選[倒車與AUX]進入倒車模式選擇。

4.點選[倒車類型]選擇倒車模式，普通倒車、倒車360、AVM360選擇。

5.倒車攝影機格式選擇：CVBS N、CVBS P、AHD720P25、AHD720P30、AHD1080P25、AHD1080P30、TVI720P25、TVI720P30、TVI1080P25、TVI1080P30。

倒車影像翼安裝步驟：

1.將倒車號誌線插頭連接到主機上，拆下左側面板，將攝影機延長線穿過中控台駕駛座，然後將線穿過後行李箱，去除車輛側面的防水密封膠。黏到後駕駛艙的兩側，並用刻痕線填充行李箱。

2. 拆下行李箱門的內襯。攝影機裝置位於車牌上方。將攝影機電纜插入後行李箱並連接至延長電纜。對接時需用電工膠帶包裹。

3.攝影機電源正極接倒車燈正極，負極接倒車燈正極。請注意，需要用電工膠帶包裹。

設置

無線連接

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[使用Wi-Fi]開啟wifi。
4. 當WiFi開啟時，機器自動搜尋附近的WIFFI連線。
5. 輸入密碼。

註：連接成功後，WIFI

圖示 [ᯤ] 將會反白顯示。

藍牙配對連接

首次與Android主機配對時，請依照以下步驟操作：

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[藍牙]並選擇藍牙啟用[開]。
4. 開啟手機藍牙搜尋：藍牙裝置：NAM5960 Pro。
5. 搜尋成功後，點選手機和主機確認配對成功。

移動網絡設置

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[網路]進入開放的行動網路。

通用設置

1. 按面板上的[⌂]进入主页。
2. 点击[⚙]按钮，进入设置界面。常用设置：包括导航应用程序设置语音设置、USB设置、硬件设置、按键和学习、风扇控制

方向盤學習

1. 按面板上的[⌂]進入首頁。
2. 點選[🛞]進入SWC按鍵學習介面。
3. 根據提示學習各個功能按鈕。
4. 學習完方向盤功能鍵後點選儲存退出學習介面。

風扇控制設置

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[風扇控制]進入風扇控制頁面。
4. 點選[風扇控制模式]可選擇手動模式、CPU溫度模式、音量模式。

設置

音訊設定

1.按面板上的[⌂]進入首頁。

2.點選[⚙]進入設定介面。

3.點選[聲音]進入音訊設定。

4.可設定按鍵音開或關，調整媒體音量、導航音量、藍牙音量、GPS混音、倒車時音樂降速比例。

顯示設定

1.按面板上的[⌂]進入首頁。

2.點選[⚙]進入設定介面。

3.點選[系統和應用程式]進入顯示設定介面。

4.點選[螢幕亮度]調整螢幕亮度。

5.點選[日間亮度]調整日間亮度。

6.點選[夜間亮度]調整夜間亮度。

語言設置

1.按面板上的[⌂]進入首頁

2.點選[⚙]進入設定介面。

3.點選[系統和應用程式]選擇[語言]。

4.選擇對應的語言。

倒車和AUX設置

1. 按面板上的[⌂]進入首頁。

2. 點選[⚙]進入設定介面。

3. 點選[倒車與AUX]進入倒車模式選擇。

4.點選[倒車類型]選擇倒車模式，普通倒車、倒車360、AVM360選擇。

5.倒車攝影機格式選擇：CVBS N、CVBS P、AHD720P25、AHD720P30、AHD1080P25、AHD1080P30、TVI720P25、TVI720P30、TVI1080P25、TVI1080P30。

6.[右攝影機和AUX]和[AR攝影機配置]攝影機配置選擇。

系統恢復介面

1. 按面板上的[⌂]進入首頁。

2. 點選[⚙]進入設定介面。

3. 點選[系統和應用程式]進入[系統恢復]頁面。

4. 點選[恢復預設值]，輸入密碼“6688”，恢復系統預設值。

5. 點選［恢復出廠設定］即可恢復出廠設定。

設置

版本介面

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[軟體版本]進入版本設定介面。
4、在此介面中可以查看機器的版本資訊。
5.可以查看版本升級時間表。

出廠設定介面

1.按面板上的[⌂]進入首頁。
2.點選[⚙]進入設定介面。
3.點選[出廠]，輸入密碼[1948]進入出廠設定介面。

CAN總線選型

1. 按面板上的[⌂]進入首頁。
2. 點選[⚙]進入設定介面。
3. 點選[出廠]輸入密碼進入出廠設定介面。
4. 點選[更改型號]設定Canbus型號：
睿志誠_豐田_Alphard/vellfire 30。
5.可在原車設定中設定啟動標誌、雷達軌跡警報聲音、右視野設定、倒車全景相關、個人化設定和單位設定。

收音機區域選擇

1.按面板上的[⌂]進入首頁。
2.點選[⚙]進入設定介面。
3.點選[工廠]選擇[無線電區域設定]，可以選擇中國、歐洲、美洲、拉丁美洲、俄羅斯1、俄羅斯2、巴西1、巴西2、中東、日本、澳洲、亞洲。
4.選擇對應的廣播區域。

清潔介面

1.按面板上的[⌂]進入首頁。
2.點選[▭]進入清理介面。
3.點選[×] 清除記憶體。

空調控制介面

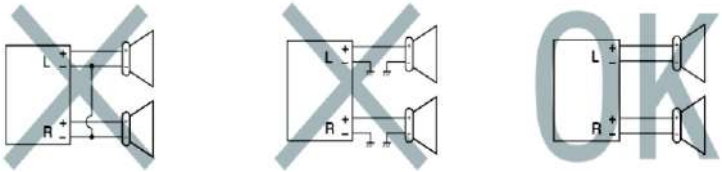
常見故障排除指南

問題	原因	正確操作
無法啟動	電源保險絲燒斷。	更換同型號保險絲。
	其他因素導致微處理器工作異常。	使用重置按鈕重新啟動設備。 用尖頭物體按下重置按鈕。
當點火開關關閉時，所有設定資訊都會遺失。	更換電池或保險絲。	更換保險絲或電池後，重置資訊並恢復。
收音機無效	無線電訊號微弱。	在不同的位置重試。
無影像	其他因素導致微處理器工作異常。	使用重置按鈕重新啟動設備。 用尖頭物體按下重置按鈕。
無聲輸出	聲音很小。	增大音量。
	輸出線連接不正確。	檢查輸出線連接。

電源和揚聲器連接注意事項：

請勿將電源線的揚聲器線連接到汽車電池上；否則，設備將受到嚴重損壞。

在將電源線的揚聲器電纜連接到揚聲器之前，請檢查汽車中的揚聲器接線。



規格

常規
工作電壓:14.4V(10.5-16V)
安裝尺寸:厚度35mm
工作溫度:-10°C -+60°C
儲存溫度:-20°C-+70°C
單位尺寸(寬x高x深):
500x460x110毫米
淨重:3.15kg
毛重:6.12kg

系統
作業系統:NK13.0
DDR+FLASH:
4+64GB|8+128GB|8+256GB

收音機
調頻頻率範圍:87.5-108.0MHZ
微波頻率範圍:522-1620KHZ

藍牙
通訊系統:BT5.0+EDR
輸出:BT標準功率9 dBm
最大通訊範圍:15m
頻段:2.4GHz

USB介面
USB:可讀/可充電
(5+0.25V/1A)

音頻
最大功率:4X50W
前置輸出(V):4V/10KΩ
預輸出阻抗:≤600Ω
揚聲器阻抗:4-8Ω

TFT螢幕
尺寸:15.3英寸
顯示解析度:1920x1080
對比:500
亮度:500nit

影片
外部視訊輸入系統:
NTSC/PAL/SECAM
外部視訊輸入:1VP-P/75Ω

影片格式
編解碼器支援:
H264/H265/MP4/AVI/MKV/FLV
影片捕捉支援:
2160P 30FPS/1080P 120FPS/720P 240FPS

音訊格式
DSD/MP3/APE/AAC/FLAC

無線網絡
標準:802.11a/b/g/n/AC
頻段:2.4GHz/5GHz

附註:
規格和設計;功能和特點;單位照明;顏色和顯示部分如有更改,恕不另行通知。禮品盒或操作手冊上的照片和圖紙可能與特定設備有所不同。取決於輸入設備的操作可能是與操作手冊所描述的不同。

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