Nakamichi

NAM5420

User Manual

9"/10" ANDROID RECEIVER

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CONTENTS

Warning & PRECAUTION ..... 1 EN
Product Features ..... 2 EN
Wiring Connection ..... 3 EN
Accessory List ..... 4 EN
Front Panel ..... 4 EN
Home Page Operation ..... 5 EN
Home Interface ..... 5 EN
Application Interface ..... 5 EN
Radio ..... 6 EN
FM Interface ..... 6 EN
AM Interface ..... 6 EN
Radio Setting Interface ..... 6 EN
Manual Input Keyboard Interface ..... 6 EN
Bluetooth ..... 7 EN
Setting Interface ..... 7 EN
Search Equipment Interface ..... 7 EN
Connected Interface ..... 7 EN
Dialing Interface ..... 7 EN
Phone Book ..... 7 EN
History Call Record ..... 7 EN
Bluetooth Music ..... 8 EN
Video Playback ..... 8 EN
Music Playback ..... 8 EN
Navigation ..... 9 EN
Navigation Interface ..... 9 EN
Panel Light Color ..... 9 EN
Panel Light Color Interface ..... 9 EN
Mirror Settings ..... 9 EN
Mirror Settings Interface ..... 9 EN
DSP Settings ..... 10 EN
DSP Audio Interface ..... 10 EN
DSP Output Volume Interface ..... 10 EN
DSP Output Frequency Division Interface ..... 10 EN
DSP Settings ..... 11 EN
DSP Listening Bit "Automatic" Interface ..... 11 EN
DSP Listening Bit "Manual" Interface ..... 11 EN
Delay Operation Procedure ..... 11 EN
DSP Settings ..... 12 EN
5.1 Network ..... 12 EN
2-Way Network ..... 12 EN
3-Way Network ..... 12 EN
Mobile Link ..... 13 EN
Mobile Phone Connection Interface ..... 13 EN
Connection Setting Interface ..... 13 EN
Help Interface ..... 13 EN
Connection Diagram ..... 13 EN
Setting ..... 14 EN
Setting Interface ..... 14 EN
WiFi Connection ..... 14 EN
Hotspot & tethering Settings ..... 14 EN
Display Settings ..... 14 EN
Sound Settings ..... 14 EN
Setting ..... 15 EN
Tuner Region Settings ..... 15 EN
EasyConnection Settings ..... 15 EN
BackCar Set ..... 15 EN
Navigation Settings ..... 16 EN
Steering Wheel Learning ..... 15 EN
Setting ..... 15 EN
Whitelist Setting ..... 16 EN
Reset Setting ..... 16 EN
Languages Settings ..... 16 EN
Date & time Settings ..... 16 EN
About System ..... 16 EN
Camera Wiring Installation And Setting ..... 17 EN
Camera Wiring Installation Diagram ..... 17 EN
GPS Antenna Cabling Installation ..... 17 EN
GPS Antenna Wiring Diagram ..... 17 EN
Troubleshooting ..... 18 EN
Specification ..... 19 EN

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.

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

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

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

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

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.

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

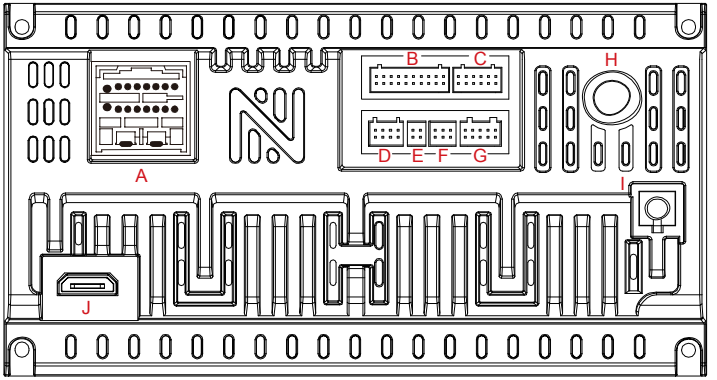
Do not install in locations with in high moisture or dusty. Moisture or dusty that penetrate into this unit may result in product failure.

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

PRODUCT FEATURES

- NK 10.0 operating system
- Cpu 8-Core A53 Architecture
- 9"/10.1" IPS Screen
- 1024 x 600 resolution
- 500 lumens LCD display
- Support multicolor key backlight
- 2.5D G+G Capacitive screen
- 2G or 4G large memory
- 32G or 64G storage space
- Support ios Phone link
- Support Android Phone link
- Built-in bluetooth,support A2DP
- Support bluetooth music playback
- Support USB playback
- Support 1080P video playback
- Support Picture-in-Picture playback
- Support double screen differential display
- Support external microphone interface
- Support AHD camera reversing
- Built-in GPS,Use FARKRA connector
- High sensitivity radio, support FM AM RDS
- Support USB DVR
- HDMI ouput
- 2 channel audio input
- 1 video input,1 video output
- Built-in professional DSP
- Support HPF, LPF
- Support time delay setting
- Support filter slope setup
- Support Phase adjustment
- Support Q Value adjustment
- Support frequency customization
- Support 5.1, 2-way, 3-way network
- Support gain adjustment for every channel
- Support gain adjustment for every frequency
- Preset 6 sound effects, support 3 groups of scenes
- Support subwoofer volume control
- Pre-output: 8 channel x 4V
- Maximum power: 4 x 50W

WIRING CONNECTION



A: Power Supply

B: Extend

C: NA

D: NA

E: 4P USB

F: 6P USB

G: Camera Input

H: Radio ANT

I: GPS

J: HDMI

A:Power					
Lobel	**Color**	**Name**	**Lobel**	**Color**	**Name**
GND	Black	Groud Wire	FR-	Grey/Black	Front Right Speaker-
B+	Yellow	Battery Wire	FR+	Grey	Front Right Speaker+
ACC	Red	Lgnittion Wire	RL-	Green/Black	Rear Left Speaker-
ILL	Orange	Lamp Control Wire	RL+	Green	Rear Left Speaker+
BACK	Purple/White	Reverse Wire	FL-	White/Black	Front Left Speaker-
KEY1	Brown	Steering Wheel Contrl Wire1	FL+	White	Front Left Speaker+
KEY2	Brown/Black	Steering Wheel Contrl Wire2	RR-	Purple/Black	Rear Right Speaker-
P.ANT	Blue	Automatic Antenna	RR+	Purple	Rear Right Speaker+

G: Camera Input		
Lobel	**Color**	**Name**
Camera Input	Yellow	Reverse Camera Input
Brake	Light Green	Brake Control
DVR Camera Power Supply +12V	Red	DVR Camera Power Supply +12V
DVR Camera Power Supply GND	Black	DVR Camera Power Supply GND
WIFI-ANT	Blue	WiFi Signal Antenna
BT-ANT	Blue	BT Signal Antenna

B:Extend					
Lobel	**Color**	**Name**	**Lobel**	**Color**	**Name**
VIDEO IN	Yellow	Video Input	CVBS OUT	Yellow	Video Output
AUDIO IN-L	White	Audio Input Left	MIC	Black	Microphone Interface
AUDIO IN-R	Red	Audio Input Right	Amp.Control	Blue/White	Power Amplifier Control Wire
OUTPUT 5.1: FL 2-Way: FL HIGH 3-Way: FL HIGH	White	5.1 Channel: Front Left Audio Output 2 Frequency: Front Left High Audio Output 3 Frequency: Front Left High Audio Output	OUTPUT 5.1: CENTER-L 3-Way: FL LOW	White	5.1 Channel: Center Left Audio Output 3 Frequency: Front Left Low Audio Output
OUTPUT 5.1: FR 2-Way: FR HIGH 3-Way: FR HIGH	Red	5.1 Channel: Front Right Audio Output 2 Frequency: Front Right High Audio Output 3 Frequency: Front Right High Audio Output	OUTPUT 5.1: CENTER-R 3-Way: FR LOW	Red	5.1 Channel: Center Right Audio Output 3 Frequency: front Right Low Audio Output
OUTPUT 5.1: RL 2-Way: FL MID lOW 3-Way: FL MID	White	5.1 Channel: Rear Left Audio Output 2 Frequency: Front Left Mid Low Audio Output 3 Frequency: Front Left Middle Audio Output	OUTPUT 5.1: SUB_SW-L 2-Way: SUB_SW-L 3-Way: SUB_SW-L	Brown	5.1 Channel: Left Subwoofer Audio Output 2 Frequency: Left Subwoofer Audio Output 3 Frequency: Left Subwoofer Audio Output
OUTPUT 5.1: RR 2-Way: FR MID LOW 3-Way: FR MID	Red	5.1 Channel: Rear Right Audio Output 2 Frequency: Front Right Medium Low Audio Output 3 Frequency: Front Right Middle Audio Output	OUTPUT 5.1: SUB_SW-R 2-Way: SUB_SW-R 3-Way: SUB_SW-R	Brown	5.1 Channel: Right Subwoofer Audio Output 2 Frequency: Right Subwoofer Audio Output 3 Frequency: Right Subwoofer Audio Output

ACCESSORY LIST

Check and identify the contents of your package:

1. 16P ISO Cable x 1pc
2. GPS Antenna x 1pc
3. 20P InPut / OutPut Cable x 1pc
4. 4P USB Cable x 1pc
5. 6P USB Cable x 1pc
6. 10P Camera Input Cable x 1pc
7. User Manual x 1pc
8. Install Screw x 5 pc

FRONT PANEL

Function	Operations & Controls
1. MIC	Microphone: Voice receiving position
2. RST	Reset button: use a tool (such as a toothpick) to trigger the hidden buttons through the small hole, and the navigation can be restored to factory settings.
3. Power ⏻	In the power-on state: Press to Mute Press and hold for more than 1 seconds to turn off the screen.
4. Home ⌂	Press to enter main menu.
5. Return ⮌	Press to back to previous.
6. Volume 🔊+	Short press to increase volume.
7. Volume 🔊−	Short press to decrease volume.

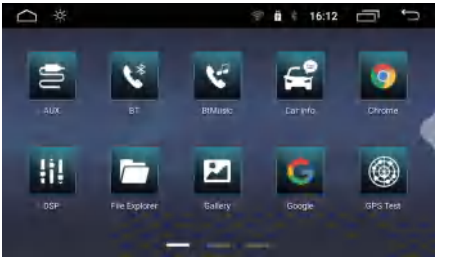
HOME PAGE OPERATION

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

Click the [■] icon to enter the APP application interface.

Home Interface

Application Interface



Click this icon to enter the application interface; The factory app interface is divided into three pages, you can swipe left to browse all the apps.

Click this icon to enter the radio interface.

Click this icon to enter the music interface.

Click this icon to enter the navigation interface.

Click this icon to enter the Bluetooth interface.

Click this icon button to enter the home interface.

Show day or night mode.

WIFI on/off display.

Memory card inserted display.

Bluetooth on/off display.

12:36 Time display.

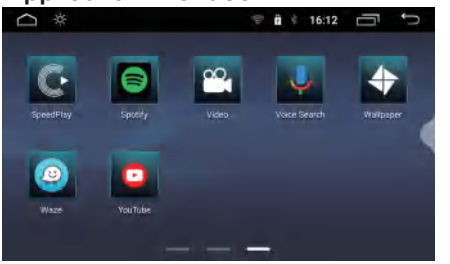
Click this icon to enter the background program interface, you can view the recently opened and running programs in the background.

Click this icon to return to the previous page.

Click this the icon pops up a hidden APP window with options to run Chrome, Maps, YouTube, Google,Music, Bluetooth Music, and more.

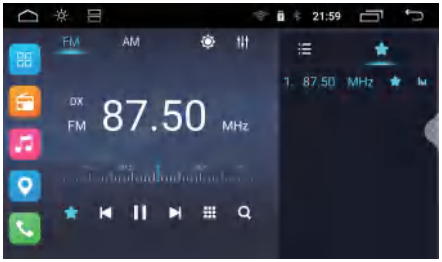
Application Interface

Application Interface



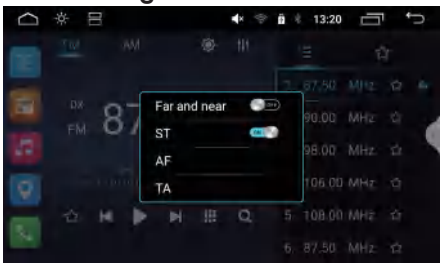
RADIO

FM Interface



AM Interface

Radio Setting Interface



Manual Input Keyboard Interface

Function ICONS are as follows:

Click the icon to enter FM band.

Click the icon to enter AM band.

Click the icon to pop up the radio setting window, you can set the far and short range, ST, AF, TA switch.

Click the icon to enter the DSP audio interface.

Click the icon to enter the list of radio stations.

List of favorite radio stations.

Touch the icon to join or cancel your favorite radio station.

Short press to switch to a previous station, long press to search for a previous station.

Pause/play button.

Short press to switch to the next station, long press to search for the next station.

Click the icon to pop up the keyboard interface, manual input to switch radio.

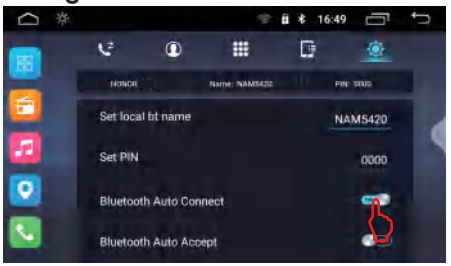
Short press to search for radio stations automatically, then browse radio stations , long press to browse radio stations automatically.

RDS Function

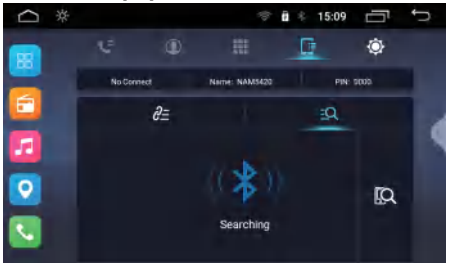
RDS will allow you to display information such as traffic status, radio station name and more. The unit can automatically switch to the strongest station based on the similar program.

BLUETOOTH

Setting Interface



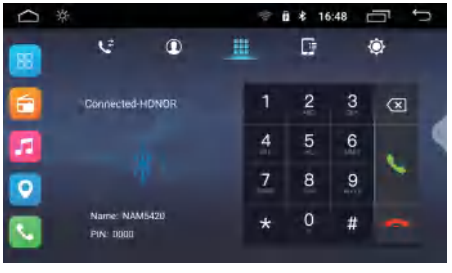
Search Equipment Interface



The machine is connected to the mobile phone:

1. Click this icon in the connection interface to enter the search list.
2. Click this icon to search for connected devices.
3. Click this icon to match the device to be connected.
4. The phone will pop up a request box for Bluetooth pairing, Enter the password 0000 or 1234 and then click to confirm the connection.

Dialing Interface



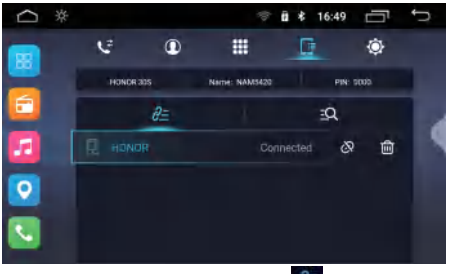
Function ICONS are as follows:

- History call record.
- Phone book.
- Dial keyboard interface.
- Bluetooth connection.
- Bluetooth Settings.
- Backspace.
- Dial key.
- Hang up.

The first time pair mobile phone with AV receiver, please follow below steps:

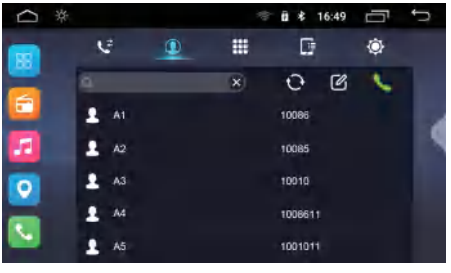
1. Click [ ] to enter the Bluetooth setting interface.
2. Turn on the phone's Bluetooth to search: Bluetooth device: NAM5420.
3. Click to [Bluetooth Auto Connect] select enable [ON].
4. In the Bluetooth Settings, you can change the name, password, automatic connection switch and automatic call switch.

Connected Interface

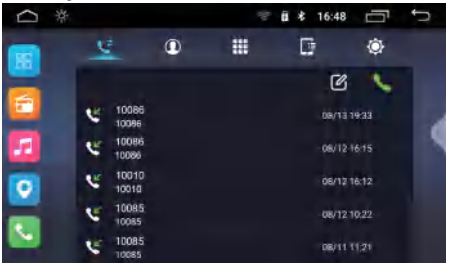


5. If the device is connected, the connected device will be displayed in the list of connected devices.
6. Click the icon to disconnect the device.
7. If you need to delete the connected device, click the icon .

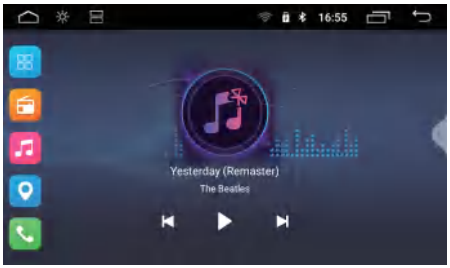
Phone Book



History Call Record



BLUETOOTH MUSIC

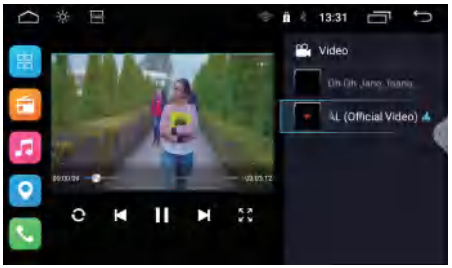


1. Press [⌂] on the panel to enter the homepage.
2. Click [▦] to enter the Application Software interface.
3. Click [☎] to enter the Bluetooth Music interface.

When bluetooth is connected to the phone, music from the phone can be played through the machine.

VIDEO PLAYBACK

Click to [◉] to enter the video interface.



Function ICONS are as follows:

- ⏮ Previous track.
- ▶ Play/Pause.
- ⏭ Next track.
- ↻ Click the icon to switch between repeating the current song,playing all songs,playing randomly.
- ⛶ Full-screen playback function icon.
- ▭ Touch the icon to narrow show play function.
- ⧉ Touch the icon to enter the picture-in-picture playing function.

Shortcut key for the video interface:

To adjust the brightness by swiping up or down on the touch area on the left side; To adjust the volume by swiping up or down on the touch area on the right side; Swipe left or right horizontally to adjust fast forward or backward.

MUSIC PLAYBACK

1. Click to [♫] to enter the music interface.
2. Function ICONS are as follows:

↻ Click the icon to switch between repeating the current song, playing all songs, and playing randomly.

- ⏮ Previous track.
- ▶ Play/Pause.
- ⏭ Next track.
- ⚙ EQ Setup.
- ♫ Show song list by name.
- 👤 Show song list by artist.
- ◉ Show song album list.
- 🗀 Show song list by folder.

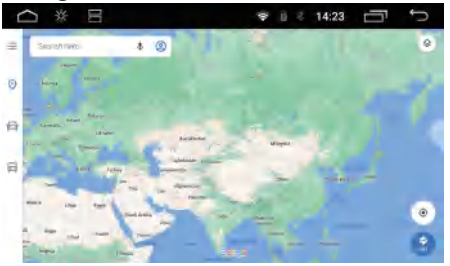
NAVIGATION

1. Click to [ ] to enter the Navigation interface.

2. Navigational map data: Navigation map data can be copied to local internal storage, and some navigation applications support placing data on external USB drives. Deletingand copying can be done using a file managementapplication.

3. Navigation application: To install the navigation application APK privately, please install the application APK correctly first, and the application interface will generate the corresponding APK icon; The default navigation setting is "Settings → Car and Machine Settings →Navigation Settings → Navigation Program Selection". Users can start navigation by clicking the icon on the main interface.

Navigation Interface



PANEL LIGHT COLOR

1. Click to [ ] to enter the APP interface.

2. Click to [ ] to enter the Panel light color interface.

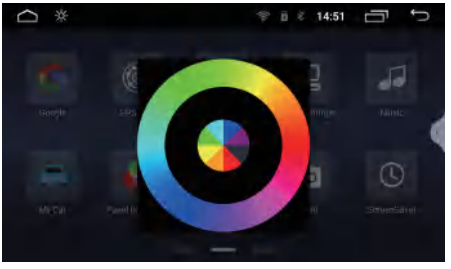
Color type of panel light:

Touch the center area to show this icon is a multi-color display.

Multi-colored light pop-up window, touch the color bar to select the light color, the selected color will be displayed in the black center area.

Use: Turn on the headlights when driving at night, the car navigation panel light will follow headlight control will be lit up display.

Panel Light Color Interface



MIRROR SETTINGS

1. Click to [ ] to enter the APP interface.

2. Click to [ ] to enter the Mirror Settings interface.

3. Projection mode is transmitted through the HDMI interface to output the sound and picture to the sub-screen.

4. It supports the function of different display on the same screen. Please set the relevant Settings in the Screen Setup APP.

5.When the car plays the video, Click this icon to place the main screen application on the secondary screen,Click the icon again Drag the secondary screen application back to the main screen.

Mirror Settings Interface

DSP SETTINGS

DSP Audio Interface

1. Press [⌂] on the panel to enter the homepage.
2. Click [⫶] to enter the DSP setting interface.

Frequency control point: 14 segment EQ, can be adjusted according to their preferred frequency.

Each period of equalizer of center frequency points can be arbitrary set before 20-20 KHZ.

Each section of the equalizer Q value can be adjustable before 0.4-12.

Audio mode: Custom, Standard, Pop, Rock, Classical, Jazz.

U1,U2,U3 function: Custom EQ type, long press U1, U2, U3 button can save to the current setting.

DSP Output Volume Interface

Drag the gain bars of each speaker to adjust the gain value.

Silent: Support 8 channel volume independent adjustable, channel separate mute Settings.

Inverse phase: Supports positive phase and reverse phase settings.

DSP Output Frequency Division Interface

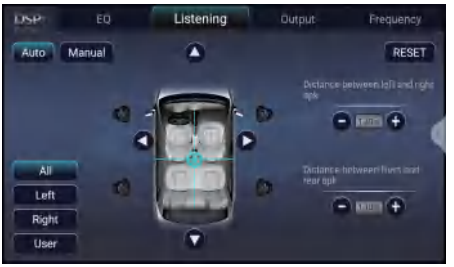
Frequency division support RCA speaker line 5.1 channel and two frequency,three frequency division.

Each channel can adjust the frequency and slope of high pass and low pass according to demand.

⚠ When setting the tweeter, the center frequency should not be set too low, otherwise it will damage the tweeter equipment.

DSP SETTINGS

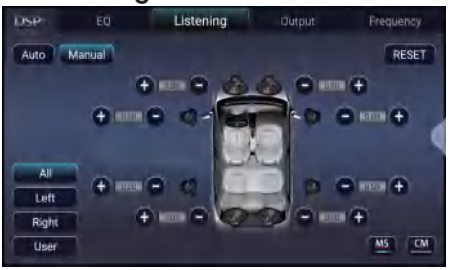
DSP Listening Bit "Automatic" Interface



Listening bit pattern: Full car mode, driving mode, co-driver mode, user mode, you can also manually adjust the listening position.

Horn distance adjustment: the distance between the left and right speakers, the distance between the front and rear speakers can be adjusted by addition and subtraction.

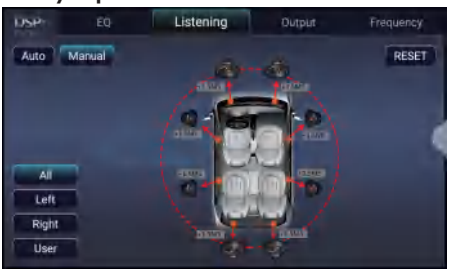
DSP Listening Bit "Manual" Interface



Listening bit pattern: Full vehicle mode, driving mode, co-driver mode, user mode, you can also manually add or subtract the listening position adjustment, MS and CM is the unit conversion to adjust the listening position distance.

Delay: Support 8 channel 0-12 ms delay Settings .

Delay Operation Procedure



Note: First confirm that the EQ is the standard mode, the listening position, output volume, and output crossover are the factory defaults. Balance adjustment of the left and right channels to output separately, and confirm the consistency of the tweeter and midrange speakers. The left and right channels must be consistent, otherwise the delay It was chaotic.

Measure the distance of each speaker:

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

DSP SETTINGS

Note: When the DSP output interface is divided into 5.1 channels or two-way or three-way, you should install it according to the corresponding speaker layout. Please pull it at the same time, please pay attention to the connection of the RCA line audio output definition socket (RCA line). Check the "B: extension button" of the line connection in the manual.

5.1 Network

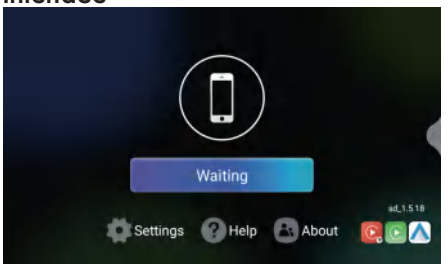
2-Way Network

3-Way Network

Example: Select three-way frequency on the DSP output frequency divider interface, and install the speakers according to the three-way frequency speaker distribution diagram. The output audio of each speaker is different in different positions. When connecting the RCA line-to-plug interface, please pay attention to 20Pin RCA The label content of the line interface 3-Way defines the output. Check the speaker and RCA interface to define the output performance before connecting.

MOBILE LINK

Mobile Phone Connection Interface



Click [ ] to enter the mobile phone interconnection interface.

Click this icon to open the setting interface.

Click this icon to open the help interface.

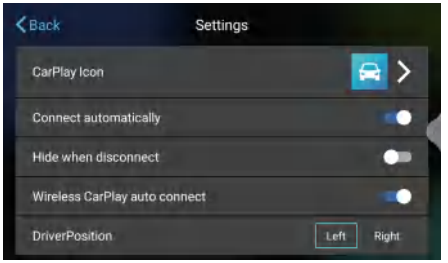
Click this icon to view the properties.

Support iPhone WIFI connection.

Support iPhone USB connection.

Support Android USB connection.

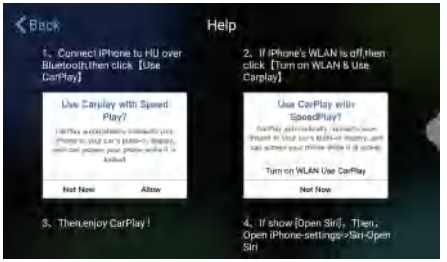
Connection Setting Interface



Click [ ] to enter the connection Setting Interface.

In the connection setting interface, can set the carplay icon picture, connectautomatically function on or off, hide when disconnect function on or off, wireless carplay auto connec function on or off, driver position left or right functions.

Help Interface



Iphone WiFi Connection:

1. If the Apple mobile phone is connected to the car navigation via Bluetooth, the following dialog box will pop up, click (use CarPlay , can connect successfully.

2. If the mobile phone does not open the wireless network , the following dialog will pop up, click (open the wireless LAN and use CarPlay car) , can connect successfully.

Connection Diagram

Iphone USB Connection:

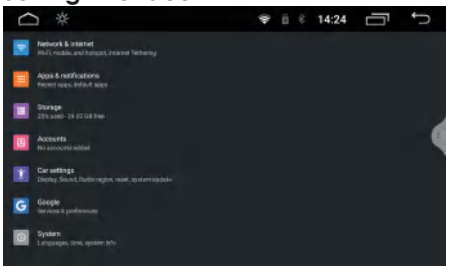
Enter the Speedplay App interface,connect the data cable of the mobile phone with the 4PIN USB cable of the car and machine.To complete the projection screen connection.

Android USB Connection:

Enter the Speedplay APP interface connect the data cable of the mobile phone with the USB cable of the car.To complete the projection screen connection.

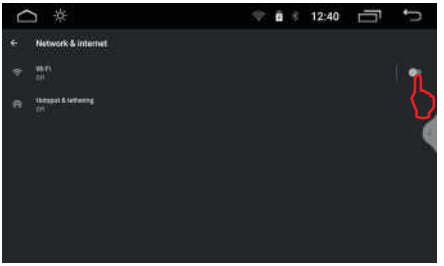
SETTING

Setting Interface



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

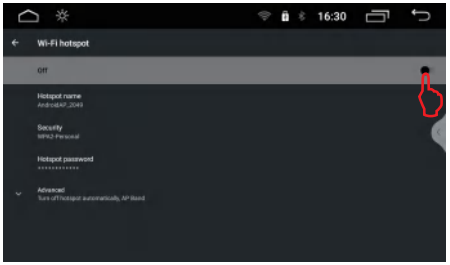
WiFi Connection



1. Click [📶] to enter Network & internet setting interface.
2. Click to[📶] select enable as [⬤],select the WIFI to be connected.
3. Enter the password.

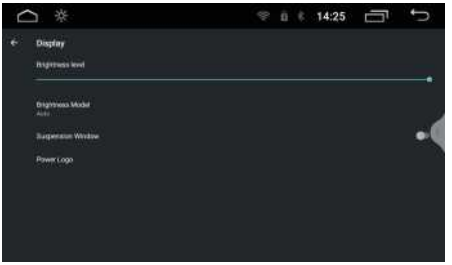
Remarks: The WIFI icon [📶]will be highlighted after successful connection.

Hotspot & tethering Settings



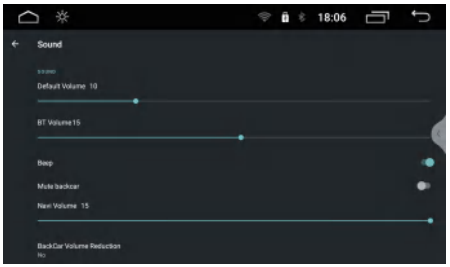
1. Click [⚙] to enter the setting interface.
2. Click [📶] to enter Network & internet setting interface.
3. Click [Mobile network] to enter Mobile network setting interface open network sharing.

Display Settings



1. Click [⚙] to enter the setting interface.
2. Click [🚗] to enter the Car settings interface.
3. Display Setting: It can adjust the brightness, set the brightness mode (automatic, day, night), open or close the floating window virtual button, set the boot LOGO (dynamic boot LOGO, static LOGO).

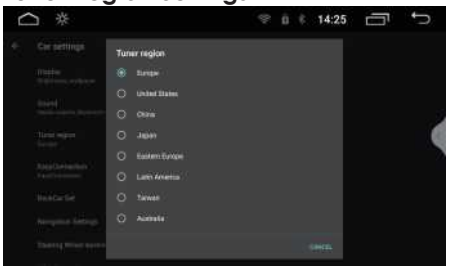
Sound Settings



1. Click [⚙] to enter the setting interface.
2. Click [🚗] to enter the Car settings interface.
3. Sound Setting: Adjustable default volume and bluetooth volume, reversing mute switch setting, pressing mute switch setting, navigation volume, reversing volume inhibition (no,weak, medium, strong), mixing ratio adjustment.

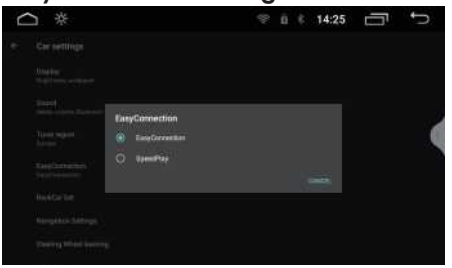
SETTING

Tuner Region Settings



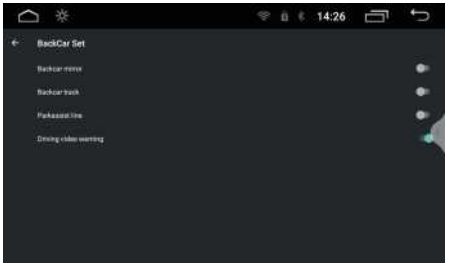
1. Click [ ] to enter the setting interface.
2. Click [ ] to enter the Car settings interface.
3. Display Setting: According to the local radio region Settings, there are options: Europe, the United States, China, Japan, Eastern Europe, Latin America, Taiwan, Australia.

EasyConnection Settings



1. Click [ ] to enter the setting interface.
2. Click [ ] to enter the Car settings interface.
3. EasyConnection Setting: EasyConnection is standard by default and Speedplay requires hardware support to use the feature.

BackCar Set



1. Click [ ] to enter the setting interface.
2. Click [ ] to enter the Car settings interface.
3. BackCar Set: Can be set on or off function, respectively with reversing image, reversing track, reversing auxiliary line, driving video warning.

Navigation Settings

1. Click [ ] to enter the setting interface.
2. Click [ ] to enter the Car settings interface.
3. Navigation Settings: Set the APP that the automatic navigation function is turned on or off after boot, and the navigation setting is turned on by default.

Steering Wheel Learning

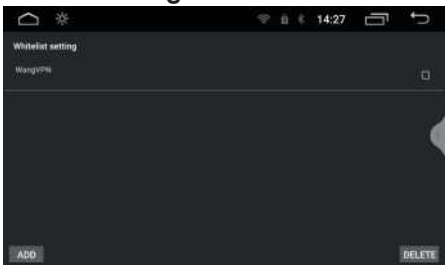
1. Click [ ] to enter the setting interface.
2. Click [ ] to enter the Car settings interface.

Steering Wheel Learning:

1. Click to Begin learning,please press the learning button on the steering wheel long.
2. Selects the machine the corresponding function to be learned, a small blue bar will be lit on the left side if the key is successfully learned.
3. Repeat steps 2-3 to complete the learning of all steering wheel control buttons.
4. Finally, click the "End Learning" buttonto save successful learning.

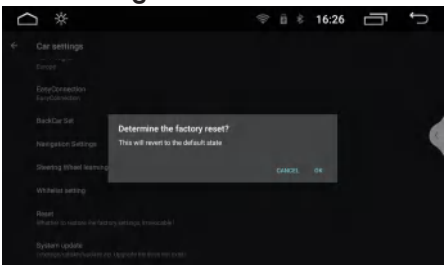
SETTING

Whitelist Setting



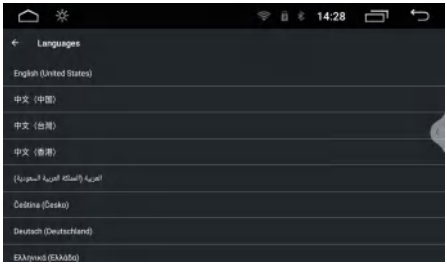
1. Click [⚙] to enter the setting interface.
2. Click [🚗] to enter the Car settings interface.
3. Whitelist Setting：If a third-party APP needs to run in the background, it must be added to the whitelist APP,otherwise it will be considered as an exit when the APP is switched to the background.

Reset Setting



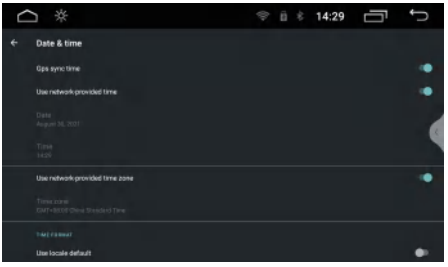
1. Click [⚙] to enter the setting interface.
2. Click [🚗] to enter the Car settings interface.
3. Reset Setting：Restore factory default Settings and erase all data from Wi-Fi, Bluetooth, application preferences, third-party installed apps, etc.

Languages Settings



1. Click [⚙] to enter the setting interface.
2. Click [ⓘ] to enter the System interface.
3. Languages Settings：According to the local language Settings, Click the selected language to complete the setting.

Date & time Settings



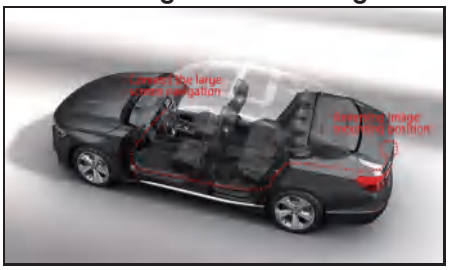
1. Click [⚙] to enter the setting interface.
2. Click [ⓘ] to enter the System interface.
3. Date & time Settings：GPS synchronization time on or off, using the time and time zone provided by the network (off switch can be manually set), time format can be used according to personal needs on or off.

About System

1. Click [⚙] to enter the setting interface.
2. Click [ⓘ] to enter the About System interface.
3. About System：Browse device system information.
4. Factory setting：Factory setting (password is 000000), setting application, logo, radio, sound, CANBUS, key learning, Display setup, others, etc. (please do not arbitrarily set factory setting).

CAMERA WIRING INSTALLATION AND SETTING

Camera Wiring Installation Diagram



Back car mirror type setting:

1. Click [⚙] to enter the setting interface.
2. Click [ⓘ] to enter the About System interface.
3. Click [Factory Setting] enter password (000000) to enter the factory setting interface.
4. Click [Other Setting] to enter the Other Setting interface.
5. Back car mirror type： Select Settings based on the type of lens installed.

Installation steps of reversing image wiring:

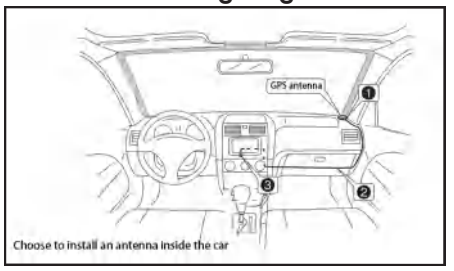
1. Connect the plug of the reversing signal wire to the main engine, remove the left side panel, pass the camera extension wire through the driving position in the central control position, and then put the wire through the trunk with the waterproofing sealant on the side of the lower car to the side of the rear cockpit , and use the traction wire to cross the trunk.

2. Remove the backing box door liner, the camera device is above the license plate, the camera cable into the trunk and the extension wire docking, docking needs to be wrapped with electrical tape.

3. The positive pole of the power supply of the camera is connected with the positive pole of the reverse headlight, and the negative pole is connected with the reverse headlight. Please pay attention to the need to wrap it with electrica tape.

GPS ANTENNA CABLING INSTALLATION

GPS Antenna Wiring Diagram



Notice

1. The GPS antenna can be mounted inside the vehicle, such as on an instrument platform, or outside the vehicle, such as on the roof.

2. GPS antennas must have an open "field of view" facingthe sky. If the vehicle glass is equipped with explosion proof film, heat insulation film, may greatly reduce the strength of GPS antenna to receive satellite signals; In this case, it is recommended toinstall the GPS antenna on the outside of the vehicle.

GPS antenna installation steps:

1.Before taping the GPS antenna, be sure to clean the adhesive area with an appropriate oil-soluble cleaner. After cleaning, tear off the paper on the back, place the GPS antenna and press hard.

2.Remove the side panel and run the cable through the storage room until you reach the main console, making sure the GPS cable and the original cable are securely tied.

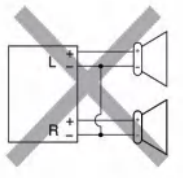
3.Connect the GPS antenna plug to the host.

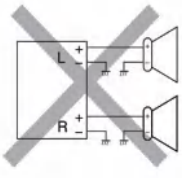
TROUBLESHOOTING

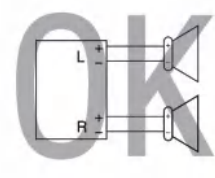
FAULT	REASON	SOLUTION
Unable to boot	Power supply fuse burned out.	Replacement of the same type of fuse.
	Other factors cause microprocessors to work abnormally.	Reboot the unit using the reset button. Press the reset button with a pointed object.
When the ignition switch is turned off, all the information of setting 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.

Do not connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.

Before connecting the speaker leads 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 44mm
Operating Temperature: -10°C - +60°C
Storage Temperature: -20°C - +70°C

System

Operating System: NK 10.0
DDR: 2GB/4GB
Flash: 32GB/64GB

Radio

FM Frequency Range: 87.5-108.0MHz
AM Frequency Range: 522-1620KHZ

Bluetooth

Communication System: BT4.2
Max Communication Range: 5m
Frequency Band: 2.4GHz

USB Interface

USB: Readable/Chargeable
(5±0.25V/1A)

Audio

Max Power: 4 x 50W
Pre-Output: 8CH x 4V
Pre-output Impedance: ≤600Ω
Speakers Impedance: 4-8Ω

TFT Screen Item

Size: 9" / 10"
Display Resolution: 1024 x 600
Contrast Ratio: 500
Brightness: 500nit

Video

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

Video Format

H264/MP4/MOV/AVI/MKV/FLV

Radio Format

MP3/WAV/AMR/APE/AAC/FLAC

Note:

Specification and design; functions and features; unit illumination; colour 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.

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FOR COMPLETE AUDIO SETTINGS INSTRUCTIONS

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