



# NA3615

## User Manual



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# CARPLAY AV RECEIVER

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## WARNING & PRECATION

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.



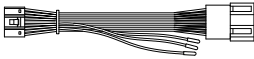
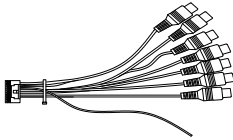

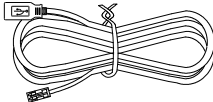
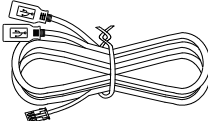
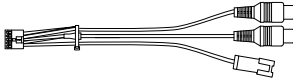

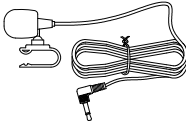
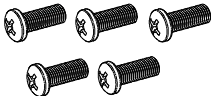

Do not install in locations with in high moisture or dusty. Moisture or dusty that penetrate into this unit may result in product failure.



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

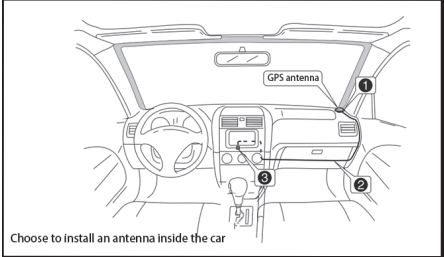
ACCESSORY LIST

Please check the following accessories after opening the package

<div>Power Cable x1</div> <div></div>	<div>20P RCA Cable x1</div> <div></div>	<div>WIFI/BT/Camera Cable x1</div> <div></div>
<div>4P USB Cable x1</div> <div></div>	<div>6P USB Cable x1</div> <div></div>	<div>8P RL/RR Cable X1</div> <div></div>
<div>GPS Antenna x1</div> <div></div>	<div>Microphone x1</div> <div></div>	<div>Installation Screw (3x8)x5</div> <div></div>
<div>User Manual x1</div> <div></div>	<div>Notes:</div> <div>The above accessories are applicable to 9 "and 10", Other models ,accessories may vary, please refer to the actual product.</div>	

GPS ANTENNA INSTALLATION

GPS Antenna Diagram



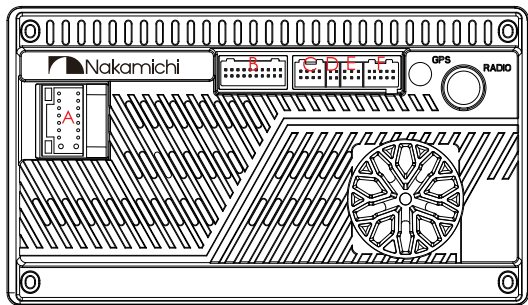
- 1. The GPS antenna can be mounted inside the vehicle, such as on an instrument platform, or outside the vehicle, such as on the roof.
- 2. GPS antennas must have an open "field of view" facing the sky. If the vehicle glass is equipped with explosion proof film, heat insulation film, may greatly reduce the strength of GPS antenna to receive satellite signals; In this case, it is recommended to install the GPS antenna on the outside of the vehicle.

## PRODUCT FEATURES

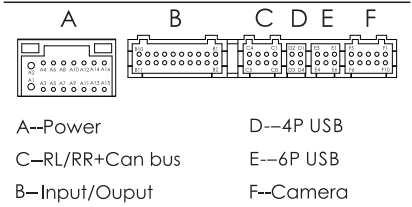
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- Carplay and androidauto Receiver
- Support wireless Carplay™
- Support wireless Androidauto™
- Support Phonerlink
- High-brightness and wide angles IPS screen
- Support Three USB
- Support AHD1080P Camera input
- Support Multi-Color key backlight
- Built-in Bluetooth
- Support Bluetooth music playback
- Built-32 band EQ
- Support lossless music
- Support 1080P video playback
- Support MP3/WMA/AAC/FLAC audio playback
- Support H264/WMV/DIVX/FLV video playback
- 4V Front and Rear Pre-output
- 3V Subwoofer output
- 1 Video input, 2 Audio input
- Support subwoofer output
- Support subwoofer volume control
- Maximum power: 4x50W
- Support external microphone
- High sensitivity FM/AM, support RDS Presets 18 FM, 12AM
- Support steering wheel button learning
- Custom wallpaper

WIRING CONNECTION



Interface Introduction

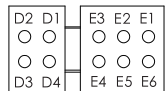
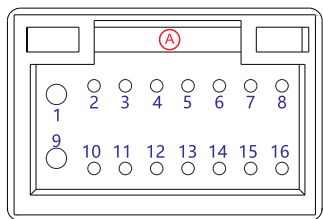


A--Power			
Pin	Name	Pin	Name
A1	Ground Wire	A9	Battery Wire
A2	Ignition Wire	A10	Lamp Control Wire
A3	Reverse Wire	A11	SWC2
A4	SWC1	A12	Amplifier Control Wire
A5	Front Right Speaker-	A13	Rear Left Speaker-
A6	Front Right Speaker+	A14	Rear Left Speaker+
A7	Front Left Speaker-	A15	Rear Right Speaker+
A8	Front Left Speaker+	A16	Rear Right Speaker-

B--Input/Output		
Label	Color	Name
AUX Video Input	Yellow	Video Input
AUX Input L	White	Audio Left Input
AUX Input R	Red	Audio Right Input
FL Output	White	Audio Front Left Output
FR Output	Red	Audio Front Right Output
Subwoofer Output	Blue	Audio Subwoofer Output
MIC	Black	External Microphone Port
AMP output+12V	Pink	Amplifier Control Wire

C--RL/RR+Can bus		
Label	Color	Name
RL Output	White	Audio Rear Left Output
RR Output	Red	Audio Rear Right Output
MCU TX	Orange	Canbus TXD Wire
MCU RX	Orange/White	Canbus RXD Wire

F--Camera		
Label	Color	Name
BRAKE	White	Wifi/BT Antenna
Reverse Camera	Brown	Brake Detection Wire
Reverse+12V OUT	Yellow	Back Camera Input
	Red	Wifi/BT Antenna



D--4P USB	
Pin	Name
D1	GND
D2	USB_5V
D3	USB_DP0
D4	USB_DM0

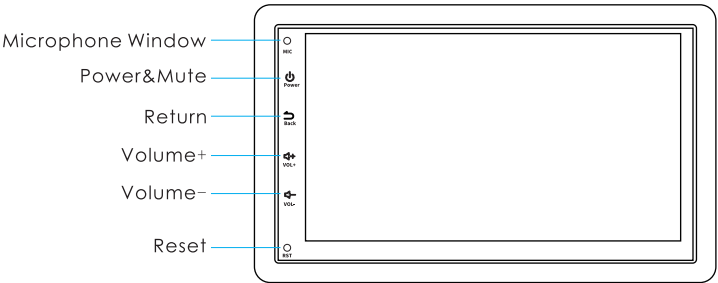
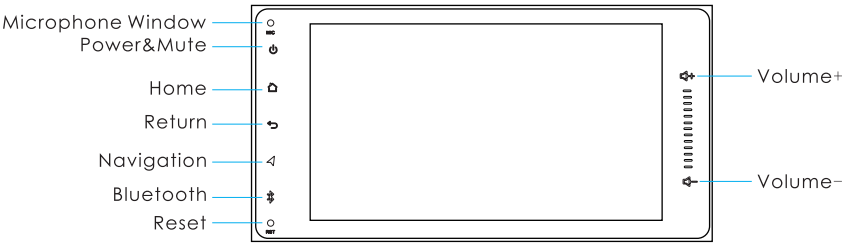
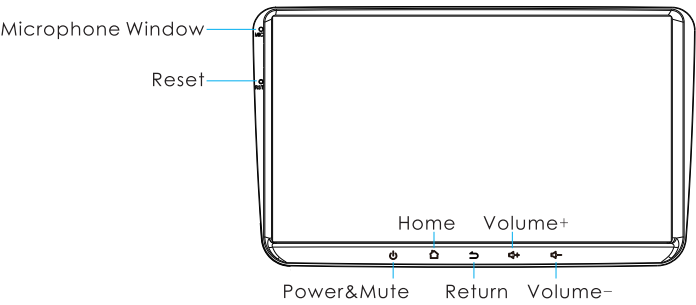
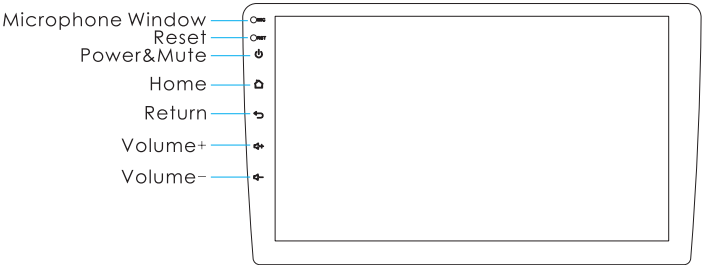
E--6P USB	
Pin	Name
E1	USB_DM2
E2	GND
E3	USB_5V
E4	USB_DP1
E5	USB_DM1
E6	USB_DP2

Remark:

**D--4P USB:**  
Support CarPlay,Support android auto  
1.5A Charging.

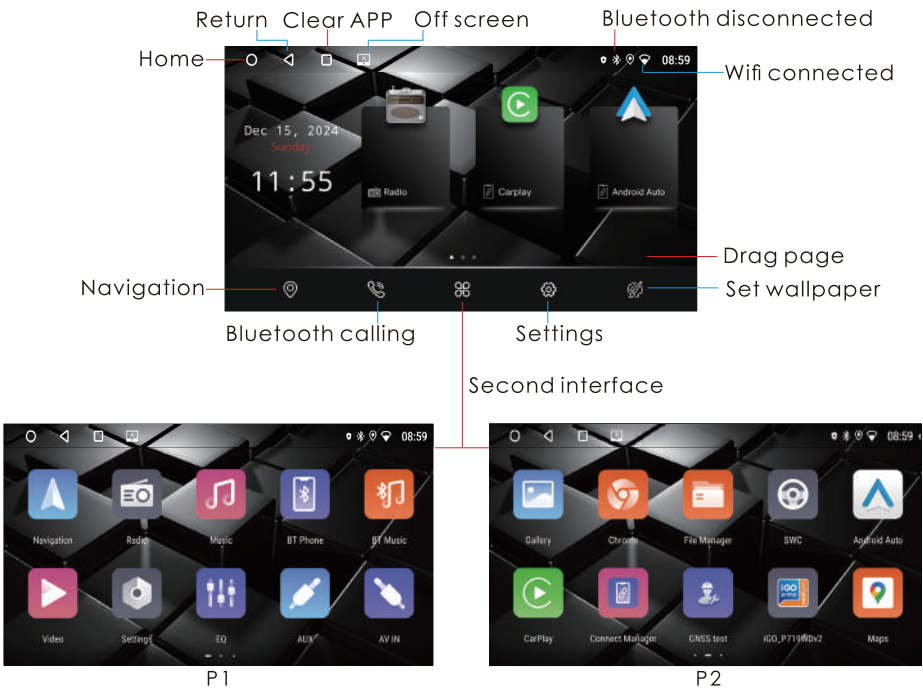
**E--6P USB:**  
Support USB DVR,Support USB reading,  
0.5A Charging.

# PANEL OPERATION

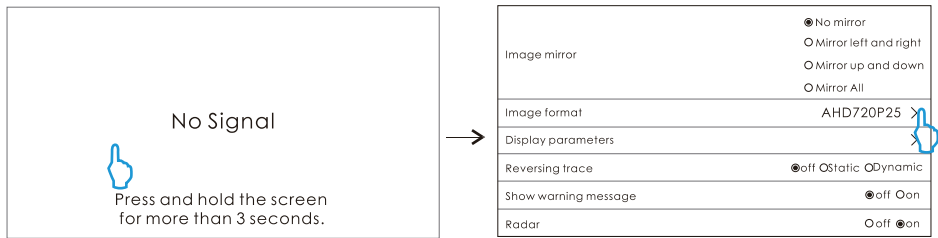


# HOME PAGE OPERATION

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



# CAMERA SETTINGS



In reverse mode state, Press and hold the screen for more than 3 seconds to enter camera settings.

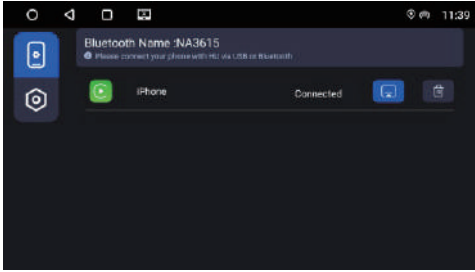
Notice:


The settings are inconsistent with the camera parameters, there may be no image.



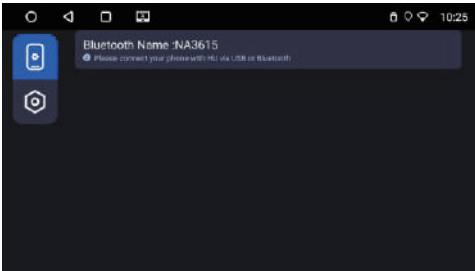
# PHONE CONNECTION


## Carplay Connection



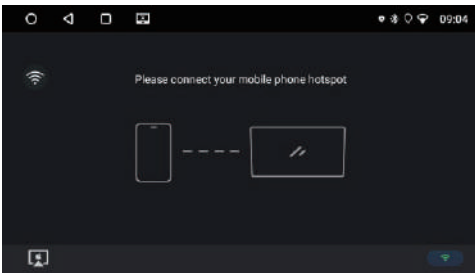
- 1.Press [  ] to enter the homepage.
- 2.Please connect your phone with bluetooth.
- 3.Click [ Carplay ] to enter Carplay interface.




## Androidauto Connection



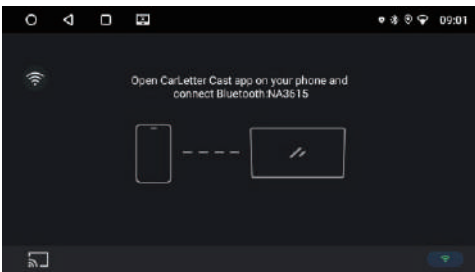
- 1.Press [  ] to enter the homepage.
- 2.Please connect your phone with bluetooth.
- 3.Click [ Androidauto] to enter androidauto interface.



## iOS phone Screen Mirroring



- 1.Click [  ]to select [  ].
- 2.Click [ Phone link ]to select [ Airplay ].
- 3.Open your phone hotspot.
4. NA3615 connect to mobile WIFI.
5. Pull down the iPhone, click [  ] to enter Screen Mirroring, and select NA3615

## Androidphone Screen Mirroring



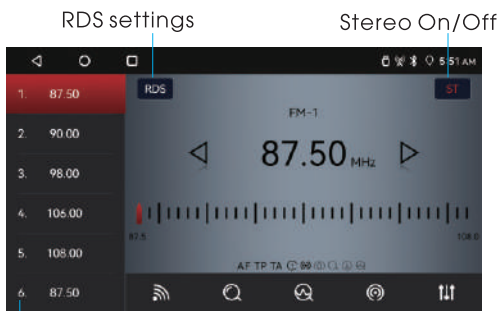
- 1.Click [  ]to select [  ].
- 2.Click [ Phone link ]to select [ Android Link ].
- 3.Download CarLetter Cast on your phone and install.
- 4.NA3615 connects to Bluetooth, open the app on your phone.

Notice:Only supports wireless connection.

# RADIO OPERATION

## Radio Interface

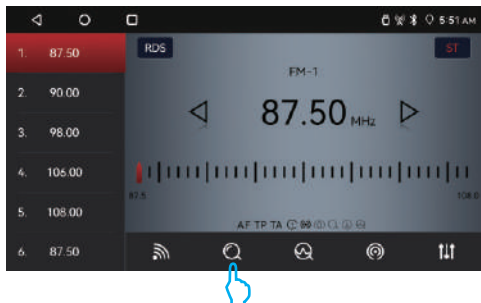
- 1.Press [  ] to enter the homepage. 2.Click [ Radio ] to enter the radio interface.



- ◀ Seek Down
- ▶ Seek Up
- 📶 Band Selection FM/AM
- 🔍 Automatic Search
- 🔍 Station browse
- 📶 Dx/Local Selection
- 🔊 EQ Settings

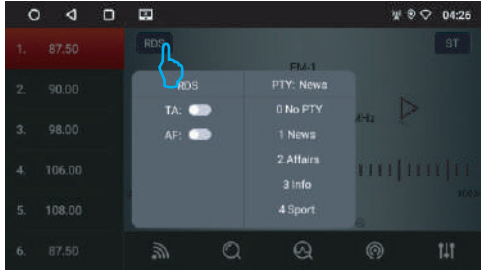
Click to select a station  
Hold for more than 2 seconds to store the station

## Automatically Search | Manual Search



- Automatically search**  
Click [ Q ] to enter automatic search and storage.
- Manual search**  
Click [ ◀ ] or [ ▶ ] to the manual search

## RDS Settings



Click [ RDS ] to enter the RDS Settings.

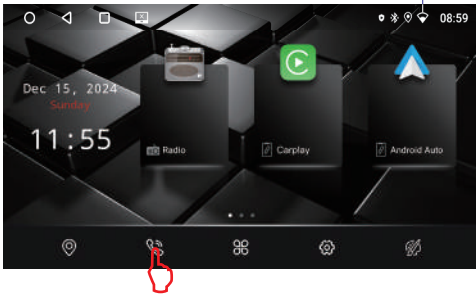
## RDS Function

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 OPERATION

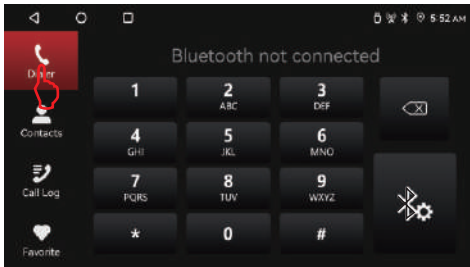
- 1.Press [ ⬆ ] to enter the homepage.
- 2. Click to [ 📶 ] to enter the bluetooth interface.

## Bluetooth Pairing Connection

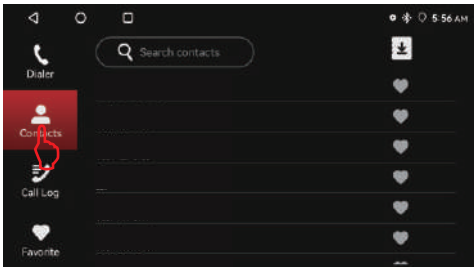


- Bluetooth connected
- The first time pair mobile phone with AV receiver, please follow below steps:
- 1.Turn on your phone's Bluetooth to search Device name: Product model
  - 2.Click [ Product model ] to connect.

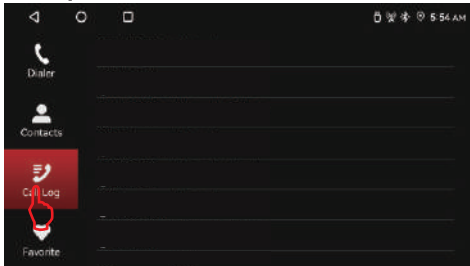
## Bluetooth Call



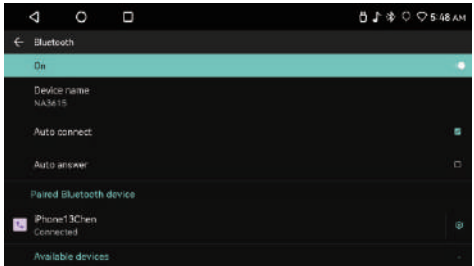
## Phone Book



## History Call Record



## Bluetooth Settings



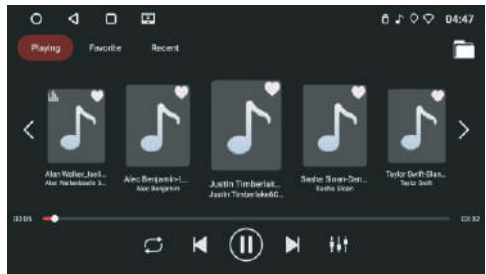
- 1.Press [ ⬆ ] to enter the homepage.
- 2.Press[ ⚙ ] to select [ Bluetooth] enter the bluetooth settings interface.

# PLAYBACK OPERATION

## Music Playback

1.Press [  ] to enter the homepage. 2.Click [ Music ] to enter the music playback.

Music playback interface

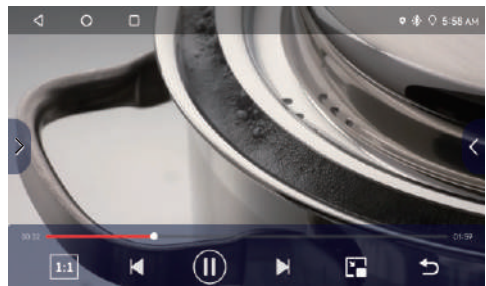


- < Page Up
- > Page Down
- ⏮ Previous Track
- ⏸ Play/Pause
- ⏭ Next Track
- ⚙ EQ Settings

## Video Playback

1.Press [  ] to enter the homepage. 2.Click [ Video ] to enter the video playback.

Video playback interface



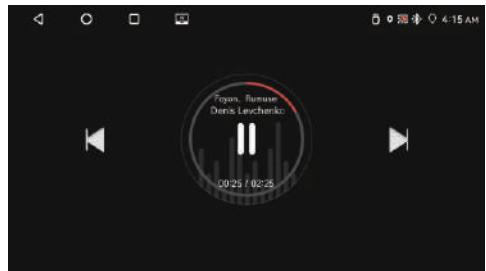
- > Playback device
- < Playlist
- 1:1 Image size switching
- ⏮ Previous Video
- ⏸ Play/Pause
- ⏭ Next Video
- ⛶ Picture in Picture
- ↶ Return

## Bluetooth Music Playback

1.Press [  ] to enter the homepage.


2.Click [ BT Music] to enter the bluetooth music playback.

Bluetooth Music Playback interface



- ⏮ Previous Track
- ⏸ Play/Pause
- ⏭ Next Track

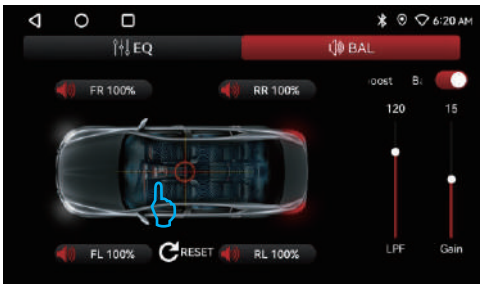
# EQ OPERATION

- 1.Press [  ] to enter the homepage.
- 2.Click [ EQ ] to enter the EQ Settings Interface.

## EQ Settings



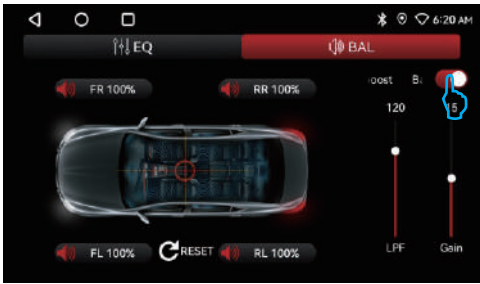
## Banlance Settings



## Loudness Settings

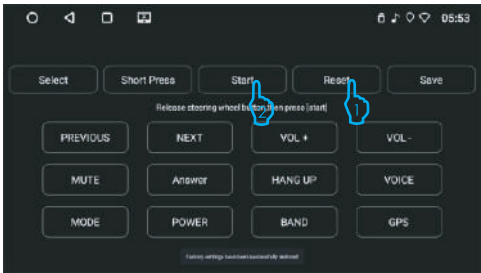




## Subwoofer Settings



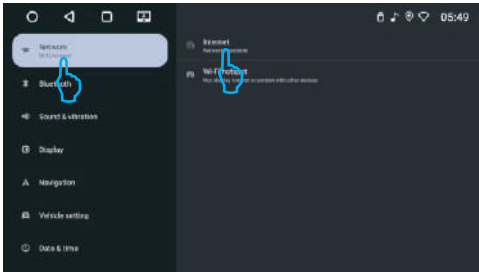
LPF:Low pass filter setting,Allow passage below the current frequency  
Gain:Subwoofer gain adjustment

# STEERING WHEEL LEARNING



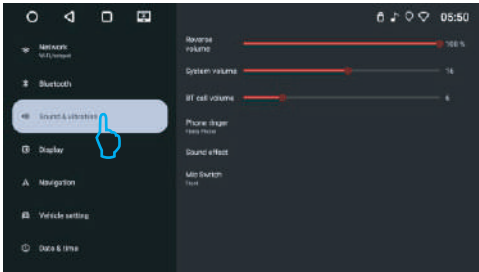
- 1.Press [  ] to enter the homepage.
- 2.Click [  ] to select [ SWC ].
- 3.Release steering wheel button,the press [ Star ].
- 4.Touch the function on the display.
- 5.Push the button on the steering wheel.
- 6.Key learning succeeds, proceed to the next key operation.

WIFI Connection



- 1.Press [ Home ] to enter the homepage.
- 2.Click [ Settings ] to select [ Network ].
- 3.Click [ Internet ] to search WIFI.
- 4.Select WIFI and enter password to connect.

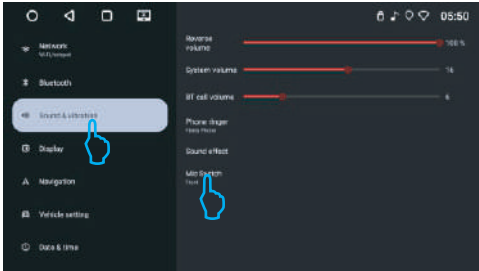
Volume Settings



- 1.Press [ Home ] to enter the homepage.
- 2.Click [ Settings ] to select [ Sound & Vibration ].

Remark:  
Support Reverse volume, System Volume, Bluetooth call volume Settings.

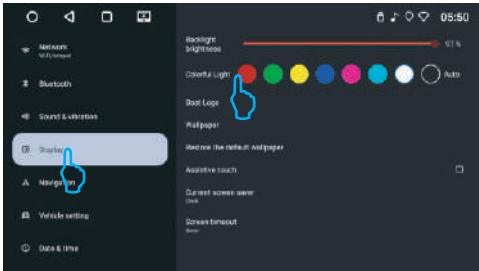
Microphone settings



- NA3615 supports front and rear microphone settings.
- 1.Press [ Home ] to enter the homepage.
  - 2.Click [ Settings ] to select [ Sound & Vibration ].
  - 3.Click [ Mic Switch ] to setup.

Note:  
Set the microphone to the correct.  
Set it incorrectly may result in silence or poor call quality.

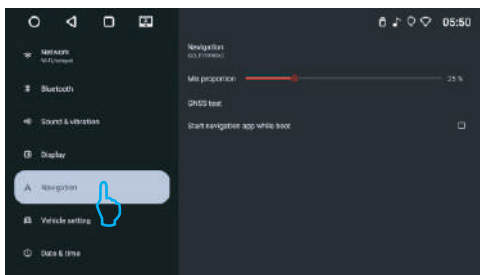
Button backlight settings



- 1.Press [ Home ] to enter the homepage.
- 2.Click [ Settings ] to select [ Display ].
- 3.Select the light color for the Colorful Light strip.

# SETTINGS

## Navigation settings

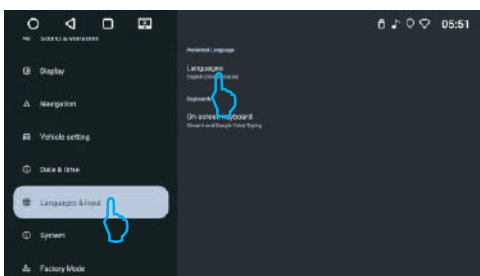


- 1.Press [ ] to enter the homepage.
- 2.Click [ ] to select [ Navigation ].

Remark:

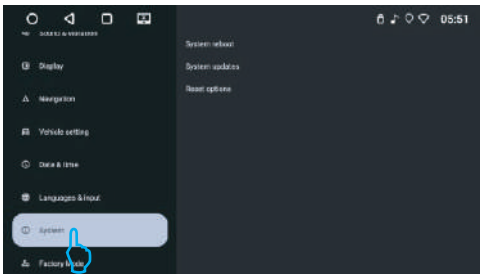
- 1.Support navigation map selection, such as iGO, google map,waze.
- 2.Support GPS mixing.

## Languages Settings



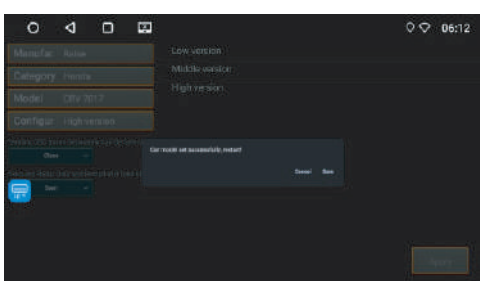
- 1.Press [ ] to enter the homepage.
- 2.Click [ ] to select [ Languages&input]
- 3.Click [ Languages ] to enter the Language setting interface.
- 4.Click [ + ]add the required language.
- 5.Drag the required language to 1.

## System Reset




- 1.Press [ ] to enter the homepage.
  - 2.Click [ ] to select [ System ].
  - 3.You can tap to "System Restart" to perform a system shutdown and restart.  
You can tap to "System Upgrade" to check for upgrade packages and proceed with the upgrade if any are found.
- Note:** This item requires a password, password: 888888

## Can Bus Settings



- 1.Press [ ] to enter the homepage.
- 2.Click [ ] to select [ Factory Mode ].
- 3.Click [ 1Vehicle ] to select [ Automotive type ].Password is 1948.
- 4.Click [ Manufa ] to select canbus brand.
- 5.Click[ Category ] to select car brand.
- 6.Click[ Model ] to select vehicle model.
- 7.Click[ Configu ] to select car configure.
- 8.Click[ SURE ] to restart, set successful.

# TROUBLE SHOOTING

Not turn on	A fuse is blown	Replace fuse
	Cable connection problem	Reconnect the cable
Radio signal is weak	Occluded by objects	Move to another location
	Antenna connection problem	Rewire the radio antenna
GPS signal is weak	Occluded by objects	Move to another location
	Antenna connection problem	Rewire the GPS antenna
Wifi signal is weak	Wi-fi antenna not connected	Plug in the WIFI antenna In position F
	Too far	Change position
Bluetooth signal that weak	BT antenna not connected	Plug in BT antennas In position F
	Too far	Change position
System stuck	Too many apps that opened	Click to [  ] close application
	Insufficient storage space	Uninstall the app or clear the storage space
	Systems crash	Push the RST panel button With a pointed object
Bluetooth telephone is not good	Microphone is too far away	Lean into the microphone
		Change microphone position
Music can't be played	Unsupported audio format	Change the music
No video	Brake cable is not connected	Reconnect the brake cable
Unable to play this video	Unsupported video format	Change the video or convert the format
Mirrorphone no sound	Bluetooth is not connected	Bluetooth connection



# SPECIFICATION

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## General

Operation Voltage: 14.4V(10.5-16V)  
Operating Temperature: -10°C - +60°C  
Storage Temperature: -20°C - +70°C

## System

Operating system: NK13.0  
RAM+Storage: 4GB+64GB

## Bluetooth

Communication System: BT5.0+EDR  
Output: BT Standard Power 2 Class  
Max Communication Range: 5m  
Frequency Band: 2.4GHz

## Radio

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

## USB Interface

USB: Readable/ Chargeable

## Audio

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

## TFT Screen Item

7":1024x600 IPS  
9": 1280x720 IPS  
10.1": 1280x720 IPS  
TY:7":1024x600 IPS  
VW:9": 1280x720 IPS  
Contrast ratio:500  
Brightness:500nit

## Video

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

## Video Format

H264/ MP4/ AVI/ MKV/ FLV

## Audio Format

MP3/APE/AAC/FLAC

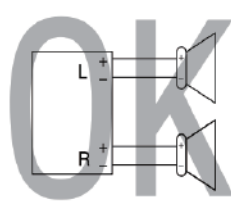
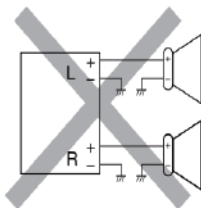
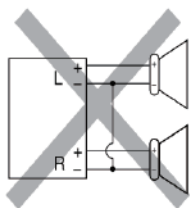
## Note:

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.

## NOTE

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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.







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