



NAM5730

User Manual



9"/10.1" AV RECEIVER

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YOUR AV RECEIVER

Dear Customer,

Congratulations on purchasing our Nakamichi mobile system product for your sound system.

This product has been designed and manufactured to Nakamichi's exacting standards to ensure many years of audio enjoyment. For the best performance, we recommend that you have your Nakamichi product installed by an authorized Nakamichi dealer.

If you would like to install this product on your own, we recommend for you to go through this manual to familiarize yourself with all the installation requirements and procedures.

If you encounter any issues or if you have any questions on the operation of this product, please contact your nearest authorized Nakamichi dealer for assistance, or you may also contact us through our website or social media channels.

Installation of your Product

In today's modern vehicles, it is very easy to cause damage to existing systems through improper installation. Please follow and scrutinize all wiring diagrams to ensure that you have connected everything in its proper place.

If you find yourself uncomfortable or unfamiliar with understanding the wiring and installation diagrams or testing instructions, do contact your nearest Nakamichi dealer to perform the installation for you.

Safety Warnings and Considerations

- Clean only with a dry cloth or other similar materials.
- Install your product in a dry, well-ventilated location that does not interfere with your vehicle's safety equipment.
- Do not block any ventilation openings when installing this product.
- Do not mount the product in the engine compartment of your vehicle or in any areas of extreme heat such as mufflers, silencers, exhaust pipes or other heat producing apparatus.
- Securely mount the product so that it does not come loose in the event of a collision or as a result of repeated vibrations that might occur during normal operation.
- Installation of the apparatus must be done with great care to prevent damage to your vehicle's fuel lines, power, and other electrical wiring, hydraulic brake lines, and other systems. If possible, always visit your nearest Nakamichi dealer to perform the installation.
- Do not run any wiring outside or underneath the vehicle. Keep all wires inside the vehicle.

YOUR AV RECEIVER

- Take the necessary precautions when making connections to the vehicle's battery to avoid any potential shock.
- Protect all system wires from sharp edges by carefully routing them, always use rubber grommets to protect wiring and cables whenever you are installing them through metal openings.
- Secure all wiring using cable ties or wire clamps to protect them from moving parts and sharp edges.
- This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, shall be placed on the apparatus.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power input terminals are damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Fuses shall be replaced only with the correct type and fuse value, and only when the apparatus is powered off.
- Exposure to high sound pressure levels may lead to permanent hearing loss. Take every precaution to protect your hearing.
- This product is designed specifically for use with 12 volt, negative- ground electrical systems only. Using this product in systems with positive ground and/or voltages other than 12V may result in damage to the product and your system.

Warranty Considerations

Nakamichi warrants this product to be free of defects in materials and workmanship for a period stated by your country's authorized Nakamichi distributor. This warranty is not transferable and applies only to the original owner who has purchased from an authorized Nakamichi dealer or distributor.

Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller.

This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

Warranty is void if the product's serial number has been removed or defaced.

PRODUCT FEATURES

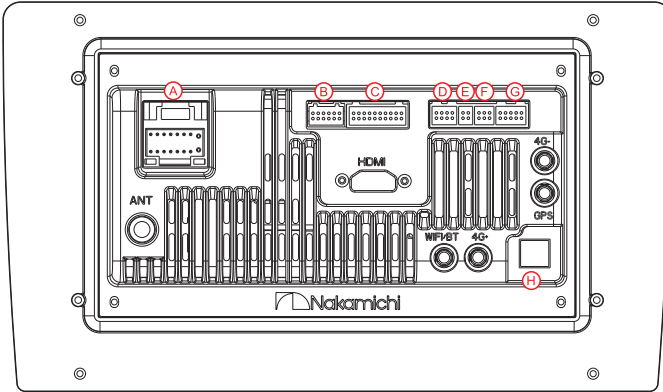
Hi-Fi Audio

- 5.1 Audio Pre-output
- DSD Audio Playback
- Hi-Res Audio Playback
- Lossless Music Playback
- Center Audio Output
- Subwoofer Audio Output
- Digital Audio: Optic Output
- Digital Audio: Coaxial Output
- Support Time Alignment Setup
- High-power ST7851
- 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

- 1280x720 IPS Screen
- 2.5D G+G Full Glass
- Qualcomm 8 core A53 CPU
- Android 9.0 Operating System
- 2+32G or 4+64G Large Memory
- Built-in 360 Panorama
- High Sensitivity Radio
- Support 4G Network
- AHD Camera Input
- Built-in Bluetooth
- HDMI Output
- Capacitive Screen
- 500 Lumens LCD Screen
- Built-in GPS
- Support Wifi
- USB Playback
- 2K Video Playback
- 1080P Video Playback
- Support ios Phone Mirrorlink
- Support Android Phone Mirrorlink
- Support Bluetooth Music Playback
- Support Picture-in-picture Playback

WIRING CONNECTION



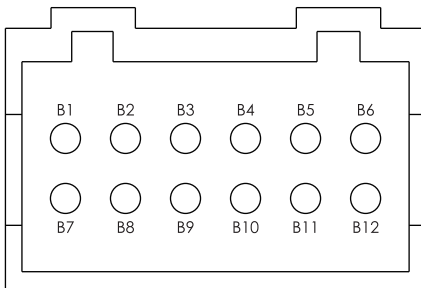
Interface

- A: Power Supply
- B: 360 Panorama
- C: Input/Output/4G SIM
- D: Audio Output
- E: 4P USB 1
- F: 6P USB 2
- G: Camera Input
- H: Optical Output

A: Power Supply

Color	Name
Black	Ground wire
Yellow	Battery wire
Red	Ignition wire
Orange	Lamp control wire
Green/White	Reverse wire
Yellow/White	Steering wheel control wire 1
Orange/White	Steering wheel control wire 2
Blue	Amplifier/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



C: Input/Output/4G SIM

Label	Color	Name
Video In	Yellow	Video Input
Left AUX	Red	Audio Left Input
Right AUX	White	Audio Right Input
Sub Out	Green	Audio Subwoofer Output
FR Out	Red	Audio Front Right Output
FL Out	White	Audio Front Left Output
SIM	Black	4G SIM Card
MIC	Black	External MIC interface

D: Audio Output

Label	Color	Name
CAN_TX	Green	Can bus TXD
CAN_RX	Green/Black	Can bus RXD
Coaxial Out	Green	Coaxial Output
RR Out	White	Audio Rear Right Output
RL Out	Red	Audio Rear Left Output

G: Camera Input

Label	Color	Name
BRAKE	Pink	Brake Detection
Back Video In	Yellow	Reversing Camera Input

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 +4.3V	B12	Power +4.3V

ACCESSORY LIST

Check and identify the contents of your package:

1. 16Pto ISO Cable × 1pc
2. GPS Antenna × 1pc
3. 4G Antenna × 2pcs
4. Wifi Antenna × 1pc
5. 20P Input/Output Cable × 1pc
6. 8P Audio Output Cable × 1pc
7. 4P USB Cable × 1pc
8. 6P USB Cable × 1pc
9. 10P Camera Input Cable × 1pc
10. User Manual × 1pc

FRONT PANEL



Function

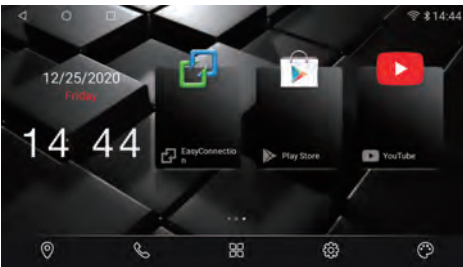
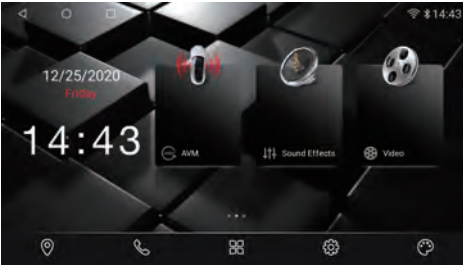
Operations & Controls

1. MIC
Microphone: Voice receiving position
2. RST
Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
3. Power ⏻
In the power-on state:
Press to Mute.
Press and hold for more than 5 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.

FUNCTIONS APPLICATION

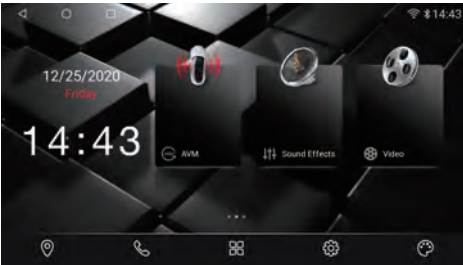
Home Page Operation

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



- Click to return
- Click to home
- Click to close applications
- Wifi connection information
- Bluetooth connection information
- 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



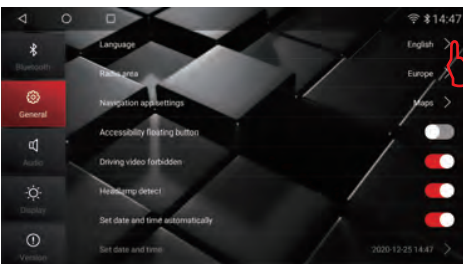
NAM5730 series support:

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.

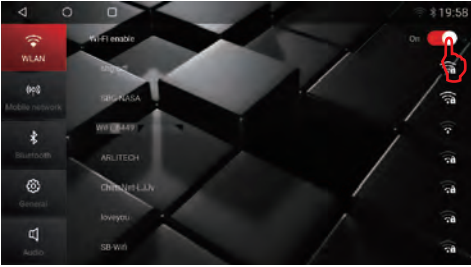
Language Selection



1. Press [Home] on the panel to enter the homepage.
2. Click [Settings] to enter the setting interface.
3. Click [General] to select [Language] .
4. Select the corresponding language.

FUNCTIONS APPLICATION

Wifi Connection



1. Press [△] on the panel to enter the homepage.
2. Click [📶] to enter the setting interface.
3. Click to [WLAN] Select WIFI enable as [ON], Select the WIFI to be connected.
4. Enter the password.

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

Volume Setting



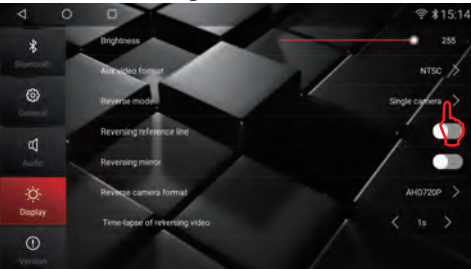
NAM5730 series support:

Phone volume, music volume, navigation volume, Separate settings for the volume when reversing and when navigating.

The operation is as follows:

1. Press [△] on the panel to enter the homepage.
2. Click [⚙️] to enter the setting interface.
3. Click [AUDIO] to enter the audio setup.

Camera Settings



NAM5730 series support:

360 panorama, CVBS camera, AHD 720P camera, the system defaults to AHD 720P.

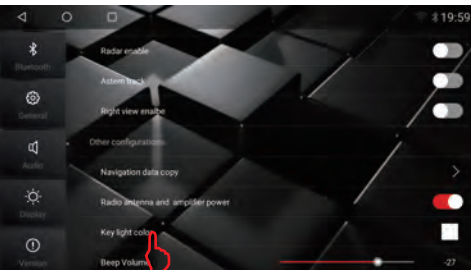
For cameras of other specifications:

1. Press [△] on the panel to enter the homepage.
2. Click [⚙️] to enter the setting interface.
3. Click to [DISPLAY] select [Reverse mode].
4. Select the corresponding camera mode.

Remarks:

When the selected mode does not match the camera, there will be no reversing display.

Key Light Color

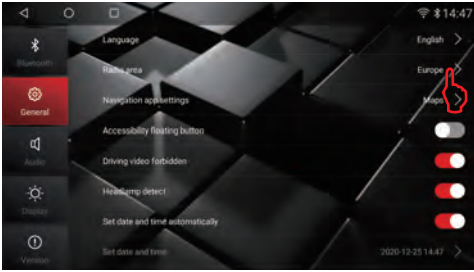


The NAM5730 series supports multiple lighting colors. The operation is as follows:

1. Press [△] on the panel to enter the homepage.
2. Click [⚙️] to enter the setting interface.
3. Click [Version] to select [Factory settings].
Password is :8888
4. Click [key light color] to change light color.

FUNCTIONS APPLICATION

Radio Area Selection



1. Press [⏠] on the panel to enter the homepage.
2. Click [⚙️] to enter the setting interface.
3. Click to [General] select [Radio area].
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.

Automatically Search | manual Search And Storage



1. Press [⏠] on the panel to enter the homepage.
2. Click to [📻] to enter the radio interface.

Automatically search:

Click to [🔍] to the automatic search, the radio stations that have been searched will be automatically saved to the number list below.

Manual search and storage:

Click [⏪] or [⏩] to the manual search, Press and hold [☆] to add to radio favorites.

Radio Interface



- FM band
- AM band
- Listen to favorite radio
- Search backward
- Search forward

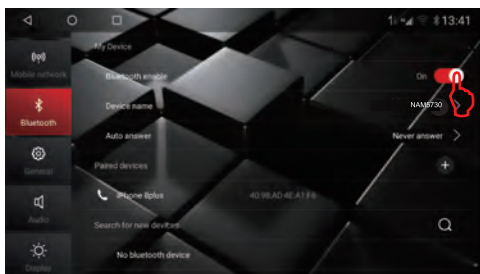
- Close Screen
- Automatically search
- Add to favorite stations
- Increase frequency forward
- Increase frequency backward

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.

FUNCTIONS APPLICATION

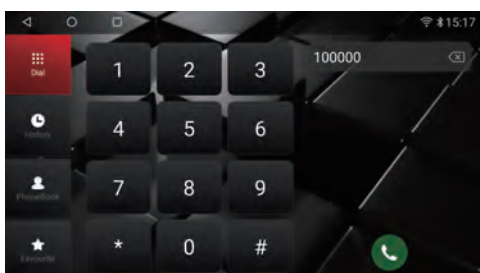
Bluetooth Pairing Connection



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

1. Press [Home] on the panel to enter the homepage.
2. Click [Settings] to enter the setting interface.
3. Click to [Bluetooth] select Bluetooth enable [ON].
4. Turn on the phone's Bluetooth to search:
Bluetooth device: NAM5730.
5. After the search is successful, click the phone and host to confirm, the pairing is successful.

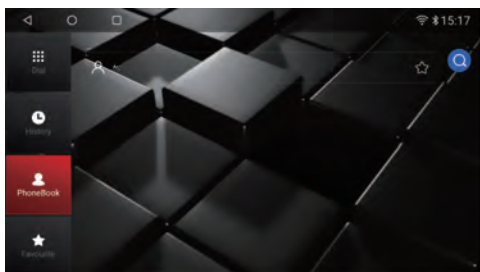
Bluetooth Call



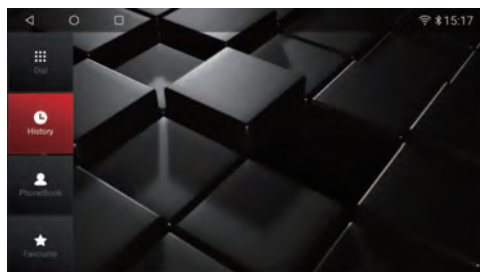
1. Press [Home] on the panel to enter the homepage
2. Click to [Bluetooth] to enter the bluetooth call interface.

- [Dialpad] Dialpad
- [History] History call record
- [PhoneBook] Phone book
- [Star] Favorite contacts
- [Backspace] Backspace
- [Green Phone] Dial

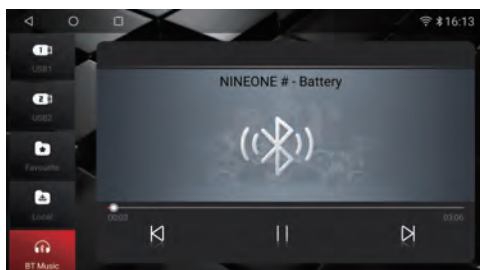
Phone Book



History Call Record



Bluetooth Music Playback



1. Press [Home] on the panel to enter the homepage.
2. Click to [Music] to enter the music interface.
2. Click to [Bluetooth Music] to enter the bluetooth music playback.

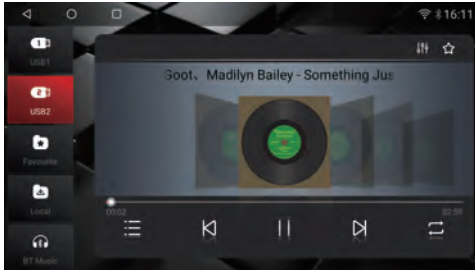
- [Previous] Previous track
- [Play/Pause] Play/Pause
- [Next] Next track

FUNCTIONS APPLICATION

Music Playback

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

Music playback interface

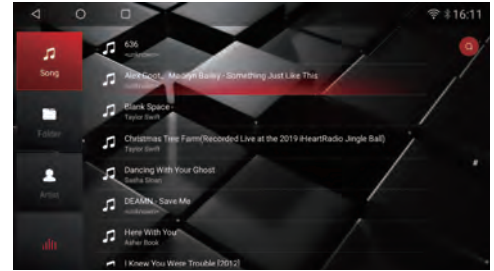


- Playback USB1 music
- Playback USB2 music
- Playback favourite music
- Playback local music
- Playback bluetooth music
- Playback list

- Previous track
- Play/Pause
- Next track
- Repeat Playback
- EQ Setup
- Add to favorite stations

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

Music Playback list



- Show song list by name
- Show song list by folder
- Show song list by artist
- Search track
- Playback status

Video Playback

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

Video playback interface

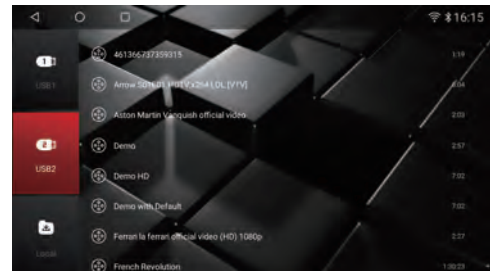


- Previous Video
- Play/Pause

- Next video
- Playback USB1 video

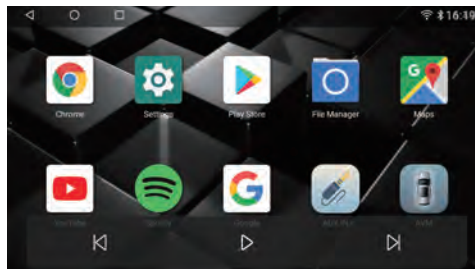
2. Click to [📁] to enter the video interface.

Video Playback list



- Playback USB2 video
- Playback local video

Picture Playback



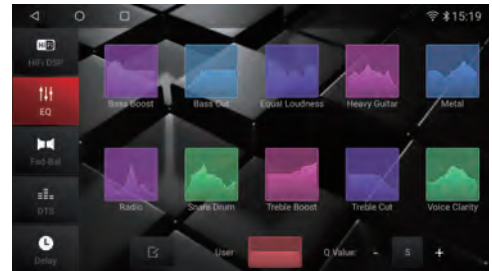
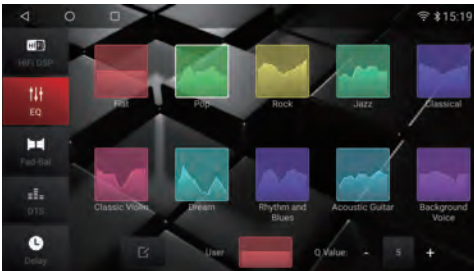
FUNCTIONS APPLICATION

HiFi DSP



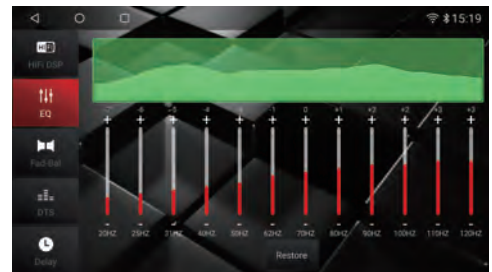
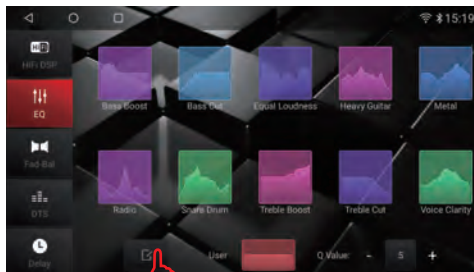
1. Press [△] on the panel to enter the homepage.
2. Click [≡] to enter the sound effects interface.
3. Click [HiFi DSP] to enter the HiFi DSP interface.
4. Select the Speaker channel.

EQ Selection



1. Press [△] on the panel to enter the homepage.
2. Click [≡] to enter the sound effects interface.
3. Click [≡ EQ] to enter the EQ selection interface.

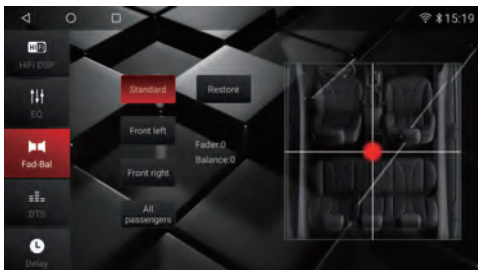
EQ Settings



1. Press [△] on the panel to enter the homepage.
2. Click [≡] to enter the sound effects interface.
3. Click [≡ EQ] to enter the EQ interface.
4. Click [☑ EQ] to enter the EQ Settings

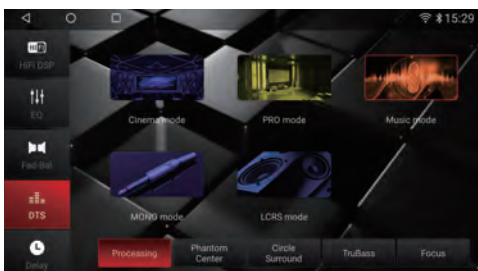
FUNCTIONS APPLICATION

Fader and Balance Adjustment



1. Press [△] on the panel to enter the homepage.
2. Click [HIFI] to enter the sound effects interface.
3. Click [Fader Bal] to enter the Fader and Balance interface.

DTS Processing



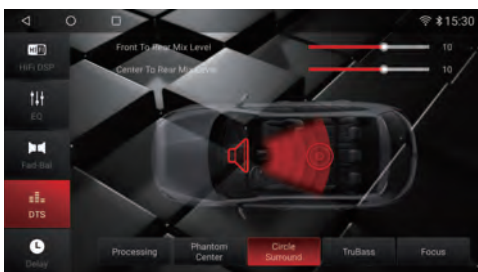
1. Press [△] on the panel to enter the homepage.
2. Click [HIFI] to enter the sound effects interface.
3. Click [Processing] to enter the processing select.

Phantom Center Setup



1. Press [△] on the panel to enter the homepage.
2. Click [HIFI] to enter the sound effects interface.
3. Click [Phantom Center] to enter the phantom center setup.

Circle Surround Setup



1. Press [△] on the panel to enter the homepage.
2. Click [HIFI] to enter the sound effects interface.
3. Click [Circle Surround] to enter the circle surround setup.

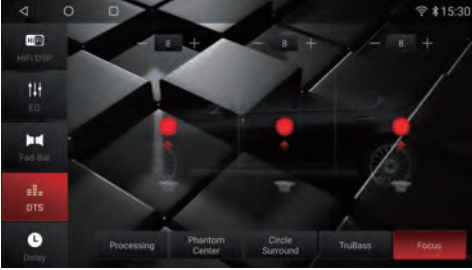
TruBass Setup



1. Press [△] on the panel to enter the homepage.
2. Click [HIFI] to enter the sound effects interface.
3. Click [TruBass] to enter the TruBass setup.

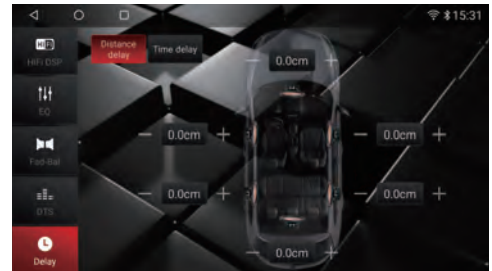
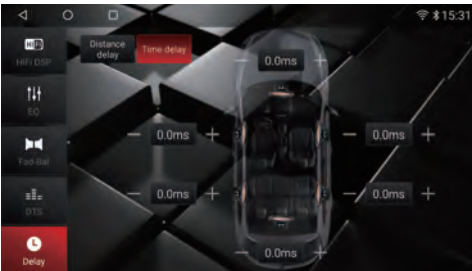
FUNCTIONS APPLICATION

Focus Adjustment



1. Press [△] on the panel to enter the homepage.
2. Click [≡] to enter the sound effects interface.
3. Click [Focus] enter the focus adjustment.

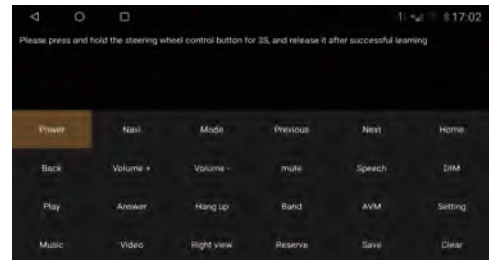
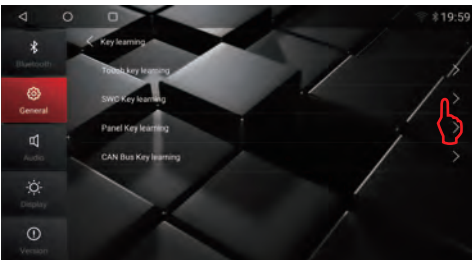
Time Delay Adjustment



1. Press [△] on the panel to enter the homepage.
2. Click [≡] to enter the sound effects interface.

3. Click [Time delay] to enter the focus adjustment.

Steering Wheel Learning

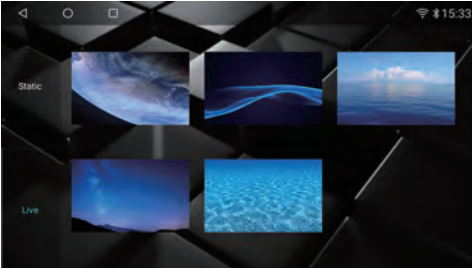


1. Press [△] on the panel to enter the homepage.
2. Click [⊙] to enter the setting interface.
3. Click [Key learning] to enter the key learning mode selection

4. Click [SWC Key learning] to enter the Steering wheel learning
5. Click the key function of the required learning.
6. Press and hold the steering wheel control button for 3S, and release it after successful learning

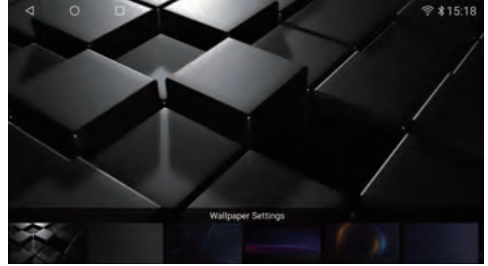
FUNCTIONS APPLICATION

Screen Saver



1. Press [△] on the panel to enter the homepage.
2. Click [Screen Saver] to enter the screen saver setting.

Wallpaper Settings



1. Press [△] on the panel to enter the homepage.
2. Click [Wallpaper] to enter the wallpaper settings.

Car Bus Settings



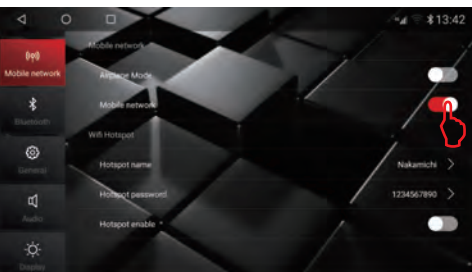
1. Press [△] on the panel to enter the homepage.
2. Click [Settings] to enter the setting interface.
3. Click [Factory] to select [Factory settings].
Password is :8888
4. Click [Car Model] to enter the car model selection.
5. Click [Save] set successfully.

Factory Reset



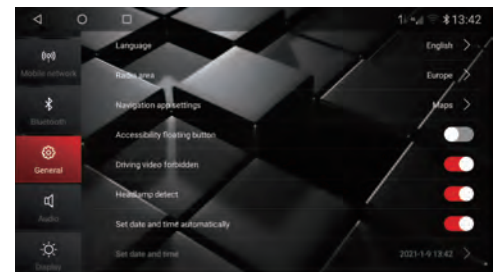
1. Press [△] on the panel to enter the homepage.
2. Click [Settings] to enter the android settings.
3. Click [System] to enter the system settings.
4. Click [Reset options] to Select the data to be reset.
Remarks: All data will be cleared after reset.

Wifi Hospost Settings



1. Press [△] on the panel to enter the homepage.
2. Click [Settings] to enter the setting interface.
3. Click [Mobile network] to enter the open mobile network.

Other Settings



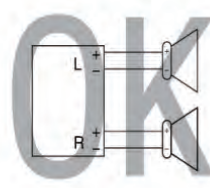
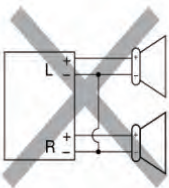
1. Press [△] on the panel to enter the homepage.
 2. Click [Settings] to enter the setting interface.
- Other settings: include Navigation app settings, Accessibility floating button, Driving video forbidden, Headlamp detect, date.

TROUBLESHOOTING

Problem	Cause	Correct action
Can not power on	Check fuse	Change fuse same as the old one
	Some factors cause MPU wrong operation	Press RET button on the panel by penpoint, then, power on
Radio reception is not good	Weak signal	Move the car to another place, then research
GPS signal is weak		
4G signal is poor		
Can not watch image during driving	It's not allowed to watch image during driving	Park the car in a safe place, put the car stall in "P" position, pull up the hand brake, parking brake wire must be grounded.
Slow response	Not enough storage space	Uninstall APK or clear FLASH space
	Open too many APP	Click [O] in the upper left corner to close some apps

PRECAUTIONS ON POWER SUPPLY AND SPEAKER CONNECTIONS:

- 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: 42mm
Operating Temperature: -10°C - +60°C
Storage Temperature: -20°C - +70°C
Net Weight: 9", 748g / 10", 851g

System

Operating system: Android 9. 0
DDR : 2GB or 4GB
Flash : 32GB or 64GB

Radio

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

Bluetooth

Communication System: BT4.0+EDR
Output: BT Standard Power 2 Class
Max Communication Range: 5m
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: 9.0" / 10.1"
Display Resolution: 1280x720
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

DSD/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.



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