Nakamichi

# NAM5721-CR

## User Manual

# 12.3 " AV RECEIVER

# CATALOGUE


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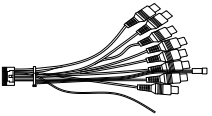
# ACCESS LIST

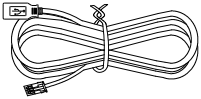
Please check the following accessories after opening the package.

WIFI/BT Creama Cable x1

20P RCA Cable x1



6P-USB Cable x1



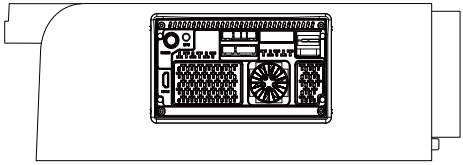
4P Original car USB x1

User Manual x1

GPS Antenna x1

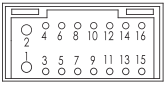
Power Cable x1

# CABLE CONNECTION



A--Power D--4P USB
B--AV E--6P USB
C--Can bus F--Camera
G--360 degree panoramic video

**A**




| A:Power | | |
|---|---|---|
| **Label** | **Color** | **Name** |
| 1. BATT+ | Yellow | Battery Wire |
| 2. GND | Black | Ground Wire |
| 3. ILLUMI | Orange | Lamp Control Wire |
| 4. ACC | Red | Lgnition Wire |
| 5. KEY2 | Brown/Black | Steering Wheel Control Wire 2 |
| 6. REVERSE | Pink | Reverse Wire |
| 7. P.ANT | Blue | Automatic Antenna |
| 8. KEY1 | Orange/Black | Steering Wheel Control Wire 1 |
| 9. RL- | Green/Black | Rear Left Speaker- |
| 10. FR- | Gray/Black | Front Right Speaker- |
| 11. RL+ | Green | Rear Left Speaker+ |
| 12. FR+ | Gray | Front Right Speaker+ |
| 13. RR+ | Purple | Rear Right Speaker+ |
| 14. FL- | White/Black | Front Left Speaker- |
| 15. RR- | Purple/Black | Rear Right Speaker- |
| 16. FL+ | White | Front Left Speaker+ |

| C:Can-bus | | | |
|---|---|---|---|
| **Pin** | **Name** | **Pin** | **Name** |
| 1 | GND | 5 | NC |
| 2 | NC | 6 | NC |
| 3 | NC | 7 | NC |
| 4 | CAN_TX | 8 | CAN_RX |

| D:4P USB | | | |
|---|---|---|---|
| **Pin** | **Name** | **Pin** | **Name** |
| 1 | USB_5V | 3 | USB_DP0 |
| 2 | GND | 4 | USB_DM0 |

| F:Camera Input | | |
|---|---|---|
| **Label** | **Color** | **Name** |
| BRAKE | Blue | Wifi Antenna |
| B.CAMERA | Pink | Brake Detection wire |
| | Yellow | Back Camera Input |
| | Blue | Bluetooth Antenna |
| | Pink | Handbrake control cable |

| G: 360 degree panoramic video | | | |
|---|---|---|---|
| **Number Series** | **Name** | **Number Series** | **Name** |
| 1 | +5V | 7 | +5V |
| 2 | Camera left | 8 | GND |
| 3 | Back camera | 9 | GND |
| 4 | Camera right | 10 | GND |
| 5 | Front camera | 11 | GND |
| 6 | Check right camera | 12 | Control left camera |

| E:6P USB | | | |
|---|---|---|---|
| **Pin** | **Name** | **Pin** | **Name** |
| 1 | USB_5V | 4 | USB_DP1 |
| 2 | GND | 5 | USB_DM1 |
| 3 | NC | 6 | NC |

| B:Input/Output | | | | | |
|---|---|---|---|---|---|
| **Pin** | **Definition** | **Describe** | **Pin** | **Definition** | **Describe** |
| 1 | P.CON/Fan power supply | External amplifier control line/Fan power supply | 11 | GND | Audio line output ground |
| 2 | AUX IN R | AUX audio right channel input | 12 | AUDIO OUT FL | Left channel before audio line output |
| 3 | AUX IN L | AUX audio left channel input | 13 | AUDIO OUT FR | Audio line output front right channel |
| 4 | AUDIO OUT RL | Left channel after audio line output | 14 | GND | grounds |
| 5 | AUDIO OUT RR | Right channel after audio line output | 15 | GND | grounds |
| 6 | NG | NG | 16 | GND | grounds |
| 7 | NG | NG | 17 | NG | NG |
| 8 | NG | NG | 18 | SUB | Sub-woofer OUT |
| 9 | NG | NG | 19 | AUX CVBS | AUX video input |
| 10 | REAR MIC- | Rear external MIC input- | 20 | REAR MIC+ | Side twist external MIC input+ |

# PANEL OPERATION

| Function | Operations & Controls |
|---|---|
| 1. MIC | Invalid, please use external microphone. |
| 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:<br>Press to Mute.<br>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. |

# HOME MENU

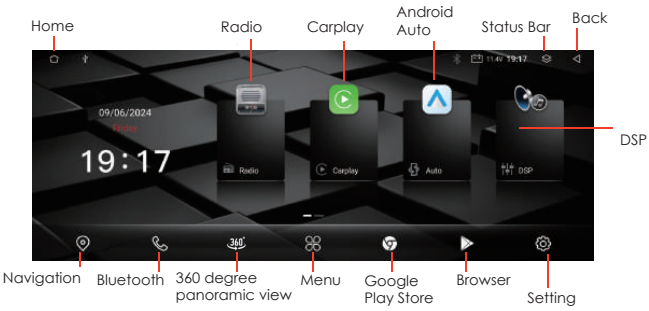
Upon booting, the unit will enter to home menu, as shown below.

## THE FUNCTIONS ARE AS FOLLOWS:

- Click to enter menu interface.
- Click to enter Radio interface.
- Click to enter Android Auto
- Click to enter Dsp adjustment.
- Click to enter car settings interface
- Click to enter the 360 panoramic interface
- Click to enter Carplay
- Click to enter maps interface.
- Click to enter Bluetooth interface.
- Click to enter the browser
- Click to enter Google Play Store

Factory user password: 8888, factory setup password: 1948,
360 panoramic password: 4321, factory reset password: 7890
(please operate with caution, if returned to
factory settings, appropriate software will be cleaned)

## MAIN MENU




## MENU DROP-DOWN

Middle area:
WiFi: Short press the switch,long press the selection.
Bluetooth: Click to quickly enter the Bluetooth interface
Mobile data: Long press to enter the SIM card settings interface
Restart: Click to restart the car machine
Left area:
Brightness: Swipe up and down to achieve brightness adjustment Volume: Swipe up and down to adjust the volume Right area:Car settings: Click to enter the car settings interface
Suspension: Click to open the suspension ball function Screenshot: Click to take a screenshot of the current interface and save it to the file manager Equalizer: Click to enter the sound effect adjustment interface Clean memory: Click to close all running applications
Menu: Click to bring up a pop-up menu that includes themes, management applications, and settings

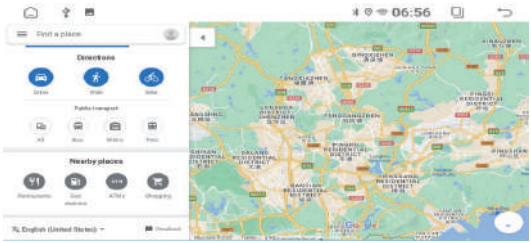
## DESKTOP

Time: Click to enter the time adjustment interface

Shortcut icon: Clickto enter the application interface.

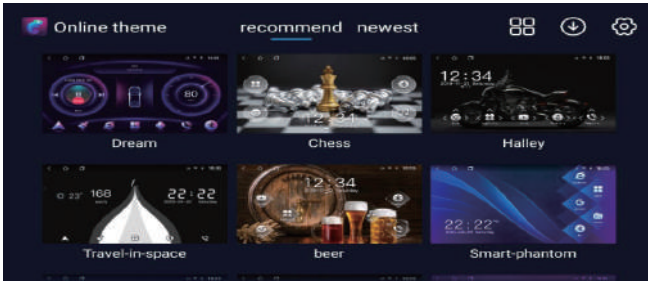
Shortcut icon: Click toenter the application interface, long pressto edit

## NAVIGATION

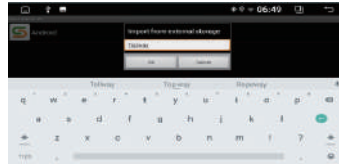



The icon enters the navigation interfaceIntelligent route planning, voice search easyquery route. Precision Navigation, real-time roadconditions, avoiding congestion, indoor and outdoor planningDirect to destination. Offline maps, off-line navigation data for cities acrossthe country Packages are free to download andenjoy accurate data while saving 90 percentFlow. Wonderful nearby consultation, take you around a good place.

# VERSATIL THEME



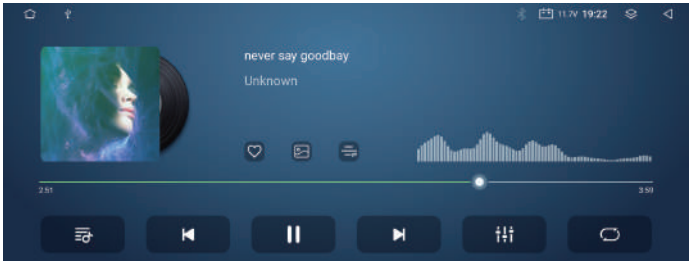

The icon enters the theme interface Creative personality theme, make your car different; dynamic screen saver ,100 Change theme, popular film and television, popular beauty girl, animation quadratic element, each The style is your choice. A variety of personality themes continue to update, always one Suitable for you! 01. Topics are divided into online and local. [My] Directory looks at local topics. 02. Select topics according to time or popularity. 03. Free local exchange activity theme based on exchange code.



Connect the USB device containing the boot animation to the USB/SD of the box ->Open the [Boot Animation] application ->Drop down menu ->Click menu button ->Enter password, and the animation package in the USB device will automatically synchronize

This device comes with two animation package options. Animation setting steps: Animation name--click [OK] in the pop-up box. After setting, slide down the drop-down menu and restart the car to view it.

# MUSIC




INand playback source: Connect to audio USB drive/SD card device - Application menu - Open [File Manager] - Check the audio file and click [Copy] - Switch to "Local" - "iNand" folder - Click Paste to restart the car.

Favorite Song List

Playlist path

Change wallpaper

Click on the EQ function to adjust

Lyrics and Spectrum Display Switching

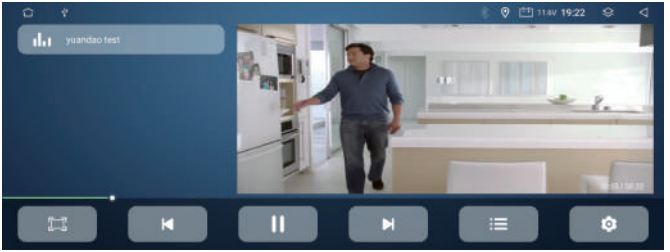
Switch to previous track

Pause/Resume Playback

Switch to Next Song

List loop, single loop, shuffle

# VIDEO




The video player can recognize all video resources from both internal and external storage of the machine,Supports playing multiple common video formats and high-definition video playback.

Video zoom in/out

Switch to the previous song

Switch to the previous song

PlayList

Play paused songs

Video Settings

# RADIO

The radio station that is supported by the radio search is stored in the P1-P6 (FM 87.5~108.0 MHz) cell of FM1-FM2 (or AM 530~1710KHz) for display; Slide to browse and store radio stations.

Mobile on the radio channel

Move under the radio channel

Radio Wallpaper Selection

Radio setting function

Switch to an upward broadcasting station

Switch to a downward broadcasting station

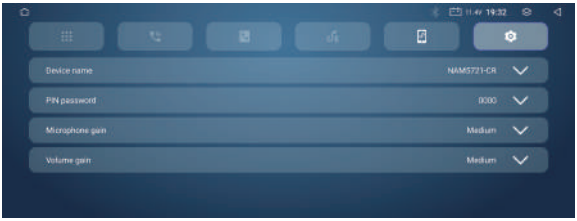
Radio band selection

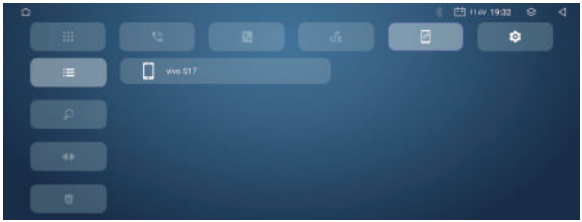
Search for radio channels

Switching between longwave and shortwave radio stations

EQ adjustment function

# BLUETOOTH




Bluetooth connection operation steps: Open the phone's Bluetooth - click the pairing button below - search button - select the pairing device name (NAM5721-CR) - the phone pops up a Bluetooth pairing request and clicks pairing - a connection icon appears after the device name to prove successful connection

Bluetooth dial-up keyboard display

Bluetooth dialing record

Bluetooth Phone Book

Bluetooth music

Bluetooth link

Bluetooth link list

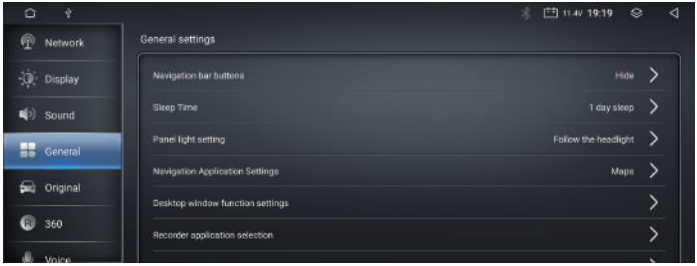
Bluetooth Search

Link success and unlinked display

Delete link record

Bluetooth function settings

# CAR SETTINGS




**Network:** WiFi, mobile network, more network settings

**Display:** brightness, font, background, wallpaper, etc

**Sound:** priority, ringtone, sound settings, mixing settings

**Universal:** navigation bar, sleep failure, panel lights, navigation applications, recorders, etc

**Original:** display settings for external temperature, air conditioning, doors, etc

**Reverse:** mirror, radar, trajectory line, ruler line, camera system, reverse volume, etc

**Voice:** mode selection, voice software selection

**Personal:** including account, language selection, input method settings, and selection of mobile internet applications

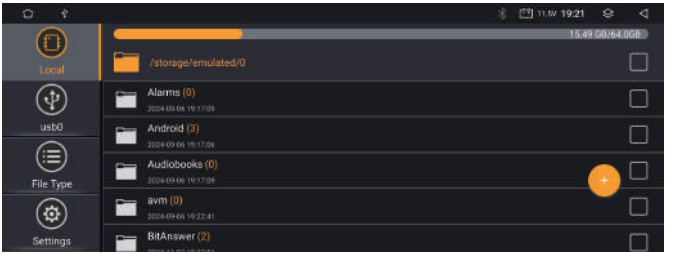
**System:** MCU upgrade, system upgrade, developer options, restoring factory settings, etc

**Factory:** Enter a special password to enter factory settings

**More:** Enter the native Android system settings interface

**About:** including platform and hardware information, storage information, and system information

# FILE MANAGER




All files in the machine can be viewed and operated on in the file manager, and the left side of the page allows selection The file directory for. If you need to copy or move a file, simply select the file you want to operate on, and the bottom will display A row of operation buttons will appear, select mthe file directory that needs to be stored, and then click the operation button

File management operation steps:

1. Check the files to be managed
2. The management option pops up at the bottom as shown in the following figure
3. If copying or cutting, you can perform the paste operation in another folder
4. When not checked, any file can be created by clicking on the bottom right corner and creating a new file or folder

Wired CARPLAY link steps: 1. Open CARPLAY function;

2. Connect your phone and car stereo using a USB cable;

3. CARPLAY will automatically detect and link. Wireless CARPL

AY connection steps:

1. Ensure that the phone is connected to the car's Bluetooth;

2. Open Carplay function, the car mounted device automatically detects the link and displays "Linking in Progress";

3. Confirm the phone pop-up box for 'Use Carplay Car'.

Mirror screen mirroring wired link steps:

1. Turn on the mirror screen mirroring function;

2. Connect your phone and car stereo using a USB cable;

3. Download the "Zhijia" APK software and link it to the car's Bluetooth;

Automatically detect and link. Mirror screen projection wireless link steps:

1. Ensure that the phone is connected to the car's Bluetooth;

2. Connect the car to the mobile WIFI hotspot;

3. Download the APK software and it will automatically detect and link.

Mirror screen mirroring wired link steps:

1. Turn on the mirror screen mirroring function;
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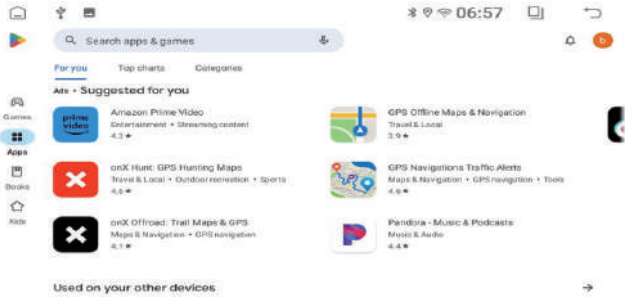
3. Download the "Zhijia" APK software and link it to the car's Bluetooth;

Automatically detect and link. Mirror screen projection wireless link steps:

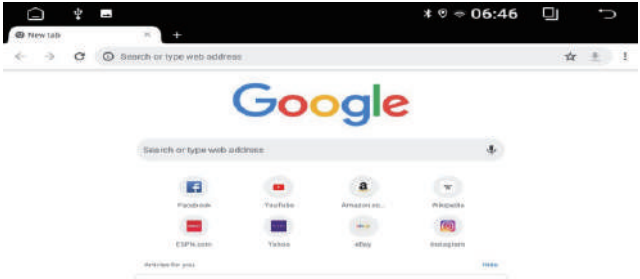
1. Ensure that the phone is connected to the car's Bluetooth;
2. Connect the car to the mobile WIFI hotspot;
3. Download the APK software and it will automatically detect and link.

# PLAY STORE




A web browser developed by Google. This browser is based on other open source software, including WebKit and Mozilla, with the goal of improving stability, speed, and security, and creating a simple and efficient user interface. The name of the software comes from the graphical user interface (GUI) of a web browser, also known as "Chrome" Chrome uses a "new tab" to replace the homepage that other browsers load when opening a new tab. The new tab page defaults to displaying thumbnails of the last eight visited websites, as well as the most frequently searched websites, recent bookmarks, and recently closed pages.

# CHROME




It is the official app store for the device Running the Android operating system, allowing for User browsing, downloading, and usage Application.
It is also a digital media store Android operating system. It contains Services i nclude Google Play Books, Google Play games, Google plays movies and TV Google plays music and allows users to browse Download e-books, music, games, and video applications, etc

# 360 DEGREE PANORAMA SETTING

360 is a parking assistance system that integrates a 360 degree panoramic view of the surroundings of a car through a display screen, with an ultra wide viewing angle and seamless splicing of timely image information, to understand blind spots around the vehicle and help drivers park their vehicles more intuitively and safely

1. Main interface 3D surround: The front view is displayed in full screen, and manual clicking can rotate the viewing angle. When the car starts and is powered on, the car will automatically switch to 360 degree panoramic mode
2. Front view: can switch back and forth between the original view, top view, and corrected view
3. Rear view: can switch back and forth between the original view, top view, and corrected view
4. Left view: Display the image of the left camera
5. Right view: Display the image of the right camera
6. Narrow channel mode: can switch back and forth between the front narrow channel view and the full narrow channel view

# SPECIFICATION

**General**
Operation Voltage: 14.4V(10.5-16V)
Installation Size: Thickness: 42mm
Operating Temperature: -10C- +60 ℃
Storage Temperature: -20℃ - +70° ℃
Net Weight:1.4kg

**System**
Operating system: 13
DDR:4GB
Flash : 64GB

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

**Bluetooth**
Communication System: BT4.2+EDR
Output: BT Standard Power 2 Class
Max Communication Range: 5m
Frequency Band: 5.4GHz

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

**Audio**
Max Power: 4X50W
Front Output(V): 1V/10KΩ
Pre-output impedance: ≤600Ω
Speakers impedance: 4-8Ω

**TFT Screen Item**
Size: 12.3"
Display Resolution: 1920x720
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**

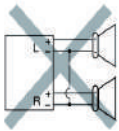
Specification and design; functions and features; unit illumination; colour anddisplay segment are subject to change without prior notice.Photos and drawings on gift box or operation manual might be varied from the exact unit.Depends on the input devices operation might be varied from the operationmanual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

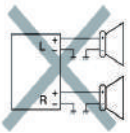
## COMMON TROUBLESHOOTING GUIDELINES

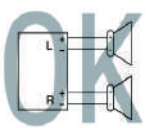
| Problem | Cause | Correct action |
|---|---|---|
| Can not power on | Check fuse | Change fuse same as the old one Maximum current of fuse: 15A |
| | Some factors cause MPU wrong operation | Press RESET button on the panel by penpoint, then, power on |
| After ignition swith off, setting information all lose | Change battery or fuse | Reset information and save |
| Poor performance of radio station | Weak signal | Move the car to another location, then research |

## 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.



SCAN OUR QR CODE OR VISIT WWW.NAKAMICHICARAUDIO.COM
FOR COMPLETE AUDIO SETTINGS INSTRUCTIONS
nakamichi.global nakamichi.caraudio