



NAM5200-A7

User Manual



7" AV RECEIVER

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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 while 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

- Android operating system
- 1024x600 HD screen
- 500 lumens LCD display
- 32G large storage space
- 2.5D G+G capacitive screen
- Support ios Phone Mirrorlink
- Support Android Phone Mirrorlink
- Support camera reversing
- Support Loudness sound effect
- Support 1080P Video Playback
- Support APK download, install and uninstall
- Built-in Bluetooth,Support A2DP
- Support Bluetooth Music Playback
- High sensitivity FM receiver
- Maximum power 4x50W
- Built-in 10 band EQ
- Built-in 6 sound effects
- Support USB Playback
- Support USB DVR
- Support WiFi
- Built-in GPS

FRONT PANEL



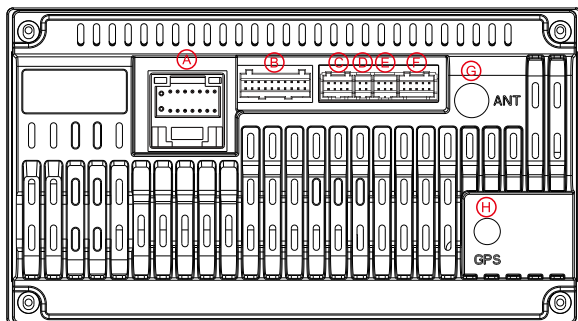
Function

1. MIC
2. RST
3. Power 
4. Home 
5. Return 
6. Volume 
7. Volume 

Operations & Controls

- Microphone: Voice receiving position
- Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
- In the power-on state:
Press to Mute.
Press and hold for more than 5 seconds to turn off the screen.
- Press to enter main menu.
- Press to back to previous.
- Short press to increase volume.
- Short press to decrease volume.

WIRING CONNECTION



Interface

- A: Power Supply
- B: RCA Cable
- C: Can Interface
- D: 4P USB
- E: 6P USB
- F: Camera Input
- G: Radio Antenna
- H: GPS Antenna

A-Power Supply

Color	Name
Black	Ground Wire
Yellow	Battery Wire
Red	Lanition Wire
Orange	Lamp Control Wire
Brown	Reverse Wire
White	Steering Wheel Control Wire 1
Green/White	Steering Wheel Control Wire 2
Blue	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-RCA Cable

Label	Color	Name
VIDEO OUT	Yellow	Video Output
VIDEO-IN-1	Yellow	Video Input
AUX R IN	Red	Audio Left Input
AUX L IN	White	Audio Right Input
R OUT	Red	Audio Right Output
L OUT	White	Audio Left Output
SUBWOOFER	Green	Subwoofer Output
AMP CONT	Blue	Amplifier Control

F-Camera Input

Label	Color	Name
CAMERA	Yellow	Reversing Camera Input
BRAKE	Yellow	Brake Wire

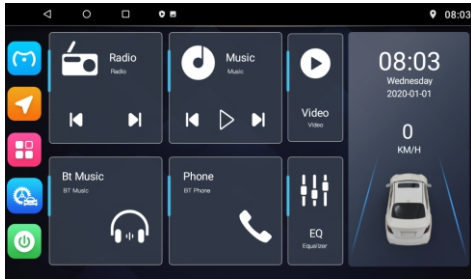
ACCESSORY LIST









1. 16P to ISO Cable	1 pc	6. 6P USB Cable	1 pc
2. GPS Antenna	1 pc	7. User Manual	1 pc
3. Camera Cable	1 pc	8. Mounting brackets	2 pcs
4. RCA Cable	1 pc	9. Screws 5x8	4 pcs
5. 4P USB Cable	1 pc		

FUNCTIONS APPLICATION

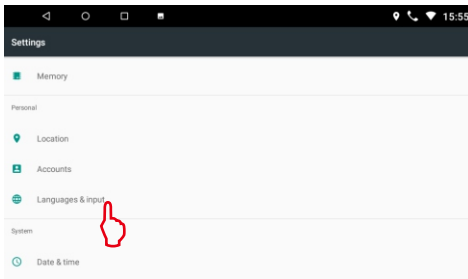
Home Page Operation




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



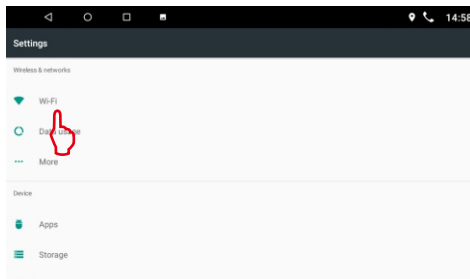
-  Click to Phonelink
-  Click to GPS
-  Click to secondary interface
-  Click to Car Setting
-  Click to black screen
-  Click to return
-  Click to home
-  Click to close applications




Language selection



1. Press [] to enter the homepage.
2. Click [] to enter the secondary interface.
3. Click [] to enter system settings.
4. Click to [Language And Input].
5. Click to [Language].
6. Select the corresponding language.

WIFI Connection



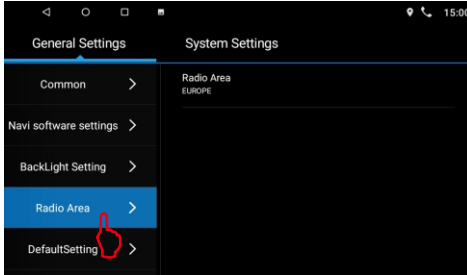
1. Press [] to enter the homepage.
2. Click [] to enter the secondary interface.
3. Click [] to enter system settings.
4. Click [Wi-Fi] to Select WLAN.
5. Select the desired network to connect.
6. Enter the password.

Remarks:

After the WiFi connection is successful, the [] will be displayed in the upper right corner

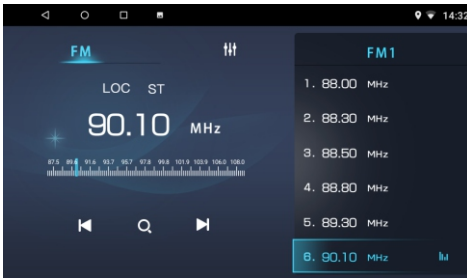
FUNCTIONS APPLICATION

Radio area selection



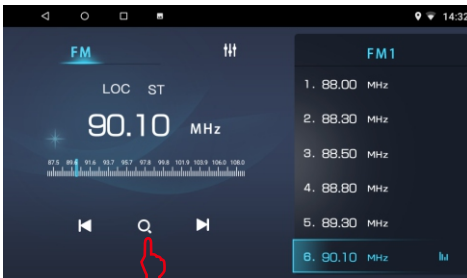
1. Press [] to enter the homepage.
2. Click [] to enter the car settings.
3. Press [Radio Area] to enter the corresponding radio area.

Radio Interface



- FM1/FM2/FM3 band switch
- LOC/DX/LOC Switch
- Stereo switch
- Previous station
- Automatically Search
- Next station

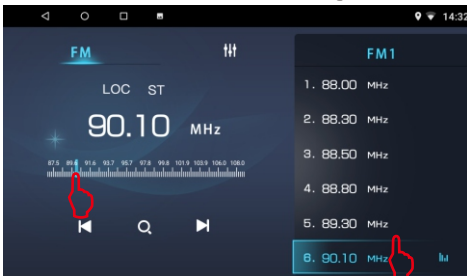
Automatically Search



1. Press [] to enter the homepage.
2. Click [Radio] to enter the radio interface.
3. Click [] to enter the automatically search.

Remarks:
The radio stations that have been searched will be automatically saved to the number list below.

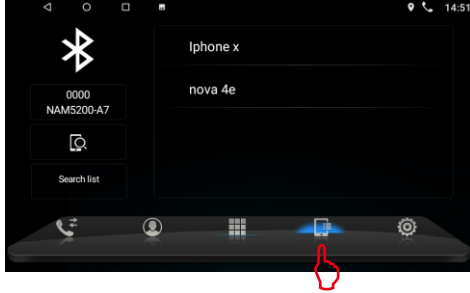
Manual Search And Storage





1. Press [] to enter the homepage.
2. Click [Radio] to enter the radio interface.
3. Drag the progress bar to select the desired station
4. After searching for your favorite radio station, press the number list on the right to store it.

FUNCTIONS APPLICATION

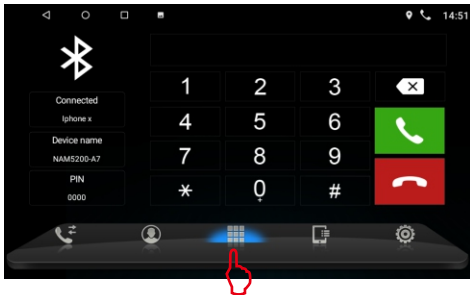
Bluetooth Pairing





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

1. Press [] to enter the homepage.
2. Click [Phone] to enter the bluetooth.
3. Click [] to enter the bluetooth pair interface.
4. Turn on the phone's Bluetooth to search:
Bluetooth is device is: NAMS200-A7.
Pairing password is: 0000

Bluetooth Call



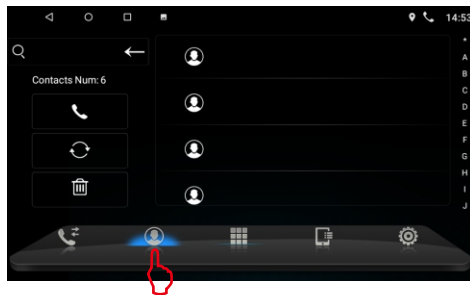
1. Press [] to enter the homepage.
2. Click [Phone] to enter the bluetooth.
3. Click [] to enter the bluetooth call interface.



 Backspace

 Answer

 Hang up

Phone Book



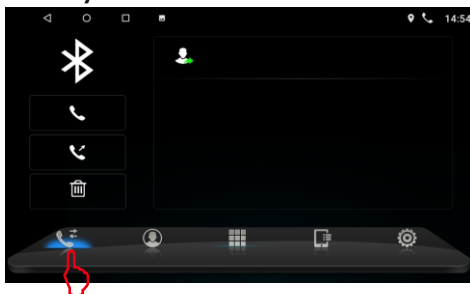
1. Press [] to enter the homepage.
2. Click [Phone] to enter the bluetooth.
3. Click [] to enter the phone book interface.



 Call

 Update phone book

 Delete

History Call Record



1. Press [] to enter the homepage.
2. Click [Phone] to enter the bluetooth.
3. Click [] to enter the history call record interface.

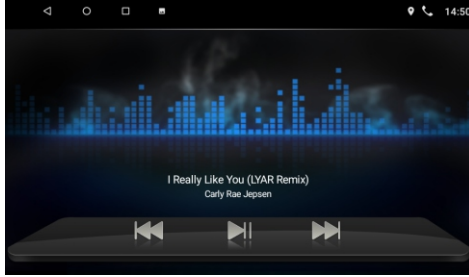
 Call

 Call\Incoming \ Missed

 Delete

FUNCTIONS APPLICATION

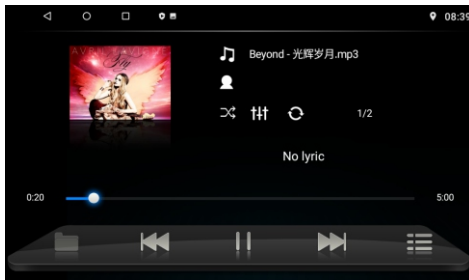
Bluetooth Music Playback



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

- Previous track
- Play/Pause
- Next track

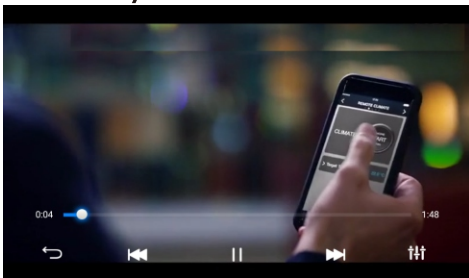
Music Playback



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

- Repeat playback
- EQ settings
- Update track
- Previous track
- Play/Pause
- Next track
- Playlist

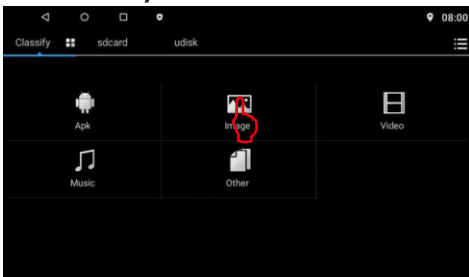
Video Playback



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

- Back to playlist
- Previous video
- Play/Pause
- Next video
- EQ settings

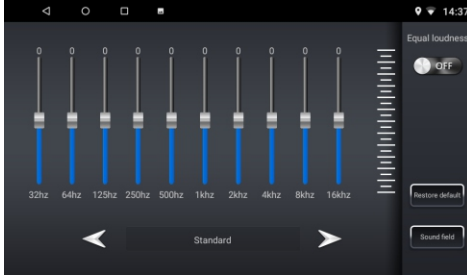
Picture Playback



1. Press [] to enter the homepage.
2. Click [] to enter the secondary interface.
3. Click [File Explorer] to enter the file management.
4. Click [Image] to enter the picture playback.

FUNCTIONS APPLICATION

EQ Adjustment



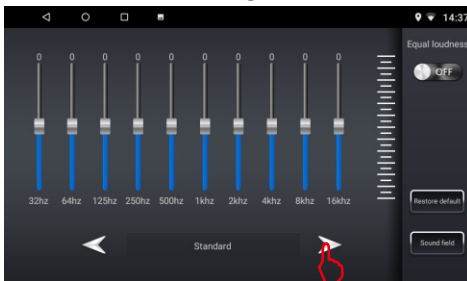
1. Press [⬆] to enter the homepage.
2. Click [🎚] to enter the EQ interface.
3. Select the audio gain that needs to be set.

Loudness settings



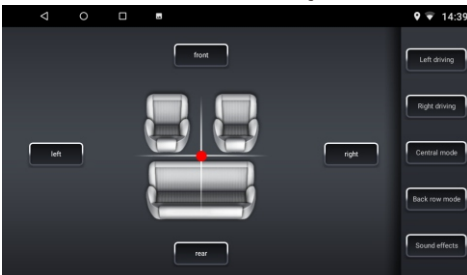
1. Press [⬆] to enter the homepage.
2. Click [🎚] to enter the EQ interface.
3. Click [Equal loudness] to [ON].

Sound effect settings



1. Press [⬆] to enter the homepage.
2. Click [🎚] to enter the EQ interface.
3. Select the sound effect you want.

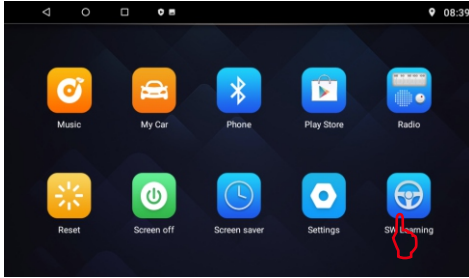
Fader and Banance Adjustment



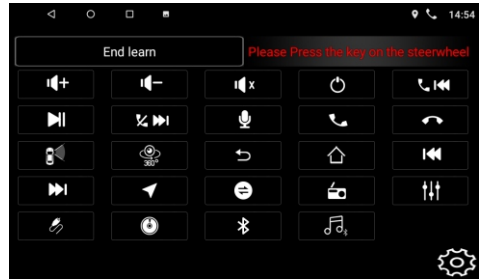
1. Press [⬆] to enter the homepage.
2. Click [🎚] to enter the EQ interface.
3. Click [Field] to enter the fader and banance adjustment settings.

FUNCTIONS APPLICATION

Steering Wheel Learning

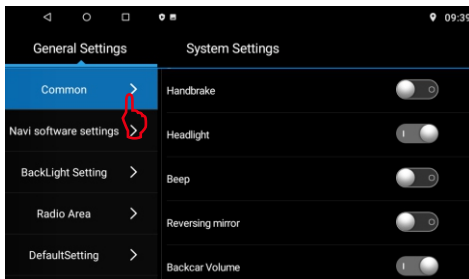


1. Press [Home] to enter the homepage.
2. Click [Navi] to enter the Secondary interface.
3. Click [SW Learning] to enter the steering wheel setting.
4. Press the button of the steering wheel

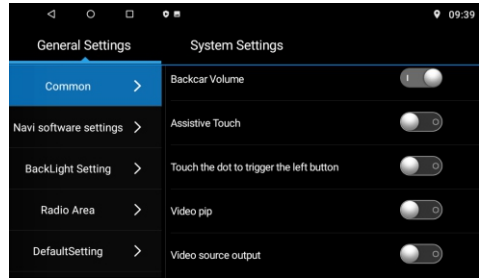


5. Click the required button function on the screen. (Cyan is displayed on the left after successful learning).
6. Click [End learn] to save.

General Settings

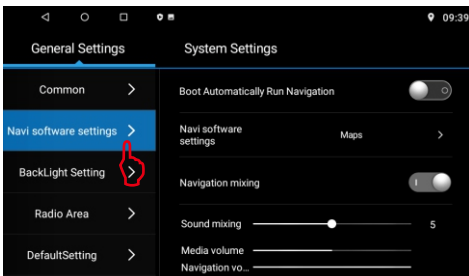


1. Press [Home] to enter the homepage.
2. Press [Navi] to enter the car settings
3. Click [Common] to the common settings
 ON OFF



Common settings include:
Handbrake, Headlight, Beep, Reversing mirror, Backcar Volume, Assistive Touch, Video pip settings.

Navigation volume settings

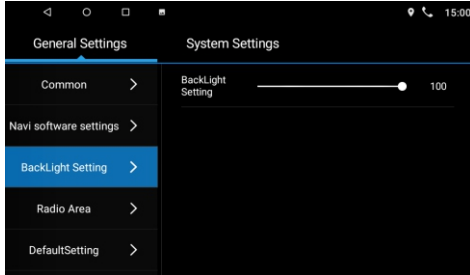


1. Press [Home] to enter the homepage.
2. Press [Navi] to enter the car settings
3. Click [Navi software settings] to enter the navigation software settings.

ON OFF

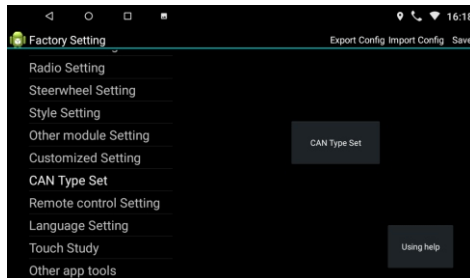
FUNCTIONS APPLICATION

Backlight Settings



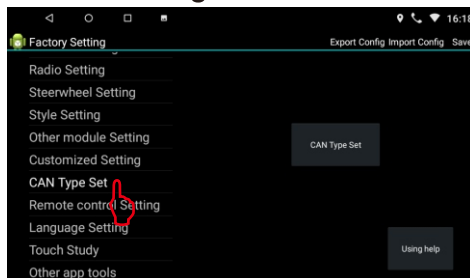
1. Press [⏠] to enter the homepage.
2. Click [🚗] to enter the car settings
3. Click [BackLight Setting] to enter the backlight settings.

Wallpaper Settings



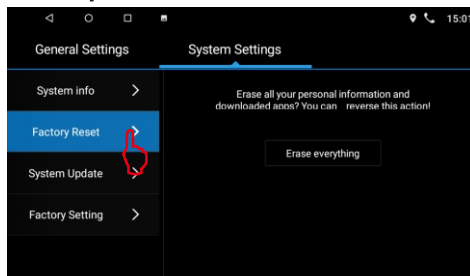
1. Press [⏠] to enter the homepage.
2. Click [🏠] to enter the Secondary interface.
3. Click [Wallpaper] to enter the wallpaper settings.
4. Select wallpaper, click to set [wallpaper].

Can bus Settings



1. Press [⏠] to enter the homepage.
2. Click [🚗] to enter the car settings
3. Click [System Settings] to enter the system settings.
4. Click [Factory Setting]to enter the factory mode setting. Password is:16176699
5. Click [CAN Type Set] to enter the car model selection.

Factory Reset



1. Press [⏠] to enter the homepage.
2. Click [🚗] to enter the car settings
3. Click [System Settings] to enter the system settings.
4. Click [Factory Reset]to enter the factory reset. Password is:1234

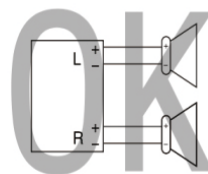
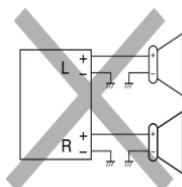
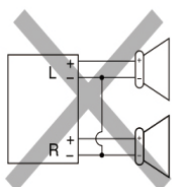
Remarks: All data will be cleared after reset.

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		
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:500g

System

Operating system: Android Nk 9. 0
DDR : 1GB or 2GB
Flash : 16GB or 32GB

Radio

FM Frequency Range: 87.5-108.0MHZ

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: 7"
Display Resolution: 1024x600
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.



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FOR COMPLETE AUDIO SETTINGS INSTRUCTIONS

 nakamichi.global  nakamichi.caraudio

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