Nakamichi

NAM3305
User Manual

7" 2-DIN AV RECEIVER

CONTENTS

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

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

❗ Be sure to disconnect the cable from the negative batt -ery terminal wile installation.

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

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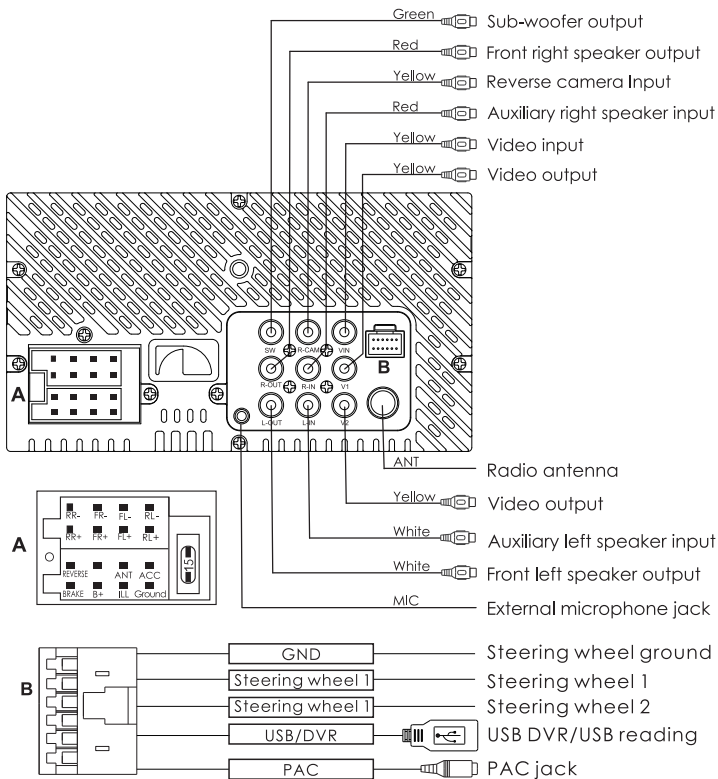
FEATURES

- 2-Din receiver with capacitive panel
- 7-inch high-brightness and wide angle screen
- Support USB DVR
- Support Dual USB
- Support AHD Camera
- Support iOS phone mirrorlink
- Support android phone mirrorlink
- Built-DSP,support HPF,LPF
- Support Virtual bass
- Support time alignment
- Built-in 16 band EQ,Preset 7 sound effects
- Support lossless music
- Support 1080P video playback
- Support MP3/WMA/AAC/FLAC audio playback
- Support H264/WMV/DIVX/FLV video playback
- Built-in Bluetooth
- Support Bluetooth music playback
- Built-in multi-color lights
- Support subwoofer output
- Support subwoofer volume control
- 2 Video output
- 2 Audio output
- 4V Pre-output
- 3V Subwoofer output
- 1 Video input,2 Audio input
- Built-in PAC jack
- Maximum power:4x50W
- Support extermal microphone
- High sensitivity FM/AM, support RDS
- Support steering wheel button learning

ACCESSORY LIST

1. Power cable ----------------1 PC
2. Remote controller ----------1 PC
3. User manual ----------------1 PC

4. Metal Card holder-----------1 PC
5. Screw:5x8-------------------8PCS
6. 12P Expansion ————— 1 PC

WIRING DIAGRAM

Green — Sub-woofer output
Red — Front right speaker output
Yellow — Reverse camera Input
Red — Auxiliary right speaker input
Yellow — Video input
Yellow — Video output

SW   R-CAM   VIN
R-OUT   R-IN   V1
L-OUT   L-IN   VO

A   **B**

ANT — Radio antenna
Yellow — Video output
White — Auxiliary left speaker input
White — Front left speaker output
MIC — External microphone jack

A

RR-   FR-   FL-   RL-
RR+   FR+   FL+   RL+
REVERSE   ANT   ACC
BRAKE   B+   ILL   Ground
15A

B

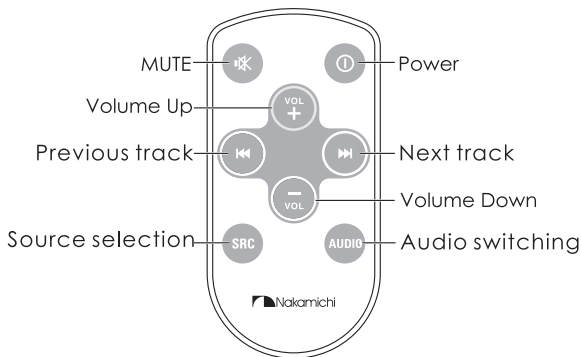| GND | Steering wheel ground |
Steering wheel 1	Steering wheel 1
Steering wheel 1	Steering wheel 2
USB/DVR	USB DVR/USB reading
PAC	PAC jack

PANEL OPERATION

1. Microphone:Voice receiving position

2. Remote control windows

3. Volume up

4. Volume down

5. Power

6. Home page

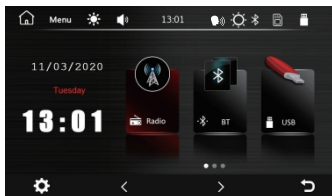7. Back to previous

8. Reset Key

9. USB interface

REMOTE CONTROL OPERATION

MUTE

Power

Volume Up

Previous track

Next track

Volume Down

Source selection

Audio switching

HOME PAGE OPERATION

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

LCD Brightness setting	Radio
Current volume	Bluetooth
Current time	USB playback
Voice operation	SD Card playback
Bluetooth connected	Phone Mirrorlink
SD card inserted	Aux input
USB inserted	DSP setting
Setting	Setup
Page	Steering wheel learning
Return	

RADIO OPERATION

Radio Interface

◄◄ Backward
►► Forward
𝕤 Band selection
🔍 Automatic search
🔊 Stereo switch
🔊 DX/LOC switch
⊕ Frequency input
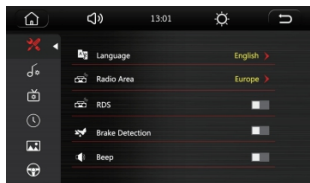🎚 DSP setting

Radio Area Selection
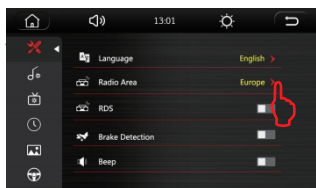
1. Press [☐] to enter the homepage.
2. Click [⚙] to enter setting interface.
3. Click [✖] to select [Radio Area].
4. Select the corresponding radio area.

Automatic Search

Press and hold the [🔍]for more than 2 seconds,the radio stations that have been searched will be automatically saved the number list below.

Rds Function

1. Press [☐] to enter the homepage.
2. Click [⚙] to enter setting interface.
3. Click [✖] to select [RDS]open.
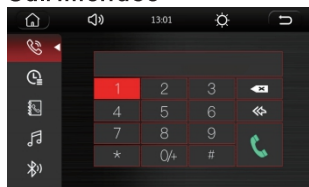
BLUETOOTH OPERATION

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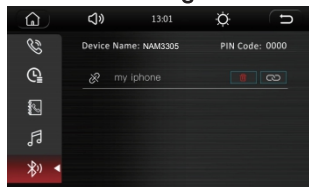
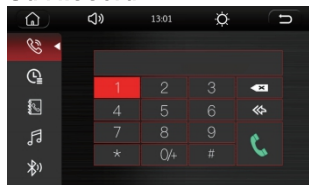The first time pair mobile phone with AV receiver, please follow below steps:

1. Press [ ] to enter the homepage.
2. Click [BT] to enter the Bluetooth interface.
3. Click [ ] to enter the Bluetooth pairing.
4. Turn on the phone's Bluetooth to search: Bluetooth device: NAM3305.
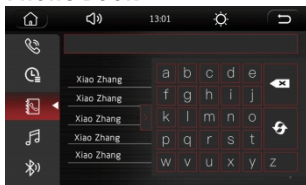
Call Interface

- Dialpad
- History call record
- Phone book
- Bluetooth Music
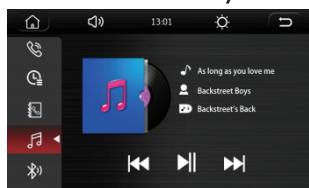- Bluetooth Pairing
- Backspace
- Delete
- Answer

Call Record

Phone Book

Bluetooth Music Playback

1. Press [ ] to enter the homepage.
2. Click [BT] to enter the Bluetooth interface.
3. Click [ ] to enter the bluetooth music playback.

Previous track   Play/Pause

Next track

PHONE MIRROR LINK OPERATION

Remarks:

1. Before the mirrorlink operation, the Bluetooth must be paired and con-nected. When the Bluetooth is not connected, there will be no sound.

2. Only the front USB supports miorrlink.

1. Press [□] to enter the homepage.

2. Click [Autolink] to enter the phone mirrorlink interface.
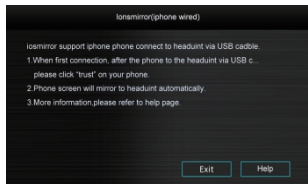
Mirrorlink Interface

Android Phone Mirrorlink

1. Click [🤖] to enter the android phone mirrorlink

2. Scan QR code to download the Autolink APP (First connection)

3. Please connect the phone to the headunit via USB cable.

4. Please click trust on your phone.

Remark:

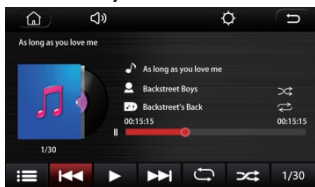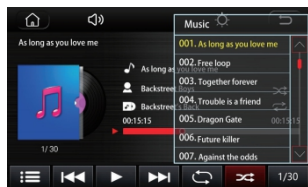Some mobile phones need to turn on the USB debugging mode.

Ios Phone Mirrorlink

1. Click [🍎] to enter the iOS phone mirrorlink

2. Please connect the phone to the head-unit via USB cable.

3. Please click trust on your phone.
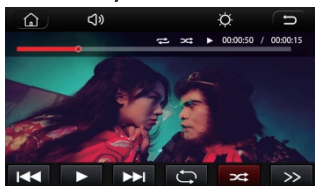
MULTIMEDIA OPERATION

Music Playback

▤ Playlist ▶ Play/Pause

◀◀ Previous track ▶▶ Next track
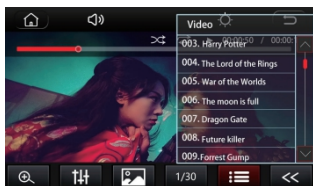
1/30 Currently playing track/total track

🔁 Repeat playback

⤬ Random playback

Video Playback

◀◀ Previous Video ▶ Play/Pause ▶▶ Next Video

🔁 Repeat playback ⤬ Random playback 🔍 Zoom in/zoom out

┼┼┼ DSP Settings 🖼 Brightness settings ▤ Playlist

1/30 Currently playing video/total video ≪ ≫ Page

Picture Playback

◀◀ Previous Picture ▶ Play/Pause ▶▶ Next Picture

🔍 Zoom in/zoom out ↻ Rotate 🔁 Repeat playback

⤬ Random playback ≪ ≫ Page

DSP SETTING

1. Press [□] to enter the homepage.
2. Click [DSP] to enter the DSP interface.
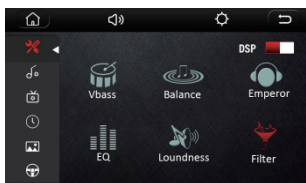
Vbass:virtual bass settings

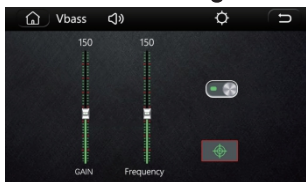**Balance**:Fader and banlance settings

Emperor:time alignment settings
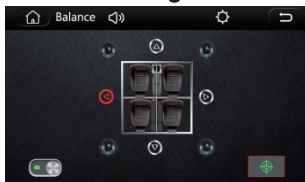
EQ:EQ and Sound effect settings

Loundness:Loundness settings

Filter:HPF and LPF filter settings
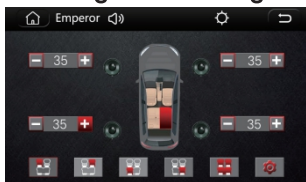
Virtual Bass Settings
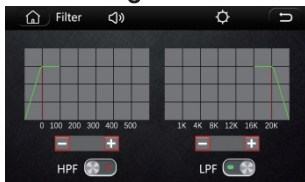

Balance Settings

Time Alignment Settings
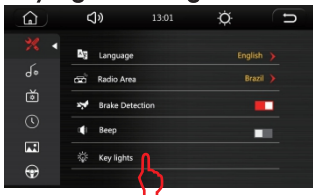

EQ And Sound Effect Settings

Loundness Settings

Filter Settings

SETTINGS

1. Press [▢] to enter the homepage.
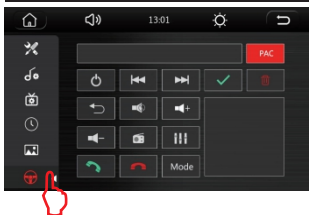2. Click [⚙] to enter setting interface.

Key Lights Settings

Dislay Settings

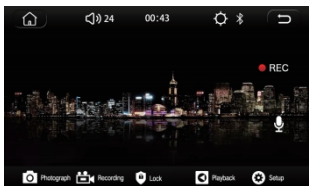
Steering Wheel Learning

1. Click [SWC] to enter the steering wheel learning interface.
2. Click [PAC], Display [SWC]
3. Press and hold the steering wheel control button for 3s.
4. Click the button function on the screen. The learning success button turns gray
5. Click [✓] to enter the save.

USB DVR

⊙ Photograph
📷 Start the video
🔒 Lock Video Files
◉ Video recording
⊙ Set up

| Cycle Time | Set recording time |

| Video Resolution | Resolution settings |

| Format Card | Formatted SD card |

Remarks:
NAM1710 only supports our specific DVR model.

TROUBLE SHOOTING

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.
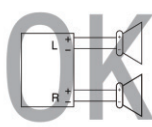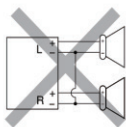
SPECIFICATION

General

Operation Voltage:
14.4V(10.5-16V)
Product Size:
178 x 100 x 70mm
Panel Installation Size:
178 x 100mm
170 x 96mm
Operationg temperature:
-10℃- +60℃
Storage Temperature:
-20℃- +70℃
Net Weight: 800g

TFT Screen Item

Size: 7"
Display Resolution: 800 x 480
Contrast ratio: 400
Brightness:400nit

Bluetooth

Communication System:
BT4.0+EDR
Frequency Band: 2.4GHz
Max Range: 5m

Audio

Max Power: 4x50w
Front Output(V): 4V/10KΩ
Pre-output impedance: ≤600Ω
Speakers impedance: 4-8Ω

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

USB Interface

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

Radio

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

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

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