Nakamichi

NAM3510-M7

User Manual

AV MEDIA 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 ave the work done.

Do not watch video or operate the unit while driving.

Do not install in location which may hide vehicle operation, such as steering wheel or gearshift or cover of airbag .

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

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

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 use specified accessory parts and install them securely.

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

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.

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.

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

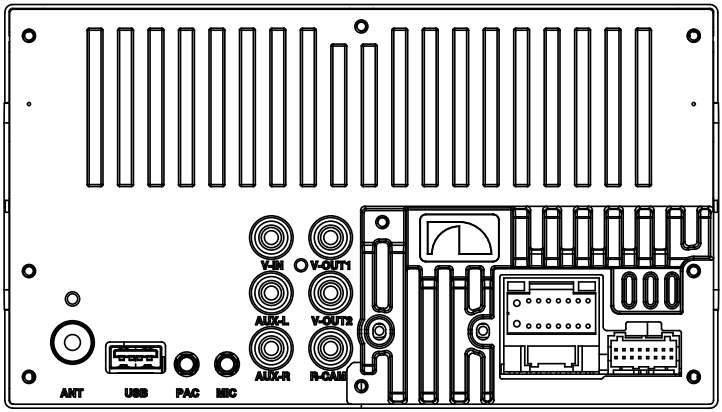
PRODUCT FEATURES

- 2-Din receiver with capacitive panel
- Support Carplay
- Support Android auto
- 7-inch high-brightness and wide angle screen
- Support Dual USB
- Support AHD Camera
- Built-in multi-color lights
- Built-in Bluetooth
- Support Bluetooth music playback
- Built-DSP
- Support time alignment
- Built-in 16 band EQ,Preset 9 sound effects
- Support lossless music
- Support 1080P video playback
- Support MP3/WMA/AAC/FLAC audio playback
- Support H264/WMV/DIVX/FLV video playback
- 2 Video output
- 4V Pre-output
- 3V Subwoofer output
- 4.1 Audio Channel Output
- 1 Video input,2 Audio input
- Support subwoofer output
- Support subwoofer volume control
- Built-in PAC jack
- Maximum power:4x50W
- Support external micophone
- High sensitivity FM/AM, support RDS
- Support steering wheel button learning
- Support 170x96mm and 178x100mm installation size

ACCESSORY LIST

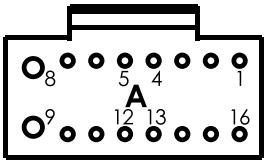
1.16P to ISO Cable	1 pc	5.Half sleeve	1 pc
2. 5RCA Cable	1 pc	6.Diassemble keys	2 pcs
3.Remote Control	1 pc	7.User manual	1 pc
4.Frame	1 pc		

WIRING CONNECTION

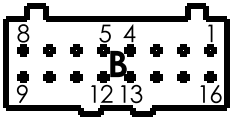


Lable	Function
ANT	Radio Antenna
USB	USB Playback
PAC	PAC- SWI
MIC	External Microphone
V-IN	Video Input

Lable	Function
AUX-L	Audio Left Input
AUX-R	Audio Right Input
V-OUT1	Video Output1
V-OUT2	Video Output2
R-CAM	Rear Camera Input



1 FL SPK+
2 FL SPK-
3 FR SPK+
4 FR SPK-
5 SWC 1
6 Reverse
7 Ignition
8 Ground
9 Battery +
10 Car Light Control
11 SWC 2
12 Antenna Control
13 RL SPK-
14 RL SPK+
15 RR SPK+
16 RR SPK-

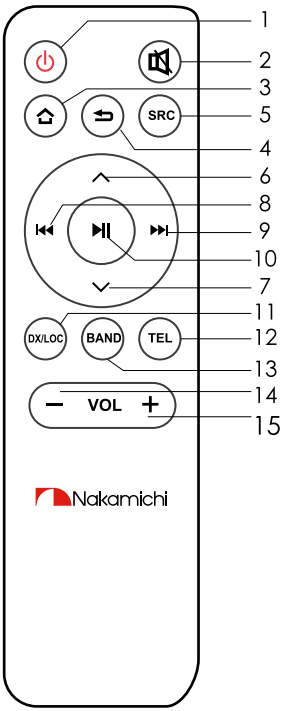


1 CAN RXD
2 CAN TXD
6 FR Output
7 Ground
8 FL Output
9 RL Output
10 Ground
11 RR Output
12 SUB Output
13 Ground
15 Amplifier control
16 Parking

PANEL OPERATION

NO.	OPERATION & CONTROL MODES
1	TF Card interface
2	Microphone:Voice receiving position
3	Remote control receiving window
4	Increase volume
5	Decrease volume
6	Short press to mute/cancel mute Long press to enter/quit standby mode
7	Main menu
8	Active Siri
9	System reset
10	USB interface

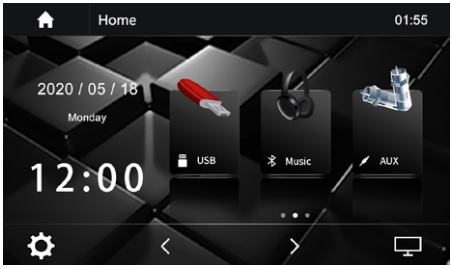
REMOTE CONTROL OPERATION



NO.	SYMBOL	OPERATION & CONTROL MODES
1	⏻	Power On/ Off
2	🔇	Mute/ Unmute
3	⌂	Return to home page
4	⮌	Return to the main interface
5	SRC	Switch the source module
6	^	Radio - Manual tuning (forward)
7	v	Radio - Manual tuning (reverse)
8	⏮	**Short Press:** Radio - Switch to the previous preset USB/SD/Bluetooth - Previous track **Long Press:** Radio - Automatic seek (reverse) USB/SD/Bluetooth - Fast reverse
9	⏭	**Short Press:** Radio - Switch to the next preset USB/SD/Bluetooth - next track **Long Press:** Radio - Automatic seek (forward) USB/SD/Bluetooth - Fast forward
10	⏯	USB/SD/Bluetooth - Play or Pause
11	DX/LOC	Radio Switch between long range DX or short range LOC
12	TEL	Bluetooth interface.Call back function
13	BAND	Switch between FM and AM bands
14	−	Reduce volume
15	+	Increase volume

HOME PAGE OPERATION

The first time power on,Please select:
1.Select the language
2.Select the country
3.Click [√] to enter the main menu,Display as below:



- Home
- Setting
- Page up
- Page down
- Screen saver
- Raido
- Carplay/Androi Auto
- Bluetooth phone
- USB playback
- Bluetooth music
- Aux input
- TF card playback
- DSP Setting

Remark:

About Carplay/Android auto：

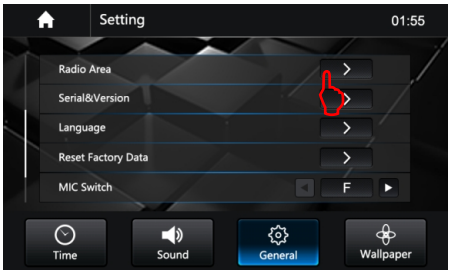
Shows the relevant interface based on your connected device.

RADIO OPERATION

Radio Interface

- Backward
- Forward
- Band selection
- DSP setting
- Automatic search
- DX/LOC switch
- Frequency input

Radio Area Selection



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

Automatic Search

Press and hold the [Q]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 [General] to select [RDS].
4. Click RDS to ON:

Radio RDS ON status:

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 [Phone] to enter the Bluetooth interface.
3. Turn on the phone's Bluetooth to search: Bluetooth device: NAM3510-M7.
4. Click NAM3510-M7 to pair.

Call Interface

Dial

Calls record

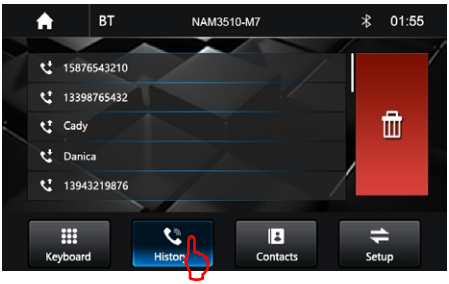
Phone book

Setup

Answer

Backspace

Calling record



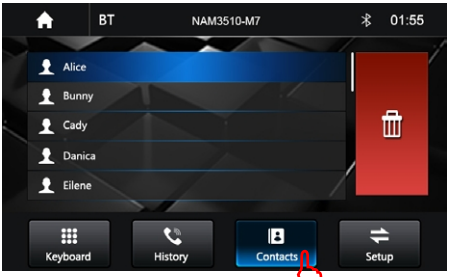
Incoming call

Called

Missed call

Delete

Phone book



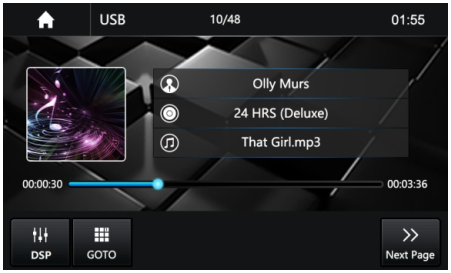
BT Setup

ON OFF

MULTIMEDIA OPERATION

Music Playback

1. Press [□] to enter the homepage.
2. Click [USB] or [Card] to enter the playback interface.



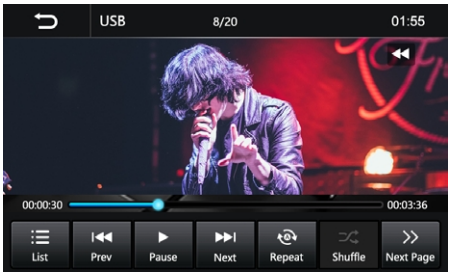
Playlist | Previous track | Play/Pause | Next track

Repeat playback | Random playback | DSP settings | Play selection

Next page

Video Playback

1. Press [□] to enter the homepage.
2. Click [USB] or [Card] to enter the playback interface.
3. Click [List] ,Select [ ],Click on the video to play.

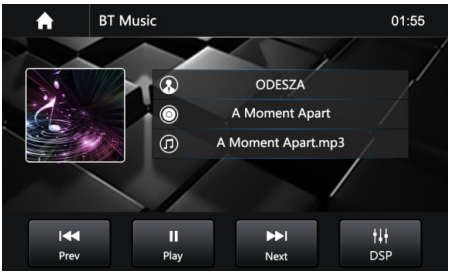


Playlist | Previous video | Play/Pause | Next video

Repeat playback | Random playback | DSP settings | Play selection

Brightness and contrast adjustment | Next page

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

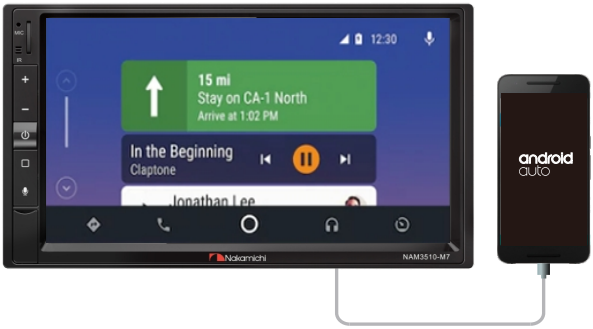
DSP settings

CARPLAY OPERATION

Connect iPhone to enter the Apple Carplay interface

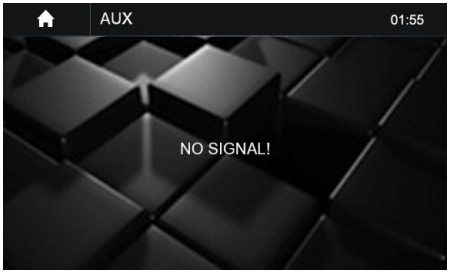
ANDROID AUTO OPERATION

Connect android Phone to enter the android interface



AUX

1. Press [□] to enter the homepage.
2. Click [AUX] to enter the playback interface.

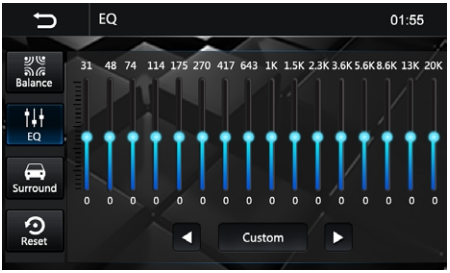


DSP OPERATION

Balance Settings

1.Press [☐]to enter the homepage.
2.Click [DSP] to enter the DSP Settings.
3.Click [Balance] to enter the balance settings.

EQ Settings



1.Press [☐]to enter the homepage.
2.Click [DSP] to enter the DSP Settings.
3.Click [EQ] to enter the EQ settings.

Surroud Settings

1.Press [☐]to enter the homepage.
2.Click [DSP] to enter the DSP Settings.
3.Click [Balance] to enter the balance settings.

TIME SETTINGS

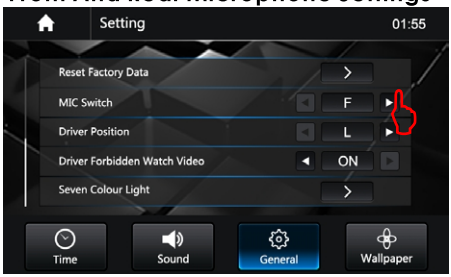
1. Press [☐] to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [Time] to enter the year, month, day and time setting.

GENERAL SETTINGS

Language Settings

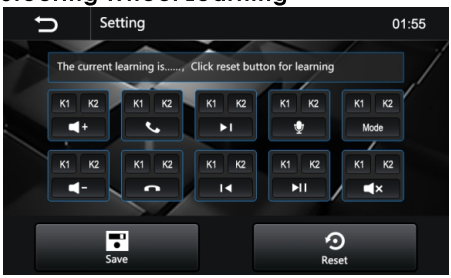
1.Press [☐] to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [General] to enter the general setting.
4.Click[Language] to enter the language settings.

Front And Rear Microphone Settings



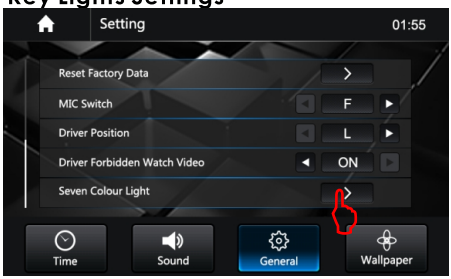
1.Press [☐] to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [General] to enter the general setting.
4.Click [MIC Switch] to select F or R.
F: Front microphone
R: Rear microphone

Steering Wheel Learning



1.Press [☐] to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [General] to select [SWC],to enter the steering wheel learning.
4.Click on the function that needs to be learned on the screen.
5.Press the button needed for the car steering wheel.
6.Click to [Save].

Key Lights Settings



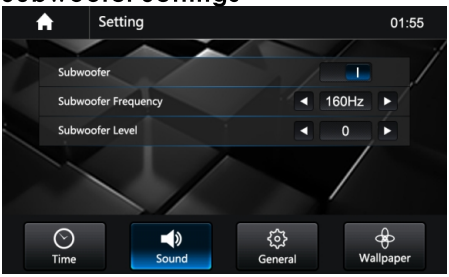
1.Press [☐] to enter the homepage.
2.Click [⚙]to enter the setting interface.
3.Click [General] to enter the general setting.
4.Click [Seven Colur Light] to enter the key lights settings.

SOUND SETTINGS

Reversing Volume Adjustment

1. Press [□] to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Sound] to enter the sound setting.
4. Click the [◀] [▶] of the reverse vol item to adjustment.

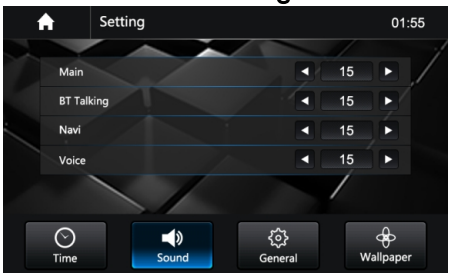
Subwoofer Settings



1. Press [□] to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Sound] to enter the sound setting.
4. Click [Subwoofer] to enter the sub-woofer settings.

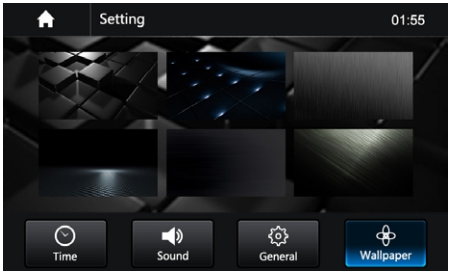
ON OFF

Volume Control Settings



1. Press [□] to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Sound] to enter the sound setting.
4. Click [Volume Control] to enter the vol-ume settings.

WALLPAPER REPLACEMENT



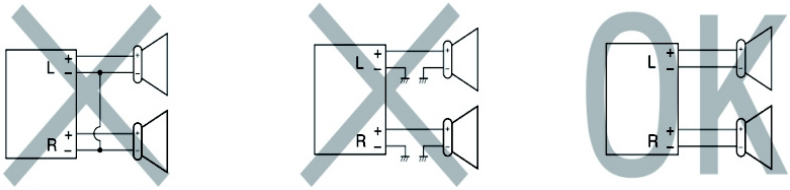
1. Press [□] to enter the homepage.
2. Click [⚙] to enter the setting interface.
3. Click [Wallpaper] to enter the wallpaper replacement.
4. Select the wallpaper that needs to be replaced.
5. Click [√], confirm to set wallpapers.

COMMON TROUBLE-SHOOTING

Problem	Cause	Correct action
Can not power on	Check fuse	Change fuse same as the old one
	Some factors cause MPU wrong operation	Press RES button on the panel by penpoint, then, power on
After ignition switch 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 place, then research
Can not switch language/subtitle	There is only one language/ subtitle in disc	If disc is not with multilanguage/ subtitle, it cannot switch language/ subtitle

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 powet cord to the speakers, check the speaker wiring in your car.



SPECIFICATION

General

Operation Voltage:
14.4V(10.5-16V)
Product Size:
178x100x128mm
Panel Installation Size:
178 x 100mm
170 x 96mm
Operationg temperature:
-10℃- +60℃
Storage Temperature:
-20℃- +70℃
Net Weight:900g

TFT Screen Item

Size: 7"
Display Resolution: 800 x 480
Contrast ratio:500
Brightness:500nit

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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