



# NA2750 AV Media Receiver User Manual



Enjoy the Lifestyle of In-Car Entertainment

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Thank you for purchasing a Nakamichi products.

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

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### AV MEDIA

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### REFERENCE

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# INTRODUCTIONS

## View demo before first use

Please preview those advance features of this unit through the DEMO mode on this unit.

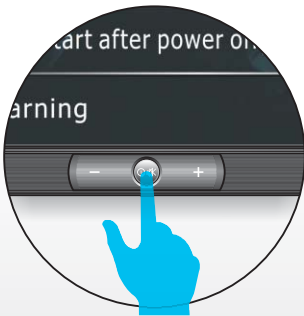
1. Access to general settings.



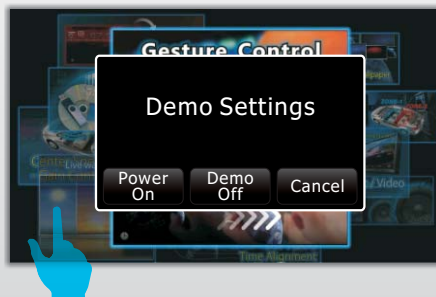
2. Turn on the demo mode.



3. Press & hold this button to power off the unit, demo will be play automatically.



4. Tap to stop



# INTRODUCTIONS

## Overview the unit



Press: GPS/Navi switch  
 Hold: After connecting the Mirror box, Press and hold to access Apps

Reset

Volume -      Volume +

Hold: Power  
Press: Mute

Eject  
Adjust position



# INTRODUCTIONS

## Basic operations

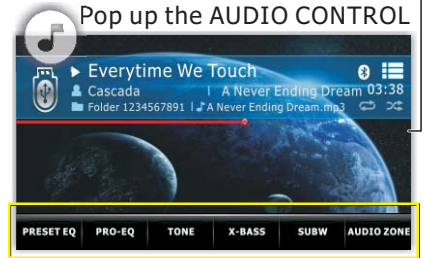
Access to HOME



Access to CLOCK / WIDGETS



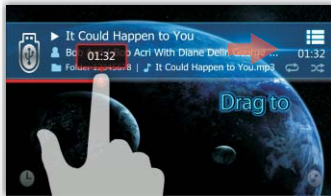
Pop up the AUDIO CONTROL



Direct to PLAYBACK TIME



Swipe for DRAG TO



Swipe left/right for UP/DOWN



Rotate for VOLUME adjust



Tap center to MUTE



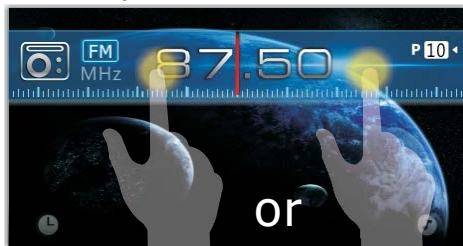
# AV MEDIA

## Listening to the radio

Swipe left/right AUTO SEEK



Tap MANUAL SEEK



Tap BAND to change to FM or AM



PRESET LIST/  
TUNER FUNCTION



# AV MEDIA

## Playing the music

Swipe drag to  
PLAYBACK TIME

Tap direct go  
PLAYBACK TIME

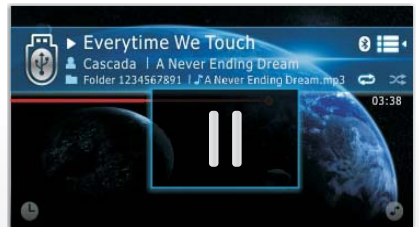
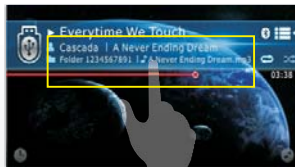


Swipe UP/DOWN



Tap REPEAT / RANDOM

Tap PLAY / PAUSE



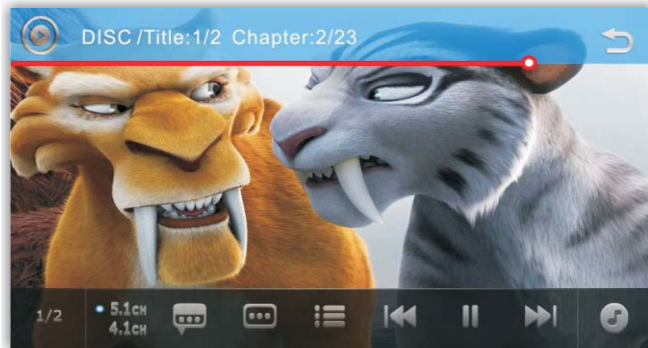
QUICK BROWSER

Operation steps:

- TIPS**
1. Connect the desire playback device(USB/SD/iPod) to the USB or SD socket.
  2. Access to HOME, then tap the desire playback device(USB/SD/iPod).
  3. Playback starts.

# AV MEDIA

## Enjoying the movie

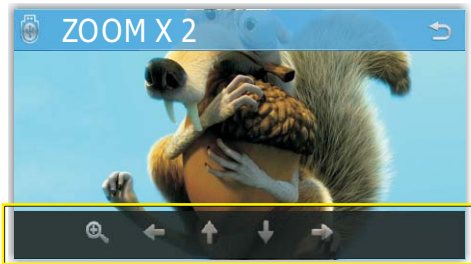
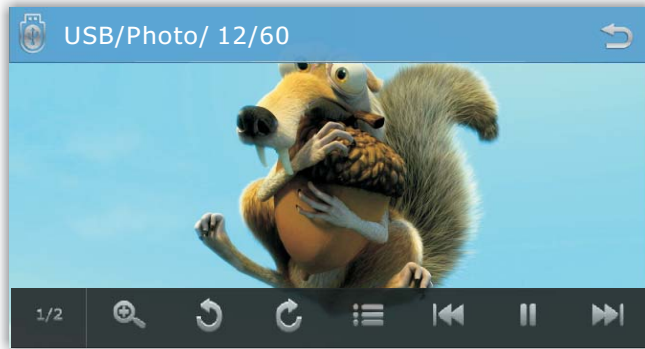


|                |  |
|----------------|--|
| 1/2 2/2        | Change function bar  |
| 5.1CH<br>4.1CH | 5.1CH & 4.1CH selection                                      |
|                | Select the audio type. (For DVD-VR:Select the audio channel) |
|                | Subtitle type.   |
|                | Top Menu or Browser  |
|                | Previous, Pause / Play, Next                                 |
|                | Audio Settings   |
| 4:3 16:9       | Select aspect ratio  |
|                | Brightness   |
|                | Contrast   |
|                | Saturation   |
|                | Repeat playback mode   |
|                | Zoom the video & photo                                       |
| PBC            | PBC on/off (VCD only)  |
|                |  |

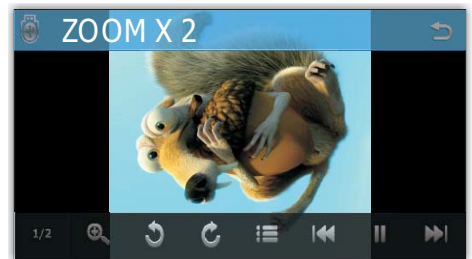


# AV MEDIA







## Viewing the photo



When zoom x2,x4,x8 will pop up the arrow button to move the photo.



Rotate function only can support for original size photo.

|   |                              |
|---|------------------------------|
|  | Rotate left                  |
|  | Rotate right                 |
|  | Move left the zooming frame  |
|  | Move up the zooming frame    |
|  | Move down the zooming frame  |
|  | Move right the zooming frame |

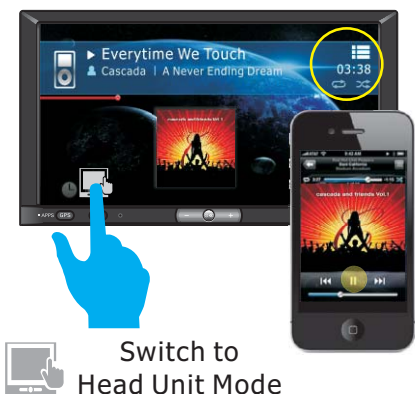
# AV MEDIA

## Sharing your iPod / iPhone

### iPod/iPhone music playback

Head unit control mode

iPod/iPhone control mode



### iPod touch / iPhone video playback



**Remark:**

AV-IN and iPod Audio / Video should be sharing in AV-IN jack, iPod / iPhone Audio / Video cable is not included in this packing.

# BLUETOOTH

## Using bluetooth

How to pair & connect device ?



Pairing code "0000"



How to disconnect ?



How to delete ?



# 2 ZONE

## Rear entertainment zone

### Rear entertainment zone settings

Tap 2 ZONE



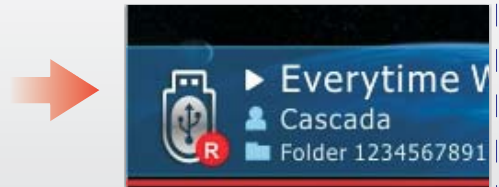
Turn on the 2 ZONE mode



Select REAR ZONE playback device.



Rear Zone mode is USB



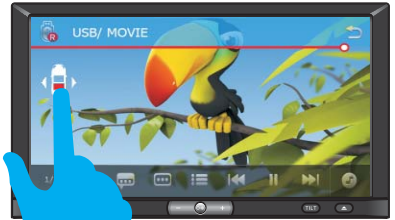
# 2 ZONE

## Rear entertainment zone

Switching between FRONT & REAR ZONE for operation



Switch to REAR ZONE



Switch back FRONT ZONE

### Off Rear speaker output

Rear audio output is through rear monitor audio system



When 2 zone mode is on, 5.1CH is not available.

# AUDIO ADJUSTMENT

## Equalizer

### 10 Preset EQUALIZER



### Preset EQ(USER)



**TIPS** Access to user preset EQ mode

Resume to factory default value

### 11 Band professional EQ



### 3 Band Tone control



### X-BASS Enhance



# AUDIO ADJUSTMENT

## Sub-woofer

### SUB-WOOFER settings

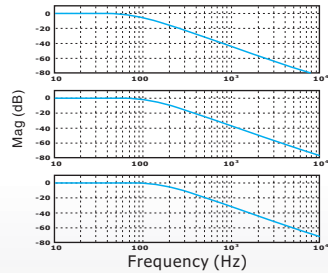


### Low Pass Filter Transfer Function

80 Hz

120 Hz

160 Hz



# AUDIO ADJUSTMENT

## Speaker

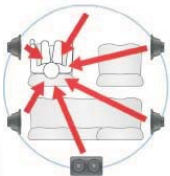
### Audio Zone

7 preset listening zone to fit with perfect listening position

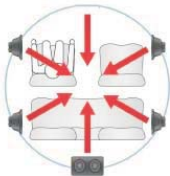


### Custom Made Time Alignment

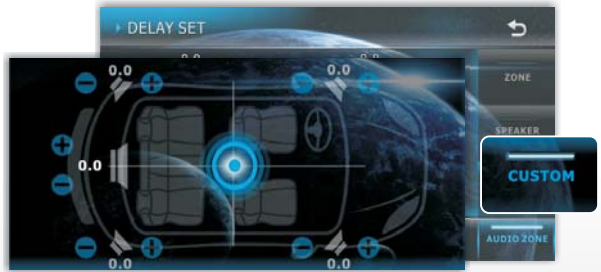
Precisely adjust each speaker including Sub-Woofers speaker output timing according to its distance from the listening position



WITH  
TIME ALIGNMENT



WITHOUT  
TIME ALIGNMENT



Adjust fader & balance to get the perfect sound.

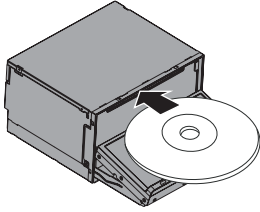




# AUDIO ADJUSTMENT

## 5.1 Audio playback

### How to activate 5.1 audio mode



5.1CH Disc

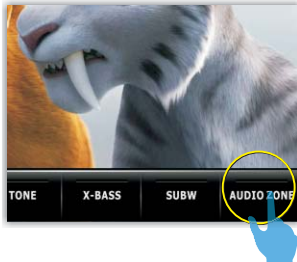
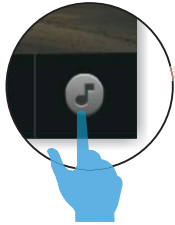


Activate the disc audio to 5.1CH output



Switch to 5.1CH

### How to adjust 5.1 audio speaker setting



- TIPS**
1. Please read details of recommended 5.1 audio speaker connection in the manual of installation / connection (QSG).
  2. XBASS & ZONE function is not available when 5.1 audio playback mode is switch on.

# NAVIGATION

## Navigation settings

---

Set the navigation program path



### Navigation Voice Output

Select the voice output from the desire speaker location



### Navigation Voice scale Level

Adjust the voice level scale between playback sound



# REFERENCE

## Specifications

### TFT Monitor section

|                    |               |
|--------------------|---------------|
| Screen Size        | :6.8 inches   |
| Display Resolution | :800x480 dots |
| Contrast Ratio     | :500          |

### Disc player section

|                           |                 |
|---------------------------|-----------------|
| Disc System               | :DVD/CD/VCD     |
| Disc Diameter             | :12cm           |
| Frequency Response        | :20Hz - 20kHz   |
| Signal/Noise Ratio        | :>75 dB         |
| Total Harmonic Distortion | :Less than 0.3% |
| Channel Separation        | :>55 dB         |
| Video Signal Format       | :NTSC/PAL       |
| Video Output              | :1+/-0.2V p-p   |

### USB interface section

|                 |                     |
|-----------------|---------------------|
| USB Standard    | :USB 2.0 Full Speed |
| File System     | :FAT 16/32          |
| Maximum Current | :DC 5V= 1A          |
| D/A Converter   | :24Bit              |
| Video Decoder   | :MPEG1/MPEG2        |
| Audio Decoder   | :MP3                |

### Memory Card section

|                  |          |
|------------------|----------|
| Memory Cards     | :SD/SDHC |
| Maximum Capacity | :32G     |

### Bluetooth section

|                               |                                    |
|-------------------------------|------------------------------------|
| Communication System          | : Bluetooth Standard version 2.0   |
| Output                        | : Bluetooth Standard Power Class 2 |
| Maximum Communication Range   | : Approx. 5meters                  |
| Frequency Band                | : 2.4 GHz                          |
| Compatible Bluetooth Profiles | : HFP/HSP/A2DP/AVRCP               |
| Supported Codecs              | : SBC (Sub Band Codec)             |

### Radio section

|                        |   |
|------------------------|---|
| Frequency FM range     | : 87.5 - 108.0 MHz                        |
| Frequency AM(MW) range | : 522-1620 KHz                            |
| Usable sensitivity     | : 2 $\mu$ V (FM)<br>: 80 $\mu$ V (AM)(MW) |

### Video section

|                                      |                       |
|--------------------------------------|-----------------------|
| Color System of External Video Input | : NTSC/PAL/SCEAM      |
| External Video Input (RCA/3.5m Jack) | : 1 Vp-p /75 $\Omega$ |

### Audio section

|   |                               |
|---|-------------------------------|
| Maximum Power                           | : 50Wx4                       |
| Continuous Power Output (RMS)           | : 22 Wx4                      |
| Preout Level (V)                        | : 5 V/10k $\Omega$            |
| Preout Impedance                        | : $\leq$ 600 $\Omega$         |
| Speaker Impedance                       | : 4-8 $\Omega$                |
| External Audio Input Level (RCA)        | : 1 V/10K $\Omega$            |
| External Audio Input Level (3.5mm Jack) | : 600mv/10K $\Omega$ (<1%THD) |

### General

|                               |                                     |
|-------------------------------|-------------------------------------|
| Operating Voltage             | : 14.4V(10.5-16 V)                  |
| Dimension(WxHxD)              | : 178x102x172mm                     |
| Operational Temperature Range | : -10 $^{\circ}$ C-+60 $^{\circ}$ C |
| Storage Temperature Range     | : -20 $^{\circ}$ C-+80 $^{\circ}$ C |
| Weight                        | : 2.49 kg                           |



Design and specifications are subject to change  
without notice

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