



# NA6605

## User Manual



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## 6.8" 2-DIN DVD RECEIVER

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# YOUR DVD RECEIVER

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## Dear Customer,

Congratulations on purchasing our Nakamichi mobile system product for your sound system.

This product has been designed and manufactured to Nakamichi's exacting standards to ensure many years of audio enjoyment. For the best performance, we recommend that you have your Nakamichi product installed by an authorized Nakamichi dealer.

If you would like to install this product on your own, we recommend for you to go through this manual to familiarize yourself with all the installation requirements and procedures.

If you encounter any issues or if you have any questions on the operation of this product, please contact your nearest authorized Nakamichi dealer for assistance, or you may also contact us through our website or social media channels.

## Installation of your Product

In today's modern vehicles, it is very easy to cause damage to existing systems through improper installation. Please follow and scrutinize all wiring diagrams to ensure that you have connected everything in its proper place.

If you find yourself uncomfortable or unfamiliar with understanding the wiring and installation diagrams or testing instructions, do contact your nearest Nakamichi dealer to perform the installation for you.

## Safety Warnings and Considerations

- Clean only with a dry cloth or other similar materials.
- Install your product in a dry, well-ventilated location that does not interfere with your vehicle's safety equipment.
- Do not block any ventilation openings when installing this product.
- Do not mount the product in the engine compartment of your vehicle or in any areas of extreme heat such as mufflers, silencers, exhaust pipes or other heat producing apparatus.
- Securely mount the product so that it does not come loose in the event of a collision or as a result of repeated vibrations that might occur during normal operation.
- Installation of the apparatus must be done with great care to prevent damage to your vehicle's fuel lines, power, and other electrical wiring, hydraulic brake lines, and other systems. If possible, always visit your nearest Nakamichi dealer to perform the installation.
- Do not run any wiring outside or underneath the vehicle. Keep all wires inside the vehicle.
- Take the necessary precautions when making connections to the vehicle's battery to avoid any potential shock.

# YOUR DVD RECEIVER

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- Protect all system wires from sharp edges by carefully routing them, always use rubber grommets to protect wiring and cables whenever you are installing them through metal openings.
- Secure all wiring using cable ties or wire clamps to protect them from moving parts and sharp edges.
- This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, shall be placed on the apparatus.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power input terminals are damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Fuses shall be replaced only with the correct type and fuse value, and only when the apparatus is powered off.
- Exposure to high sound pressure levels may lead to permanent hearing loss. Take every precaution to protect your hearing.
- This product is designed specifically for use with 12 volt, negative- ground electrical systems only. Using this product in systems with positive ground and/or voltages other than 12V may result in damage to the product and your system.

## Warranty Considerations

Nakamichi warrants this product to be free of defects in materials and workmanship for **a period stated by your country's authorized Nakamichi distributor**. This warranty is not transferable and applies only to the original owner who has purchased from an authorized Nakamichi dealer or distributor.

Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller.

This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

Warranty is void if the product's serial number has been removed or defaced.

# FCC NOTES

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## **WARNING!**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

# SPECIFICATION

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## General

Power Supply	DC 10 ~ 16 Volts
Grounding System	Negative Ground
Current Drain	5 A (Max)
Power Output	4 × 50 W / Channel (Max)
Speaker Impedance	4 ~ 8 Ohms Per Channel
Frequency Response	20 ~ 20k Hz
Operating Temperature	-20 ~ +60 °C
Dimensions	175 (W) × 175 (D) × 100(H) mm

## TFT Display

TFT Screen Size	6.8 Inch
Resolution	800 × 480 pixels

## FM Radio

Frequency Range (USA)	88.1 ~ 107.9M Hz
Frequency Range (Europe)	87.5 ~ 108M Hz
Usable Sensitivity (S/N=30dB)	≤ 15 dB
S/N Ratio	≥ 55 dB
Stereo Separation	≥ 30 dB

## AM/MW

Frequency Range (USA)	530 ~ 1710k Hz
Frequency Range (Europe)	522 ~ 1620k Hz
Usable Sensitivity (S/N=20d B )	≤ 40 dB
S/N Ratio	≥ 45 dB

## Line-Out/Subwoofer Output

Maximum Output Level (10K ohms load)	≥ 4 Vrms
Subwoofer Time Align	0 ~ 18 ms

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

## ACCESSORY LIST

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Check and identify the contents of your package:

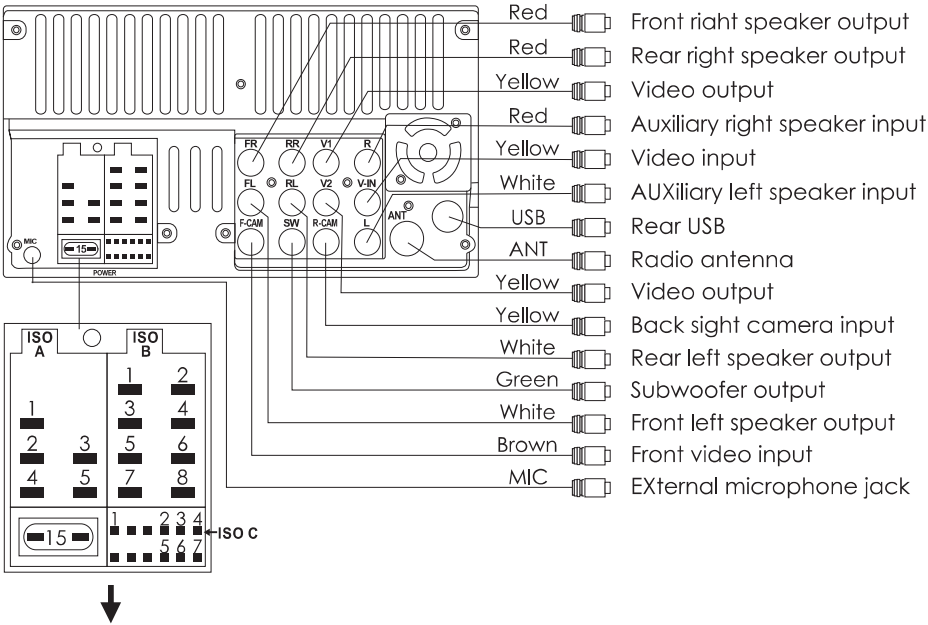
- |                         |                         |
|-------------------------|-------------------------|
| 1. DVD Receiver x 1pc   | 5. Key x 2pcs           |
| 2. ISO A/B Wires x 2pcs | 6. Metal Sleeve x 1pc   |
| 3. 12P Line x 1pc       | 7. Remote Control x 1pc |
| 4. Plastic Frame x 1pc  | 8. User Manual x 1pc    |

## DIMENSIONS (UNIT:MM)

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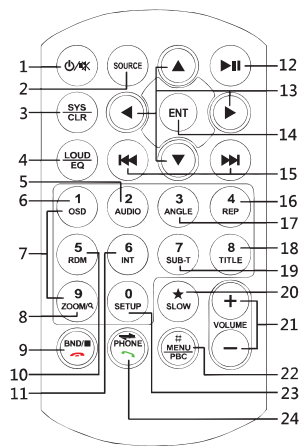


# WIRING CONNECTION



Portion		Colour	Connection
Connecting Socket	ISO-A	Orange	Headlamp detection / backlight illumination (Connect to on/off control of car headlamp)
		Yellow	Memory back up (B+)
		Blue	Auto antenna (B+)
		Black (Coarse)	Ground (B-)
	ISO-B	Red	Ignition switc (B+)
		White	Front left speaker (+)
		White/ Black	Front left speaker (-)
		Grey	Front right speaker (+)
		Grey/black	Front right speaker (-)
		Green	Rear left speaker (+)
		Green/Black	Rear left speaker (-)
		Purple	Rearright speaker (+)
		Purple/Black	Rear right speaker (-)
		Blue/white	Amplifier control (B+)
	ISO-C	Black(Fine)	Steering wheel control (Ground)
		Brown	Brake (B-)
		Grey	Steering wheel control (1)
		Green	Steering wheel control (2)
		Pink	Back sight (B+)
		Pink/ Black	Front camera (B+)

# REMOTE CONTROL



## BATTERY REPLACEMENT

Refer to the back of remote handset for details on how to replace the battery. Replace the battery only with the same or equivalent type.




Note: If the remote handset will not be used for a long time, please remove the battery from the battery compartment.

NO.	SYMBOL	OPERATION & CONTROL MODES
1.		When the unit is turn off, press to turn on the unit. When the unit is turn on, press & hold shortly to turn off the unit.
		During unit operation, press to turn on or off of sound mute control.
2.	SOURCE	Press repeatedly to select the desired mode for operation.
3.	SYS	<u>TV Mode</u> Press repeatedly to select TV system (PAL / SECAM / NTSC) that suit your country / area.
	CLR	<u>Bluetooth Mode</u> Press to erase the digit input by error.
4.	LOUD EQ	Press & hold shortly to turn on or off of loudness control. Press repeatedly to select the desired preset equalization mode.
5.	AUDIO	<u>Video &amp; Music Playback Mode</u> Each time press & hold shortly to select different audio output channels. (Note: Available on input device or media files recorded with different output channels and this selection is not available under Bluetooth mode)
6.	OSD	At media playback mode, press & hold shortly to display the contents of the playback details on screen. (Note: Not available at music playback mode)
7.	1 – 6	<u>Radio Mode</u> Press any one of the number key 1-6 to select a station that had been stored in the preset memory number key 1-6 for broadcasting.
	0 – 9	<u>DISC/ USB / SD / Input Mode</u> Press directly to input the number of track for playback.



# REMOTE CONTROL

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NO.	SYMBOL	OPERATION & CONTROL MODES
	0 – 9	<u>Bluetooth Mode</u> Press directly to input the phone number for dial out. <u>TV Mode</u> Press directly to input the number of channel that had been memorized for broadcasting.
8.	ZOOM  	<u>DISC/ USB / SD Input Mode</u> At video & photo playback, each time press & hold shortly to select various zoom in and zoom out of screen for viewing. <u>Radio Mode</u> Press to start intro broadcasting on the preset stations on memory. Press & hold shortly to start searching the frequency and storing the strongest signal stations into the preset memory stations number 1-6. After storing the stations, the unit starts intro broadcasting on all the preset memory stations. <u>TV Mode</u> Press & hold shortly to start intro broadcasting on all the preset channels on memory.
9.	BND  	<u>Radio Mode</u> Press repeatedly to select the desired radio band for broadcasting. Note: When the unit is under other operation mode, press to shift current operation mode to radio mode for operation (not available at disc / USB / SD input mode). <u>DISC/ USB / SD Input Mode</u> At video playback mode under disc input, press to stop playback. At music / photo playback mode under disc input and playback mode under USB / SD input, press to stop playback temporary and shift to playlist for playback selection, normal playback will resume after a few seconds. (Note: Depended on the input device & playback media, playlist may not be available). <u>DISCBluetooth Music Playback Mode</u> Press to stop playback and will shift back to previous operation mode.
		<u>Bluetooth Mode</u> Press to hang up or refuse an incoming call.
10.	RDM	At DISC / USB / SD input playback mode, press & hold shortly to turn on or off of random playback of the input device.
11.	INT	At music playback mode, press & hold shortly to turn on or off of intro playback of the input device. (Note: Not available at Bluetooth mode).
12.	▶	At DISC / USB / SD / input & Bluetooth mode, press to pause, resume or start playback.



# REMOTE CONTROL

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<u>NO.</u>	<u>SYMBOL</u>	<u>OPERATION &amp; CONTROL MODES</u>
13.	▲/▼/▶/◀	<p><u>DVD Mode</u> At DVD menu/title display mode, press to select the desired setting/setup and press ENT to confirm/enter.</p> <p><u>Folder / Playlist Mode</u> During folder/playlist display at media playback mode, press repeatedly to select track for playback. Once selected, press ENT to confirm.</p> <p><u>Photo Playback Mode</u> Press to rotate photo position or show up-down, left-right mirror image.</p>
14.	ENT	<p><u>DVD Mode / Folder/Playlist Mode</u> At DVD menu/title display mode as well as folder/playlist display at media playback mode, press ▲/▼/▶/◀ to select the desired setting/setup and press ENT to confirm/enter.</p>
15.	▶▶/◀◀	<p><u>Radio Mode</u> Press repeatedly to fine tune radio frequency upward or downward. Press &amp; hold shortly to tune radio frequency to the upward or downward station for broadcasting.</p> <p><u>DISC / USB / SD Input Mode (Playback Mode)</u> Press repeatedly to shift track upward or downward for playback. Press &amp; hold shortly to activate fast forward or fast rewind mode. At this mode, press repeatedly to select various speeds of fast forward or fast rewind. (Note: Not available for operate at photo playback mode).</p> <p><u>TV Mode</u> Press to shift TV channel upward or downward for broadcasting. Press &amp; hold shortly to shift to the upward or downward channel for broadcasting.</p> <p><u>Bluetooth Mode</u> Press to shift track upward or downward for playback.</p>
16.	REP	<p>At playback mode under disc / USB / SD input, each time press &amp; hold shortly to activate various repeat playback setting.</p>
17.	ANGLE	<p>At video playback mode, each time press &amp; hold shortly to view angle changes in sequential order (available on media files recorded with this features).</p>
18.	TITLE	<p><u>Radio Mode</u> Press to select stereo (ST) or mono mode at FM radio band. (Note: At stereo mode and when stereo signal received, stereo indicator appeared on screen whereas this is not indication for mono mode and mono signal received).</p>

# REMOTE CONTROL

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<u>NO.</u>	<u>SYMBOL</u>	<u>OPERATION &amp; CONTROL MODES</u>
18.	TITLE	<u>DVD Mode</u> Press & hold shortly to display on screen the menu of the entire disc and resume playback after a while.
19.	SUB-T	<u>Radio Mode</u> Press to select local setting for reception of strong signal stations and distant setting for reception of weak signal stations. (Note: LOC appears on screen on local setting whereas no indication for distant setting). <u>Video Playback Mode</u> Each time press & hold shortly to select different sub-titles that recorded in the input device or media files. (Note: Available on input device or media files recorded with sub-titles).
20.	SLOW	At video playback mode, each time press & hold shortly to select different speeds on slow motion playback.
21.	VOL + / VOL -	Press repeatedly or press & hold to adjust sound output level.
22.	MENU / PBC	<u>DVD Mode</u> Press & hold shortly to display on screen the menu of the entire disc & resume playback after a while. <u>VCD Mode</u> Press to turn on or off of PBC playback.
23.	SETUP	During unit operation, press & hold shortly to activate setup menu on screen for various system setup. Press & hold shortly again to return to previous operation mode. (Note: System setup cannot be operated by remote handset. System setup can only be operated by touch screen – refer to ON SCREEN OPERATION for details).
24.		<u>Bluetooth Mode</u> During unit operation, press to shift to Bluetooth mode for operation. Press to pick up an incoming call; dial out after input a phone number; redial last dial out number.
	 / PHONE	<u>Bluetooth Conversation Mode</u> Press to shift conversation between main unit and mobile phone.



Remarks: Depends on the input devices & playback media files, operation may be varied or not available for operation.

## FRONT PANEL

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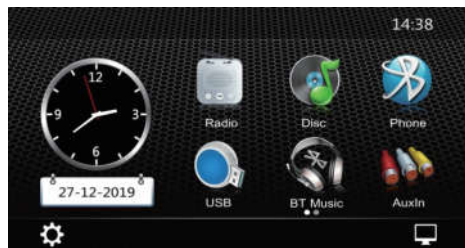
### Symbol/Function    Operations & Controls

RST	Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
▲ / EJECT	Press to eject disc from the disc slot ( when a disc has been inserted).
Vol +	Increment the Volume level (0~50).
	Turn Power on or off.During power OFF,Press power button to turn ON the head unit. During the unit is ON,long press power button to turn OFF the head unit.
Vol -	Decrement the Volume level(50~0).
	Touch the Home button to enter to the Main Menu. When apple Carplay or Android auto available,Hold the voice button to start the voice control function.
USB	Insert USB device to this slot for digital files playback. (Note: The USB slot is intended for data transfer only.)
AUX	Insert an external device to this port in order to have sound output of that external device through the unit.

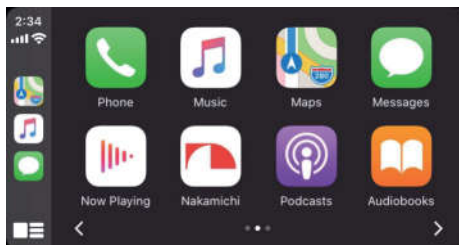
# APPEARANCE

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## Main Menu




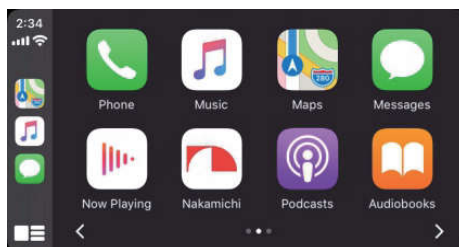
## Carplay Menu





# APPLE CARPLAY


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Plug the iPhone (iPhone 5 or later models, and ios 7.1 or above) through the lightning cable to the USB port of the Head unit. The iPhone will be shown the "CarPlay". The Head unit will enter the CarPlay interface, the APP that support the CarPlay feature will be displayed on the Head Unit as shown below Touch the corresponding APP can operation the operation, touch the  button to go back to the CarPlay interface.



## Siri

In CarPlay mode, user can talk to SIRI to control the CarPlay function. Press  button to start the SIRI function, or touch the  button for 2 seconds or the Home button of iPhone in the CarPlay Home screen to talk to SIRI for playing music, i will go .....

Notice: For the SIRI function in the Head unit, the Microphone has to been connected.  
In CarPlay mode, touch "HOME/SIRI" button or  icon to enter the Head unit main menu.

# MAIN MENU

NA6605 is a Two Din Car Audio with the following functions:

Apple CarPlay, Google Android Auto, Radio, Disc, Bluetooth Audio, USB.

The Mode icon in grey mean the corresponding function is not ready or proper device have not been connected.

Touch the corresponding Mode icon to enter playing mode.



Without Apple Carplay



With Apple Carplay



Setup, to enter the Settings Menu.



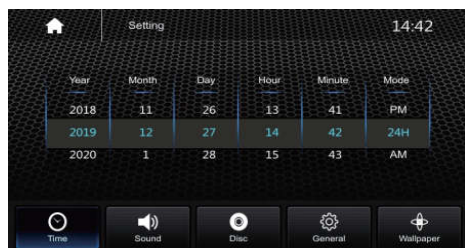
Turn off TFT display. TFT enter black mode touch any zone return to TFT on.

## SETTINGS

Touch the Setting icon to enter the Setup menu.

The Setup menu is included Time Settings, Audio Settings, Disc Settings, General Settings, Wallpapers Settings.

### Time Settings



The Time Settings allow the user to set, Date & Time.

### Audio Settings



Below shown is the Audio Setting Menu.

# SETTINGS

## EQ Settings

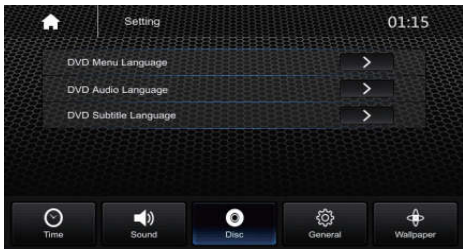


Balance / Fader:  
Touch the + or - of Balance / Fade to tune for the driver and passenger preference.  
The value of Balance (Left 15 ~ Right 15) and Fade (Front 15 ~ Rear 15). Touch Reset to set both balance and fade to zer.

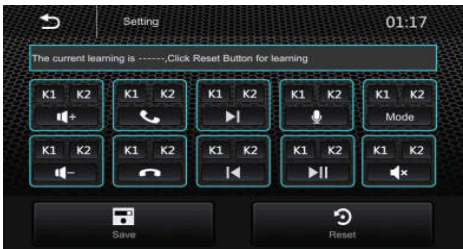


10-Band Equalizer 10 band of EQ tuning, slide the EQ bar to tune each band frequency level according to user preference. Touch Reset to set all Band to 0.

## Disc Settings



## SWC Study Mode



## Radio Area



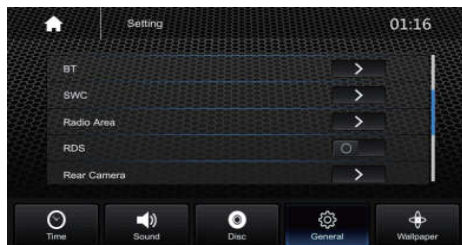
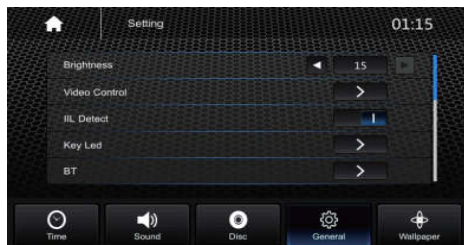
## Serial & Version



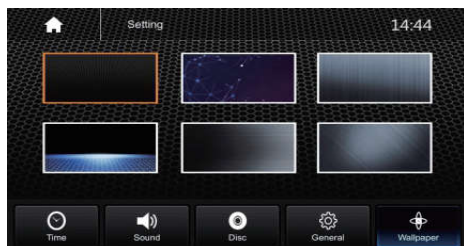


# SETTINGS

## General Setting



## Wallpaper Setting



User can select the preset wallpaper.  
Touch the corresponding picture to select the prefer background.



# SETTINGS



## Radio Settings



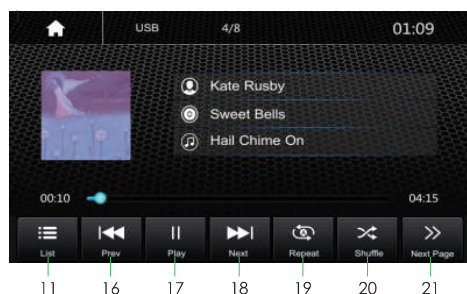
1. Touch FM1 button to select FM1 band
2. Touch AM1 button to select AM1 band
3. Short touch for Tune - , long touch for Seek -
4. Short touch for Tune + , long touch for Seek +
5. Preset channel, Six preset buttons store and recall stations for each band
6. Touch it to select the band, FM1->FM2->FM3->AM1->AM2
7. Touch it to enter EQ setting
8. Touch it for the Auto Scan searching.
9. Touch it to select LOC or DX
10. Touch it to direct tune

### Store a Station

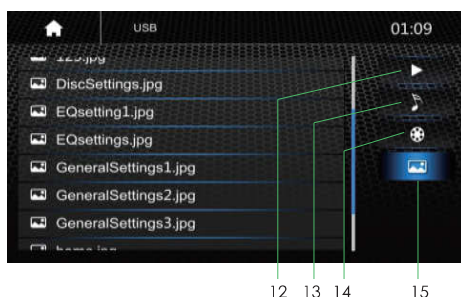
- Tune radio to desired station
- ptTouch and hold the one of the preset channel button for more than 3 seconds then the preset buttons will be highlighted on the screen and the preset station will be store.



## USB Settings



## File List Browsing of USB



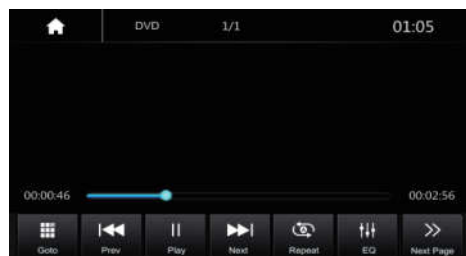
Plug the USB to the connector, the USB icon will have color, Touch the USB icon to enter the USB playback mode. The Head unit default to play the audio in the USB driver.

# SETTINGS

11. File list Browsing: NA6605 is default audio play back, it also support to play picture and vidco. If there is other multimedia files in the USB touch List to browse the folder and file list of the USB driver. Select the multimedia type.
12. Return to play pervious file
13. Select Audio or Music files
14. Select Movie or Video files
15. Select picture files
16. Short press it to skip to the previous track, long press it to fast reverse
17. Pause / Play button
18. Short press it to skip to the next track, long press it to fast forward
19. Repeat Play Press it to select Repeat All, Repeat One or Repeat Directory
20. Press it to turn on/off random play.
21. Touch it to select the next page of the keypad



## DISC Settings



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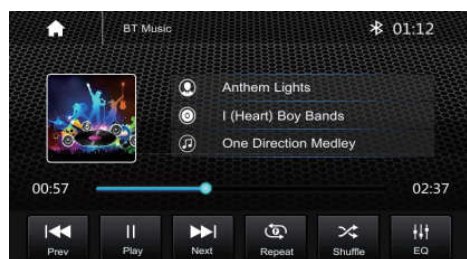
29

22. Touch it to handle goto selecting
23. Repeat Press it to select repeat mode
24. Press it to select the Audio setting or set the prefer EQ of each band in Custom mode
25. Touch it to select audio language
26. Touch it to select subtitle language
27. Touch it to select section
28. Touch it to show title menu
29. Touch it to handle angle

# SETTINGS



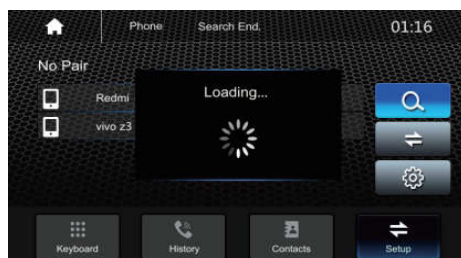
## BT Audio Settings



Touch the BT Audio icon to enter Bluetooth Audio playing mode. If the Bluetooth is connected, the music will be playing at the left side.

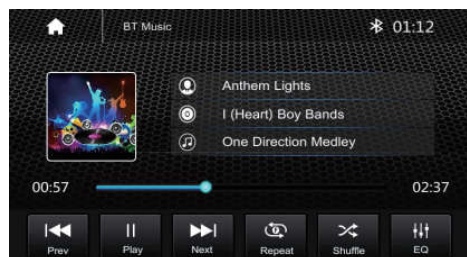


If the Bluetooth is not connected, press Reconnect to connect the paired phone or Pairing to pair the new device.



Turn On the Bluetooth of the Mobile phone/ Bluetooth device, you can see the NA6605. Select the NA6605 for pairing and connection.

Press Pairing and the Pairing Mode screen will be shown as above.



30. Short press it to skip to the previous track

31. Pause / play button

32. Short press it to skip to the next track

33. Repeat, press for select between Repeat All, Repeat One or Repeat Directory

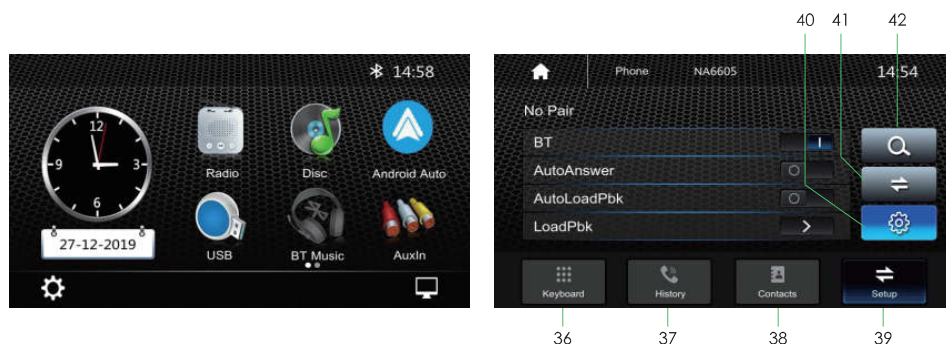
34. Press it to turn on/off random play

34. Press it to turn on/off the Audio Settings menu to adjust the EQ

# BLUETOOTH PHONE




## BT Phone Setting

Touch the Phone icon in main menu to go to Phone mode. After the phone connected with the Head Unit via Bluetooth (HFP), user can through the head unit to make a phone call. Please note it needs to connect the microphone for phone call.



- 36. Dial Pad, tap Dial pad button to enter call mode
- 37. Call logs, to show the call record, missed, received and dialed calls
- 38. Contact, to show the phonebook connected phone
- 39. Show the usable devices
- 40. BT Setup, to set auto answer and load phonebook
- 41. Manage the connected device
- 42. Search the available device

## Dial a Call

- Touch the Keyboard icon to the above screen will appear.
- Using the keypad, touch 0-9, \*, # to enter the phone number you wish to dial. If you enter an incorrect number, touch the  icon on the keypad to delete the incorrect number.
- Once the correct number appears on the screen, touch the  icon. To go back dialing interface, touch the return icon at the upper right corner of the screen.
- To end the call, touch the  icon on the screen.



# BLUETOOTH PHONE

## Receive An Incoming Call

If the phone is connect with the unit via Bluetooth, when an incoming call, the below screen will be shown.

Press  to receive the Call or  to hang the call.



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- 43. Interchange between phone and head unit
- 44. Display the Dial Pad
- 45. ON/OFF the Microphone function

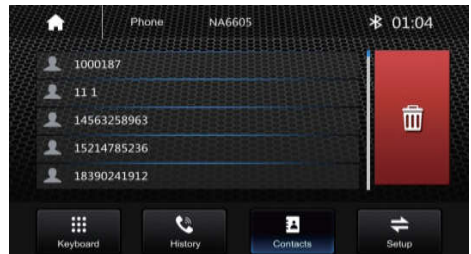
## Call Logs

- Touch the History icon to display the Call Combined list.
- Slide the bar at right side up and down to display a call logs up to 20 records.



## Contacts

- Touch the contacts icon to access the phone book of the connected phone.
- To make a call from the phone book, simply touch the contact name.



# BLUETOOTH PHONE

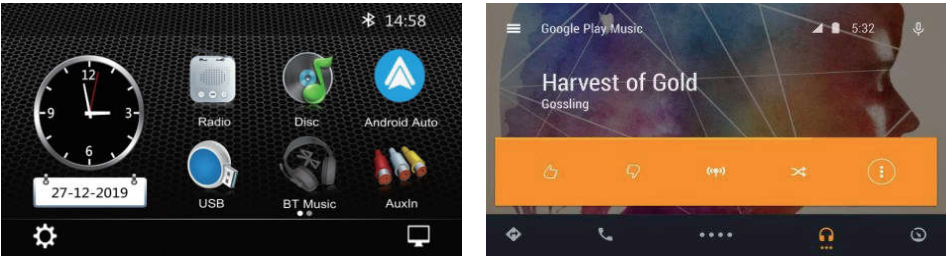
## BT Setup



- BT:  
On/off, power on or off BT function.
- Auto Answer:  
On/Off, coming call auto answer.
- Autoloadpdk:  
On/off, when connect phone auto load phone book on or off.
- loadpdk:  
Load phone book.

# ANDROID AUTO

The na6605 have the Android auto function to allow the android 5.0 or above smartphone display on the head unit screen.



## Install Android Auto

User need to install the Android Auto App to the android phone. When the android phone first time connected to the na6605 via USB, the phone will show a website link to download the android Auto application pack from Google Play. Download and stall the apk file on the android phone. After installed the Android auto, the Android phone can use the android Auto function.

## Connection

Connect the Android phone and head unit via USB cable, the Android phone display will be shown on the Head unit screen User also allows using the touch panel of the head unit to control the android phone.

## AUX IN

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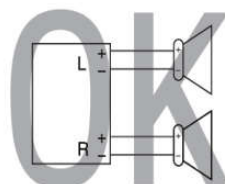
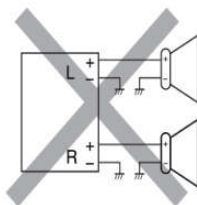
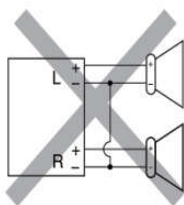


The Audio/Video source with RCA cable can through the head unit to play the Audio/Video. Plug the RCA to the corresponding A/V socket. Touch AuxIn icon to view the playing audio/ Video. The audio and video will via the RCA cable to the head unit.

## PRECAUTIONS ON POWER SUPPLY AND SPEAKER CONNECTIONS:

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- 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.



## **CONTACT WITH US**

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