



NA3610

AV Media Receiver

User Manual

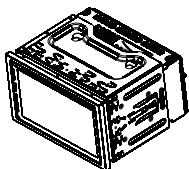


Enjoy the lifestyle of in-car entertainment

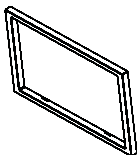
Contents.....	1
Parts in box	2
Safety notes	3
Main menu	3
Radio	4
External play device	4
Disc play	5
Bluetooth	6
DVB-T (Optional).....	7
DVR (Optional)	7
AV-IN	7
Settings operation	8
Technical specification	10
Common troubleshooting guide	11
Audio Connection.....	12
Functions Application.....	13
FCC Statement	14

PARTS IN BOX

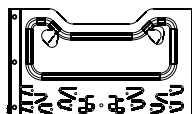
Parts in box



AV Receiver



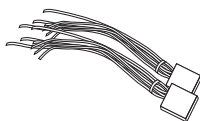
Frame



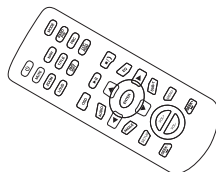
Half Sleeve



GPS Antenna



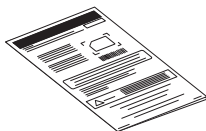
Power Cable



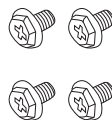
Remote Control



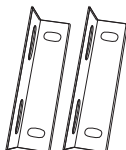
External Mic



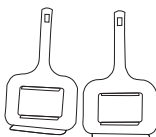
User Manual



Screws



Installation Brackets



Disassemble Keys

Safety note

For your safety, please kindly follow below requirements:

1. Please read the instructions before using the unit, the damage caused by not following the instructions will not enjoy the warranty.
2. To drive safely and avoid break the traffic rules, do not watch program and operate the unit while driving.
3. To avoid short circuit, please do not exposure the device to rain.
4. To avoid short circuit, please do not put in the device or any metal objects left behind.
5. Not open the machine for maintenance by yourself, please go to the professional repair service station for repairing.
6. When the engine is turned off, please do not use the car audio a long time, otherwise the battery may run out.
7. Do not insert anything to the device's vent and other openings.
8. Damage to the screen carefully! Do not use sharp objects push, rub, Stroke the screen.

Basic Operation

Main menu (pls check the actual menu display for reference)

The first time power on, unit will be default into languages setting interface, select the needed country and language, press “√” enter to main menu, as right picture, functions are as below:

Radio: click to enter radio interface.

Disc: can play DVD/VCD/CD/CD-R/CD-RW/DVD+R/DVD+RW etc. format disc.

Bluetooth: click to enter bluetooth interface.

Navigation: please follow the “Navigation Part” instructions.

USB: can play audio/video/picture file in the USB.

DVB-T: click to enter TV function and receive TV signal.(need connect external TV box)

DVR: click to enter DVR function.(need connect external DVR)

Settings: click to enter settings.

AV-IN: outside audio/video input



Screen off: click to power off screen, then click any other space of screen can power on screen.

Radio

Touch “Radio” in main menu to enter radio interface.



Touch  icon can return to main menu.

Touch  icon can switch between FM1/FM2/FM3/AM1/AM2.

Touch  icon can enter EQ setting.

Touch  icon can open/close LOUD.

Touch  icon can open/close LOC function.

Touch  will come input frequency keyboard. Input the needed frequency, or touch prestored stations to select playing.

Touch  icon, short press to scan reserved station, long press to automatically search, and save the strongest singal station in the menu.

Touch  icon can search to low frequency stations.

Touch  icon can search to high frequency stations.

RDS function

Through RDS, based on some information like traffic status, radio station name, etc., AV receiver can automatically switch to the strongest station from same types radio programs.

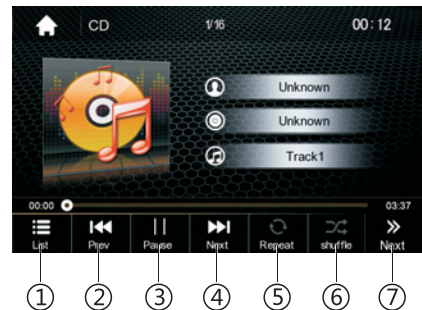
AF: Touch AF can open/close AF mode.

TA: Touch TA can open/close TA mode.

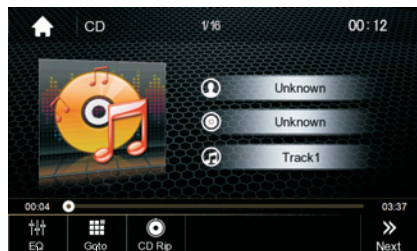
PTY: Touch PTY will show program type, can search stations according to different programs.

External play device

When connect to external play device, AV receiver can play video/audio/picture file, and default switching to below menu:



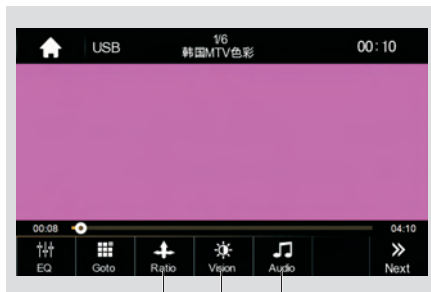
FUNCTIONS APPLICATION



- ① Can enter USB menu.
- ② Can play last song.
- ③ Can pause/play current song.
- ④ Can play next song.
- ⑤ Can play loop mode.
- Circle all — Circle close — Circle single
- ⑥ Random open/close
- ⑦ Can enter next page
- ⑧ Can enter EQ setting, more details please follow “Setting – sound setting” part.
- ⑨ Numbers selection play

Video play

When connecting to external device menu, touch  enter video play interface, will show below menu:



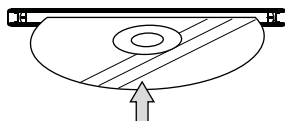
- ①Click can switch screen display proportion (all screen/4:3/16:9)。
- ②Click can adjust screen's brightness/contrast/ saturability/chromacity
- ③Click and switch channels.

Pictures play

When connecting to external device menu, touch  enter pictures playback interface.

Disc play play/take out disc. Play disc

Hold the disc printing side on, insert into disc slot, after system detects the disc, AV receiver will automatically intake disc and play.



Take out Disc

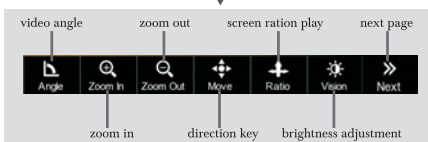
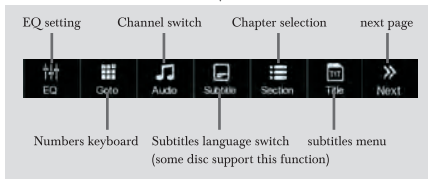
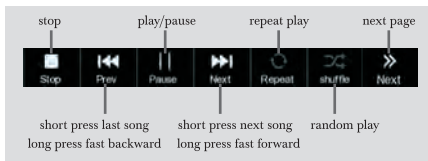
Touch  to take out disc. If in 10s time, disc has not been removed, system will intake disc again but not automatically play.



Attention: do not insert 2 or more disc one time.

FUNCTIONS APPLICATION

Touch Disc from main menu to enter disc menu:



Attention:
when disc stuck caused by using disc incorrectly or wrong operation, please long press for 3s, AV receiver's mechanism will automatically reset and return to normal.

Bluetooth

This system provides dials free service, if your phones have wireless BT connection function, then can connect to the AV receiver, achieve dial/answer/phone book/music play functions. Touch Bluetooth icon can enter BT interface:



- : Dial
- : Calls record
- : Phone book
- : Bluetooth music

Pair/connect

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

- 1.Open the wireless bluetooth connection option in the mobile phone.
- 2.Search the bluetooth device.(can search from phone or AV receiver)
- 3.If connect successfully, there will be prompt information on the screen, input password "0000" and confirm ok.

Dial

After mobile phone and AV receiver connected successfully, can touch numbers to input phone number:

Touch can make a call.

Touch can delete numbers one by one, long press can delete all numbers.

In the calling:

Touch will show numbers keyboard, touch again will exit.

Touch can hang up the call.

Touch can switch call audio to earphone/AV receiver sound.

Touch can switch mute mode.

Note: You can answer/hang up calls by mobile phone also.

FUNCTIONS APPLICATION



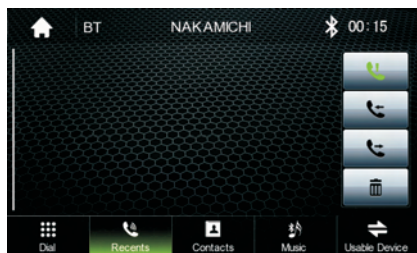
Phone book

When mobile phone and AV receiver paired, can automatically read contacts list from mobile phone and store in the AV receiver. (maybe some phones do not support phone book function)

Click BT menu **[⇄ → ⚙]** icon selection “phone book synchronization” will show “confirm to download phone book?”, click “√” to confirm, AV receiver will automatically download the contacts number.

Calling record

Can check dialed/answered/missed calls in the record. Touch **[📞]** icon enter calling record interface:



- :Check for missed calls.
- :Check for answered calls.
- :Check for dialed calls.
- :Check for dialed calls.

Bluetooth A2DP

Bluetooth A2DP can wireless play mobile phone's music file via audio device. (the mobile phone has to support wireless connection protocol) After wireless connect device paired with AV receiver, music system will automatically connect paired phone. Based on different mobile phones, in some cases, please open audio files playing via mobile keyboard. Click **[🎵]** enter music playing.



- :last song
- :play/pause
- :next song



:EQ setting

DVB-T (Optional)

When connect to external DVB-T box, touch “DVB-T” icon from main menu to enter TV function.

DVR (Optional)

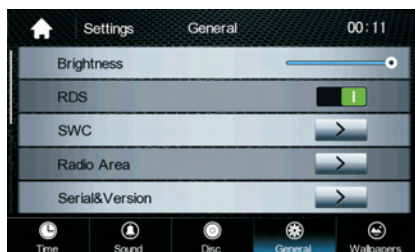
When connect to external DVR product, insert DVR's video input cable to AV receiver's DVR connector, touch “DVR” icon to enter DVR interface.

AV-IN

Insert video input connector to input video's input jack, audio input conencto to input audio's input jack, touch “AV-IN” icon from main menu to enter input interface.

Settings operation

Touch “Setting” icon from main menu to enter below picture:



Touch  can set relevant functions' on/off. Slide fingers up and down, can check more items.

- ◆ Brightness adjustment: Left and right slide  icon can adjust screen's brightness.
- ◆ Radio region: Choose the needed radio region.
- ◆ GPS audio mixing: Choose mixing sound effect: weaken/normal/mute.
- ◆ SWC: Touch “SWC” icon enter steer wheel control menu.

Touch **【Reset】** icon can re-set function.
Touch **【Restore】** icon can preserve.

◆ Factory set: Touch “factory set” icon will show numbers keyboard, input “0000”, then click “✓” icon can enter factory setting interface, set radio region/start logo/function icons/SWC selection/etc.

◆ Serial No./Version No.: Touch **【Serial &Version】** icon enter serial number and version number interface, check the needed information. (Please refer to the actual AV receiver.)

◆ Language setting: Touch **【Language】** icon enter language setting interface, select the needed language.

◆ MIC switch: touch F/R icon can change front or rear mic.

◆ Touch RGB icon can set panel display light colors.

◆ Resume factory setting: Touch **【Reset Factory】** icon will show. **【Confirm to reset factory】** click confirm then can resume, system will automatically restart. All old data and installed third party programs will be lost, please make data backup before resume factory setting.

◆ Navigation path: Navigation path has been set before delivery, please don't enter navigation interface and change path, if need change, please choose the correct path.

Sound Setting

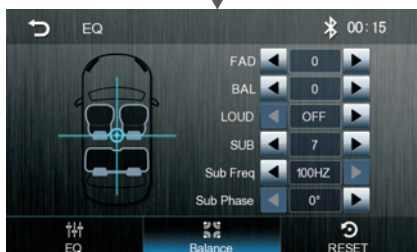
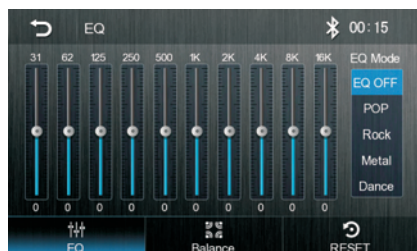
Touch “Sound Setting” enter sound setting interface:



In sound setting menu, can turn on/off keyboard sound/GPS monitor function/GPS mix sound/reverse sound/EQ.

SETTINGS OPERATION

◆EQ: Touch EQ icon enter below menu:



 :up/down slide can switch EQ modes: rock/classical/jazz/etc.

 :enter sound focus control function.

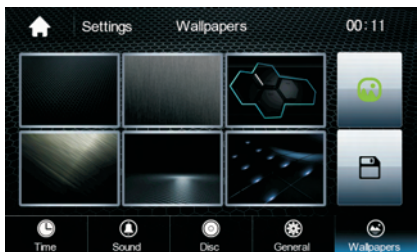
 : fine adjustment relevant functions

 :fast set sound focus's control point.

 :can resume default setting.

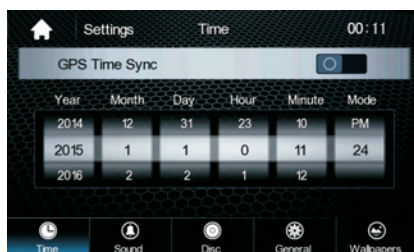
Wallpapers setting

Choose the needed wallpaper, touch "wallpaper setting" icon enter setting interface.



Time setting

Touch "time" enter time setting interface.

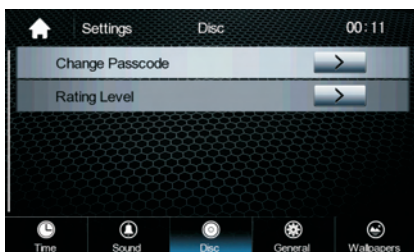


Up/down sliding can set year/month/date/hour/minute/time system.

◆Time zone: Touch Time icon enter time zone setting interface, up/down sliding can scan different time zones, select the needed one.

Disc setting:

Click "disc setting" enter disc setting menu.



Technical specification

TFT screen item

Size: 6.8 inch

Resolution: 800x480 RGB

Contrast ratio: 500

Disc playback item

Disc format: DVD/VCD/CD/CD-R/CD-RW/DVD+R/DVD+RW

Disc diameter: 12CM

Frequency Response: 20HZ-20KHZ

Signal/noise ratio: >60DB

Total Harmonic Distortion: <0.3%

Channel isolation: >50DB

Video signal format: NTSC/PAL

Video output: 1+/-0.2V P-P

USB item

USB standard: USB2.0 full speed

File system: FAT 16/32

Max current: DC 5V-1A

D/A converter: 24BIT

Audio/video decoder: MPEG1/MPEG2/MP4/RMVB/MP3/WMA/JPEG

Bluetooth item

Communication system: BT 2.1 version + EDR

Output: BT standard power 2 class

Max communication range: around 5m

Frequency band: 2.4GHZ

Compatible Bluetooth protocol : HFP/HSP/A2DP/AVRCP

Radio item

FM frequency range: 87.5-108.0MHZ

Medium wave(MW) frequency range: 522-1620KHZ

Usable sensitivity: 2UV(FM)/80UV(AM) (MW)

Video item

External video input system: NTSC/PAL/SECAM

External video input: 1VP-P/75Ω

Audio item

Rated power (RMS): 22Wx4

Pre-output(V):4V/10KΩ

Pre-output impedance: ≤600Ω

Speakers impedance: 4-8Ω

External audio input: 600MV/10KΩ(<1% THD)

General

Operation voltage: 14.4V(10.5-16V)

Installation size(WxHxD): 178x152x100MM

Operation temperature: -10℃+70℃

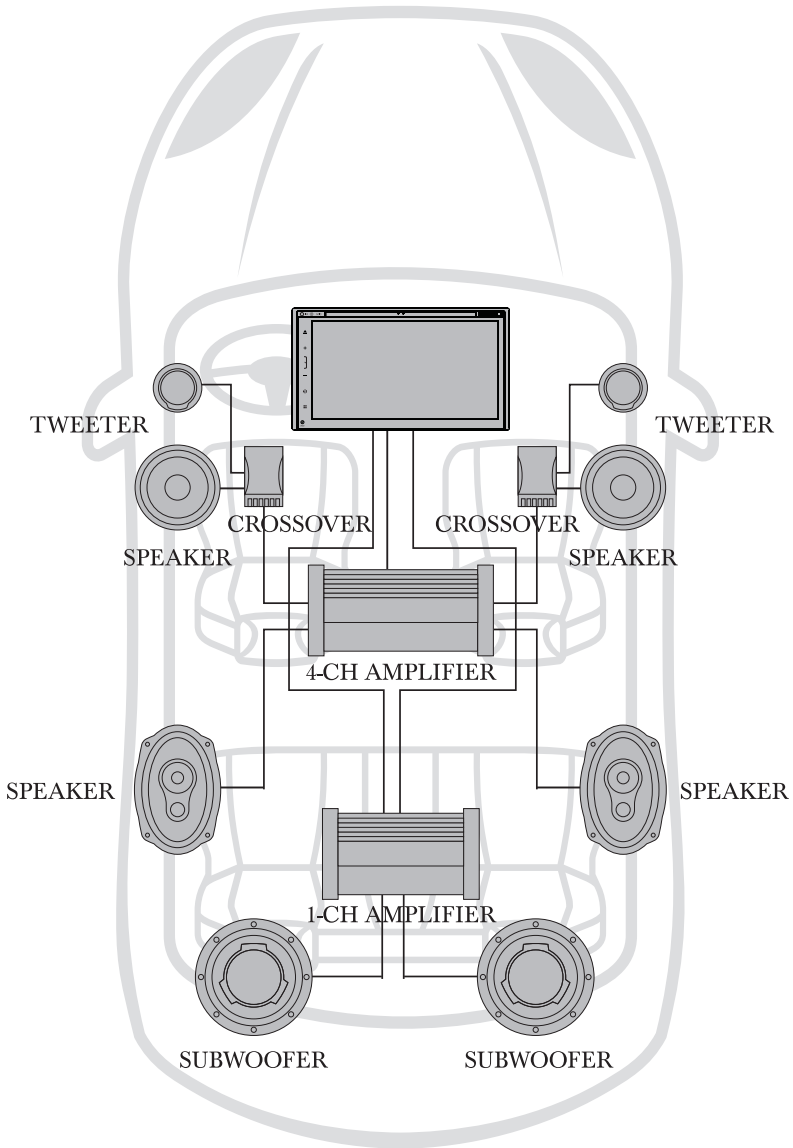
Storage temperature: 20℃+80℃

Net weight: 1.92KG

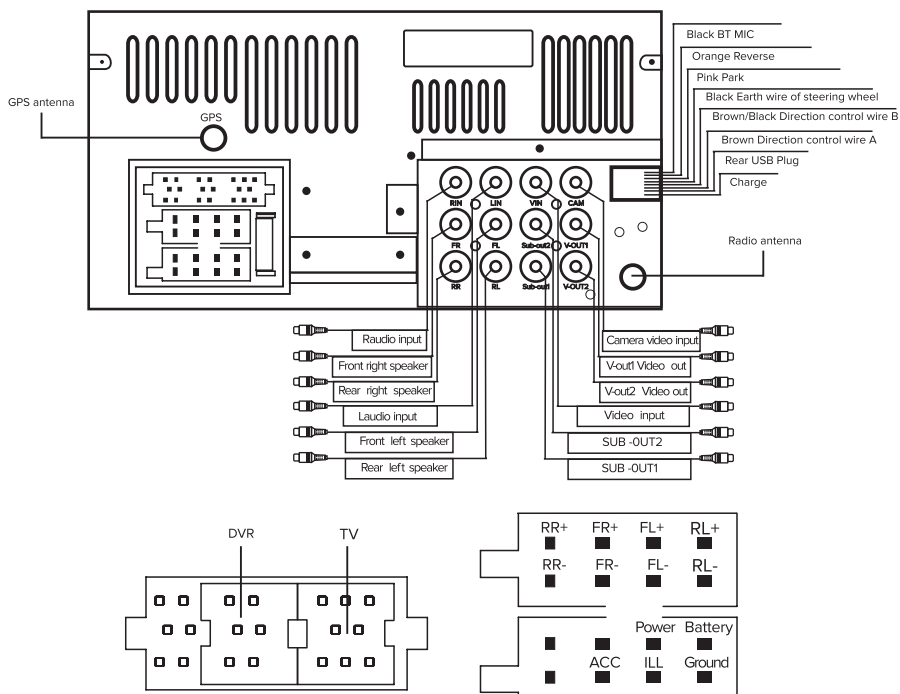
COMMON TROUBLE-SHOOTING

Problem	Cause	Correct action
Cannot 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
Cannot load disk	There is a disk inside	Remove disc before inserting another one
Cannot play disc	Disc is scratched	Change new disc
	Put wrong side of disc into the unit	Slot in the disc with sign side up
	Lens has dirt	Clean lens by lens clean disc
Cannot switch language/subtitle	There is only one language/subtitle in disc	If disc is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Other factors cause MPU wrong operation	Press RES button on the panel by penpoint, then, power on
Cannot 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.

Audio Connection



Functions Application



FCC Statement

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC

Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.



Design and specifications are subject to change
without notice

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