



# NA1610 AV Media Receiver User Manual



Enjoy the Lifestyle of In-Car Entertainment

**FCC ID :2AB7S-NA1610**

**FCC Compliance Statement:**

This device complies with Part 15 of the FCC rules. Operation is subjected 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

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Thank you for purchasing 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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### NAVIGATION

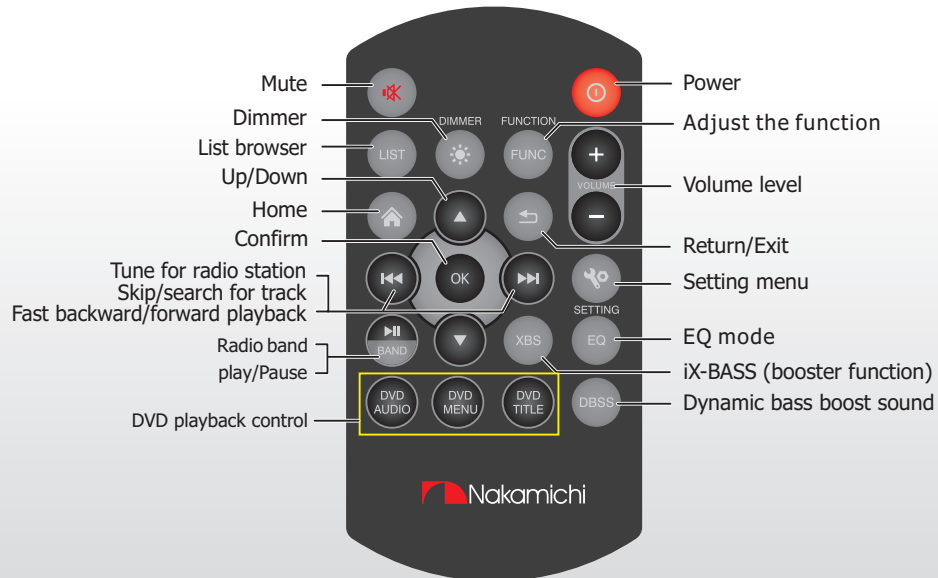
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# INTRODUCTIONS

## Overview the unit

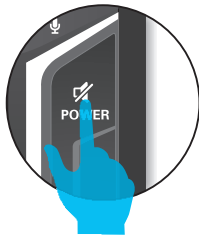


# INTRODUCTIONS

## Get started

Please select the suitable Language & country/region for this unit, otherwise the unit can not work properly.

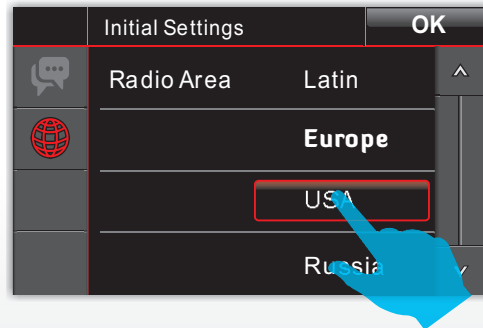
1. Press this button to power On the unit, The available OSD are displayed.



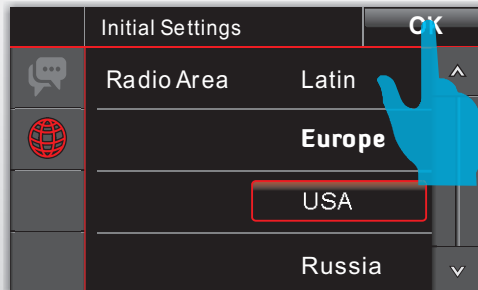
2. Tap to select suitable a language



3. Tap to select suitable a country /region



4. Tap OK button to confirm



# INTRODUCTIONS

## Basic operations

Access to HOME



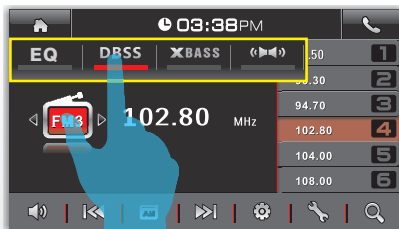
Tap to MUTE



Access to CLOCK



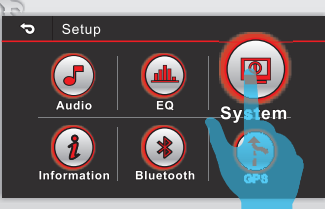
Audio Control



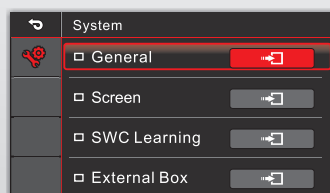
Adjust the dimmer level



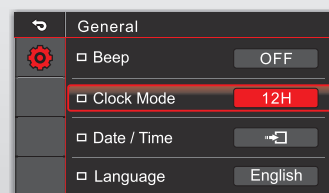
Access to Setup Menu



Access to system settings



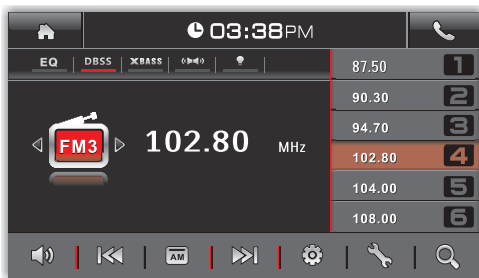
Access to General settings



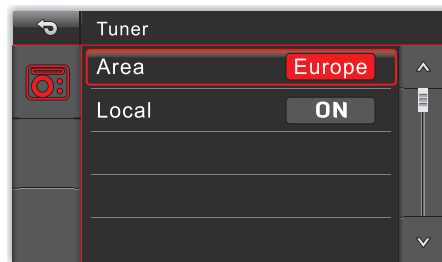
# AV MEDIA

## Listening to the radio

Tap on  button on the TFT screen access into the tuner function.



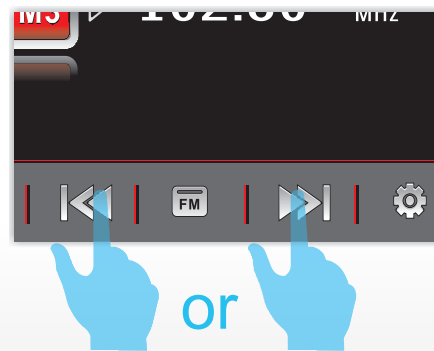
Tap on  button into the Tuner Function menu.



Tap BAND to change to FM or AM



Press to AUTO SEEK  
Press and hold to MANUAL SEEK



Tap to Auto Store



Press and hold to Store stations

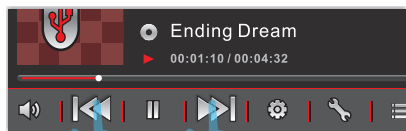


Preset List

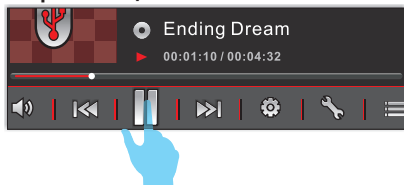
# AV MEDIA

## Playing of Music

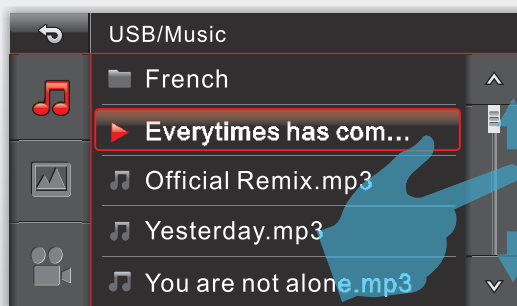
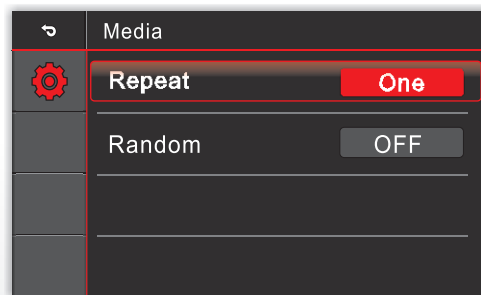
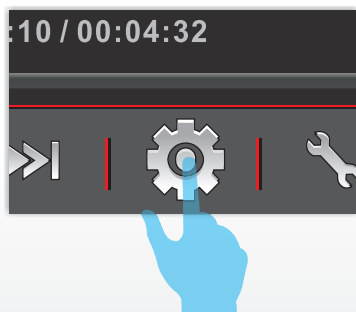
Tap UP/DOWN



Tap PLAY/PAUSE



Adjust the different REPEAT mode



Quick Browser

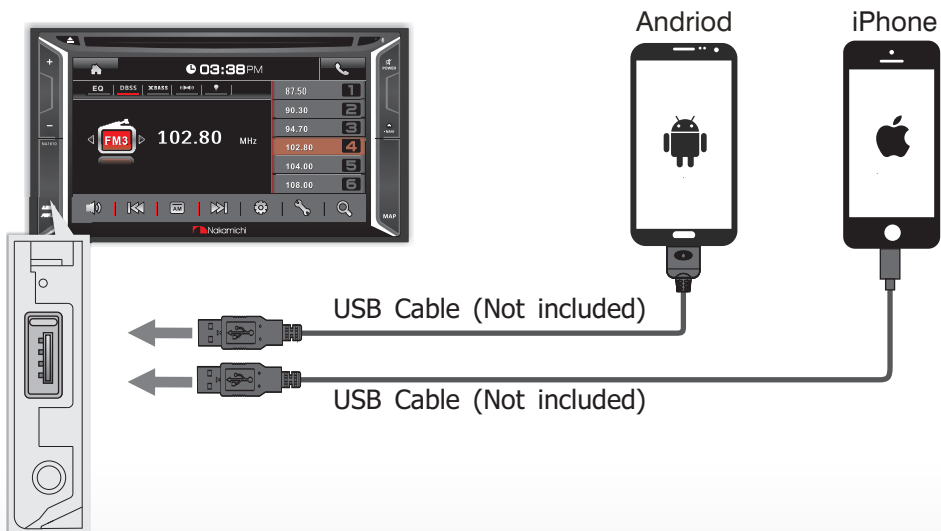


# AV MEDIA


## USB Smart Phone 1A Charge

This unit can support USB Smart Phone 1A Charge.

- Open the USB Socket cover to left.
- Insert the iPhone or Smart Phone device into the USB socket.
- Once is recognized, the iPhone or Smart Phone begins to charge.

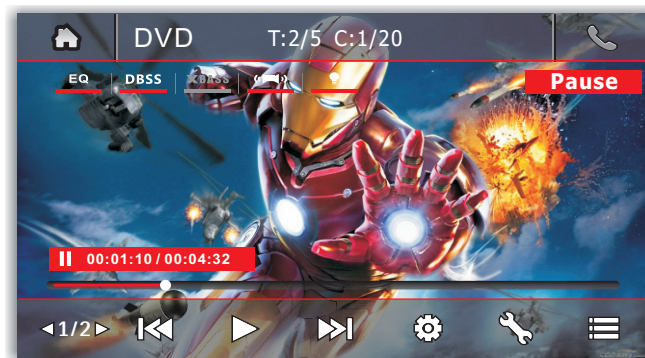











### TIPS

1. The device only can charge Phones, but cannot play or decode music files stores inside the Smart Phones.
2. Connect the desire playback device USB to the USB socket, access to the HOME, then tap the  to start playback mode.

# AV MEDIA

## Enjoying the movie

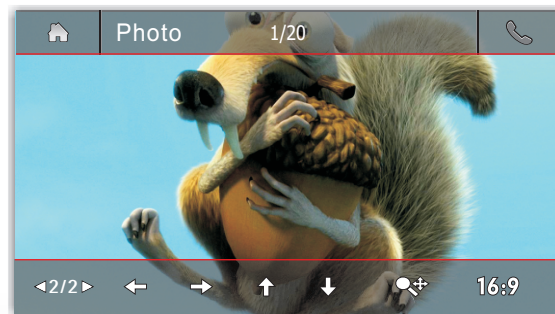
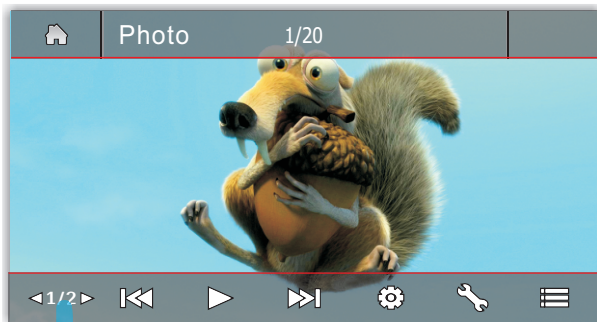


	Home menu
1/2 2/2	Change function bar
	Previous, Pause /Play, Next
	Media function menu.
	access to system menu
	Top Menu or Browser
	Select the audio type. (For DVD-VR:Select the audio channel)
	Repeat playback mode
<b>GOTO</b>	Access into the search mode (DVD only).
	Up/Down/Left/Right
	Zoom the video & photo
<b>4:3 16:9</b>	Select aspect ratio

# AV MEDIA

## Viewing the photo

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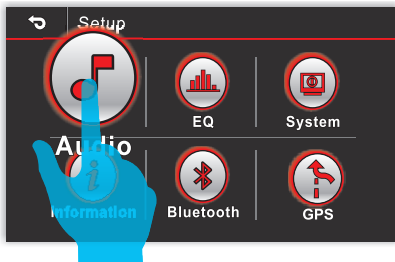


1/2 2/2	Change function bar
☰	Top Menu or Browser
←	Move left the zooming frame
↑	Move up the zooming frame
↓	Move down the zooming frame
→	Move right the zooming frame
🔍+	Zoom the photo

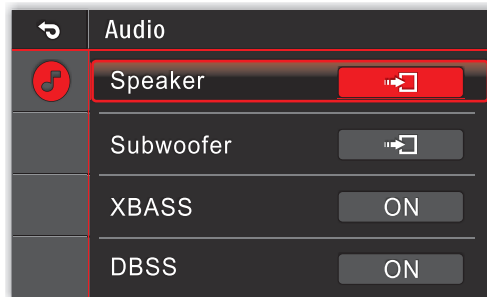
# AUDIO ADJUSTMENT

## Speaker/Subwoofer

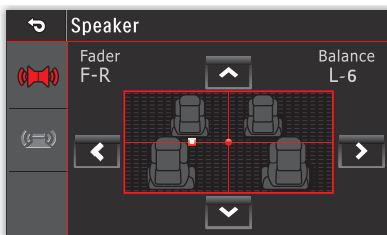
### Access to System Menu



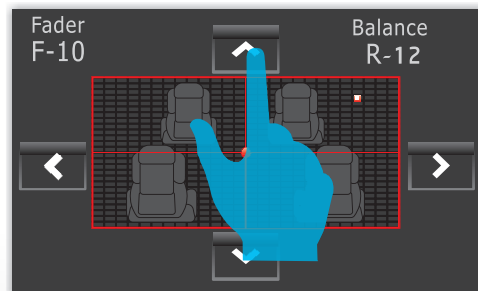
### Access to Audio Menu



### Speaker settings

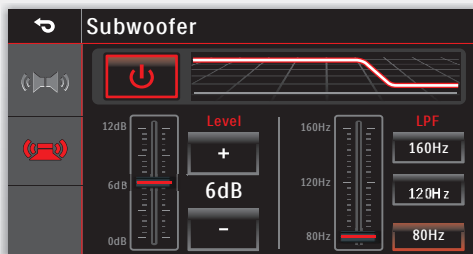


### Adjust Fader/Balance Value From -12 to +12



### SUB-WOOFER settings

Touch to turn On / Off the subwoofer  
Tap on / buttons to adjust value of subwoofer level.



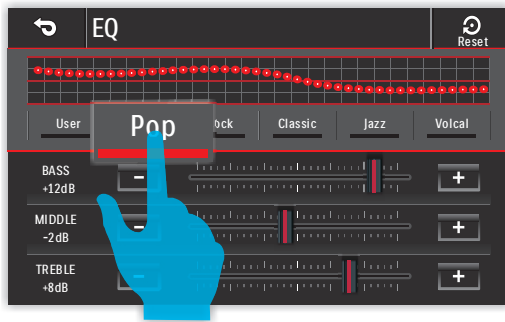
### Low Pass Filter Transfer Function



# AUDIO ADJUSTMENT

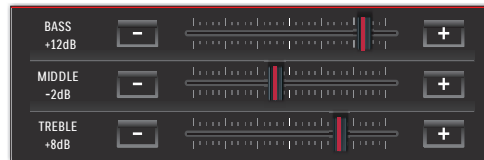
## Equalizer

### 6 Preset EQUALIZER

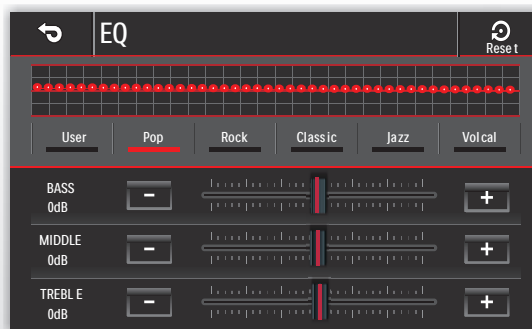
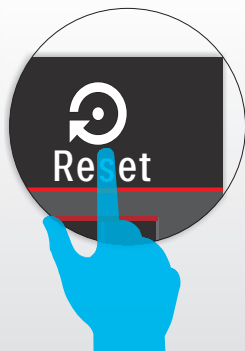


Tap on **+/-** button to adjust the level:

- [BASS]: bass level range -15dB to +15dB.
- [MIDDLE]: middle level range -15dB to +15dB.
- [TREBLE]: treble level range -15dB to +15dB.



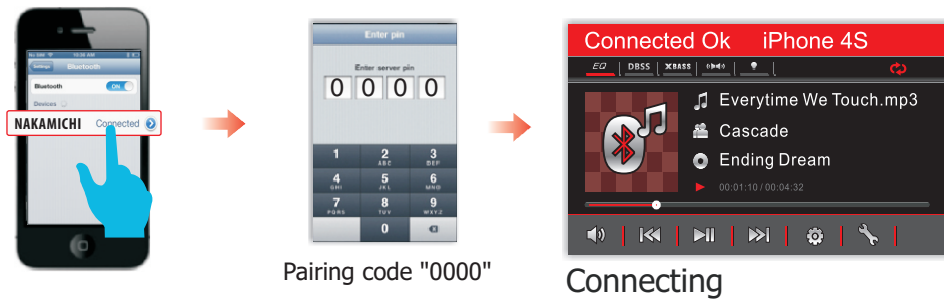
 Resume to factory default value



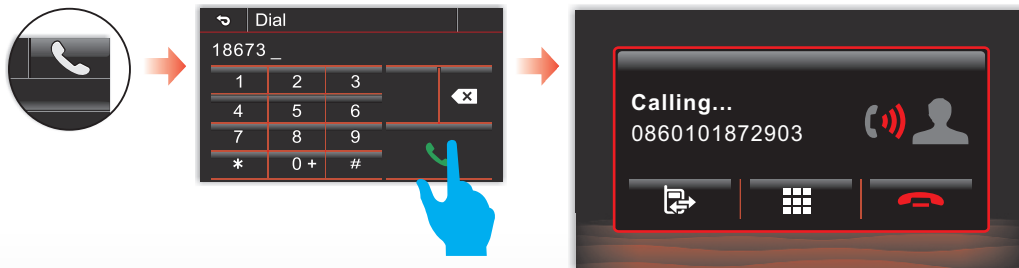
# BLUETOOTH

## Using bluetooth

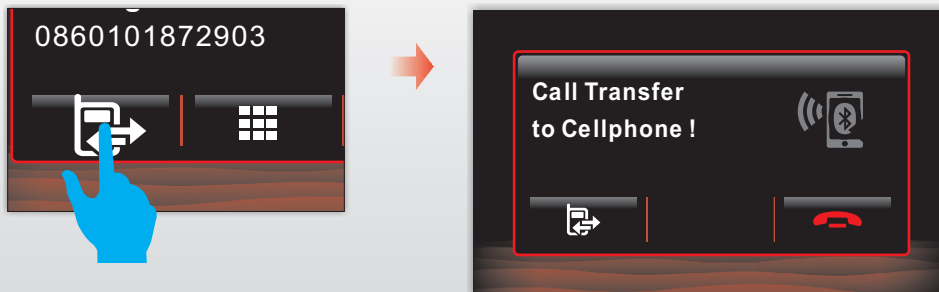
How to pair & connect device ?



Making A Call



Call Transfer



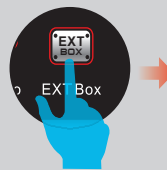
# External Box

## Mirror Phone/Analog TV/DVBT Box

This unit can support connecting the External box: Mirror Phone Box / Analog TV Box / DVBT Box.

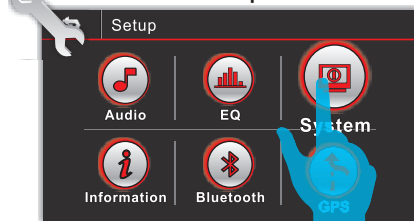
### TIPS

Before operating the External Box function, please go to Setup Menu to select proper type of the external box.

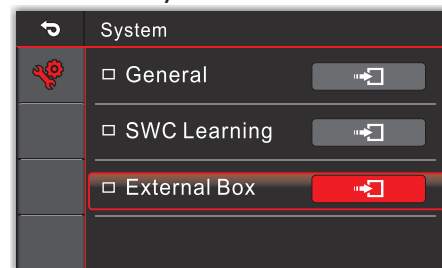


To enable the external box  
Please access  
Setup/System/External Box  
for select proper type  
of the external box

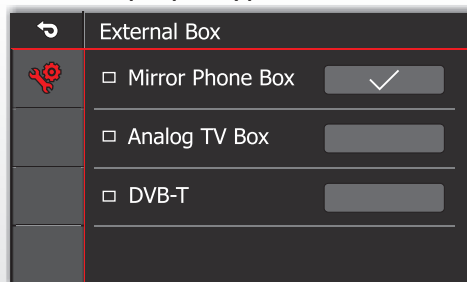
### Access to Setup Menu





### Access to System Menu



### To select proper type mode

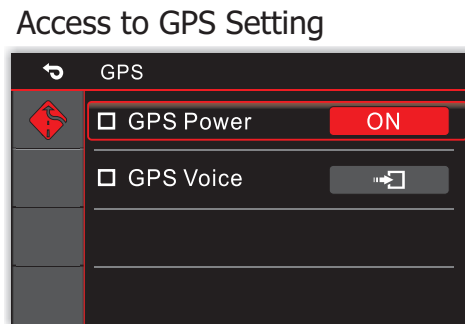
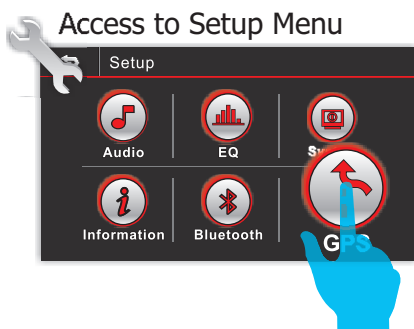


### TIPS

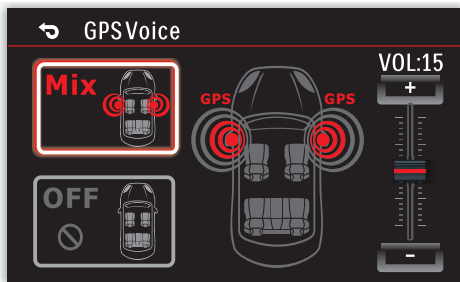
1. Access to HOME, tap  or  to activate the Mirror Phone Box / Analog TV / DVBT function.
2. For the detailed operation of each mode, please refer the User Guide.

# NAVIGATION

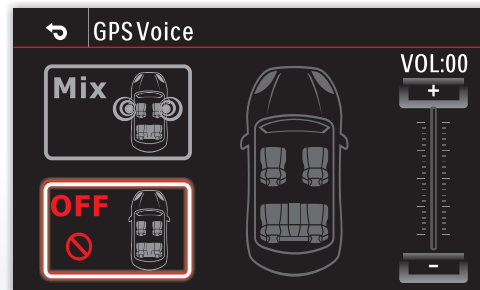
## Navigation Settings




### Navigation Voice Setting

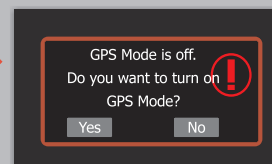


### Turn Off the Navigation Voice



**TIPS**

1. If the GPS Navigation mode is off, tap , the right OSD will display.



2. For the detailed operation, please refer the "Navigation User Manual"



# REFERENCE

## Specifications

### TFT Monitor section

Screen Size	:6.2 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
Decoding Format	:MP3/avi/WMA/MPG1/MPEG2

### Radio section

Frequency FM range	: 87.5 - 107.9 MHz
Frequency AM(MW) range	: 530-1710 KHz
Usable sensitivity	: 2 uV (FM) : 80 uV (AM)(MW)

### USB interface section

USB Standard	:USB 2.0 Full Speed
File System	:FAT 16/32
Maximum Current	:DC 5V= 1A
D/A Converter	:24Bit
Decoding Format	:MP3/avi/WMA/MPG1/MPEG2

### Video section

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

### Audio section

Maximum Power	: 50Wx4
Continuous Power Output (RMS)	: 22 Wx4
Preout Level (V)	: 2 V/10kΩ
Preout Impedance	: ≤ 600Ω
Speaker Impedance	: 4-8 Ω
External Audio Input Level (RCA)	: 1 V/10KΩ
External Audio Input Level (3.5mm Jack)	: 600mv/10KΩ (<1%THD)

### Bluetooth section

Communication System	: Bluetooth Standard version 3.0
Output	: Bluetooth Standard Power Class 2
Maximum Communication Range	: Approx. 5meters
Frequency Band	: 2.4 GHz
Compatible Bluetooth Profiles	: HFP/HSP/A2DP/AVRCP
Supported Codexs	: SBC (Sub Band Codec)

### Navigation Section

Reception system	:20 channel multi-channel reception system
Reception frequency	:1575.42MHz
Sensitivity	: -130dBm
Position update frequency	:Approx.once per second

### General

Operating Voltage	: 14.4V(10.5-16 V)
Dimension(WxHxD)	: 178x102x172mm
Operational Temperature Range	: -10° C~+60° C
Weight	: 1.9 kg



Design and specifications are subject to change  
without notice

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