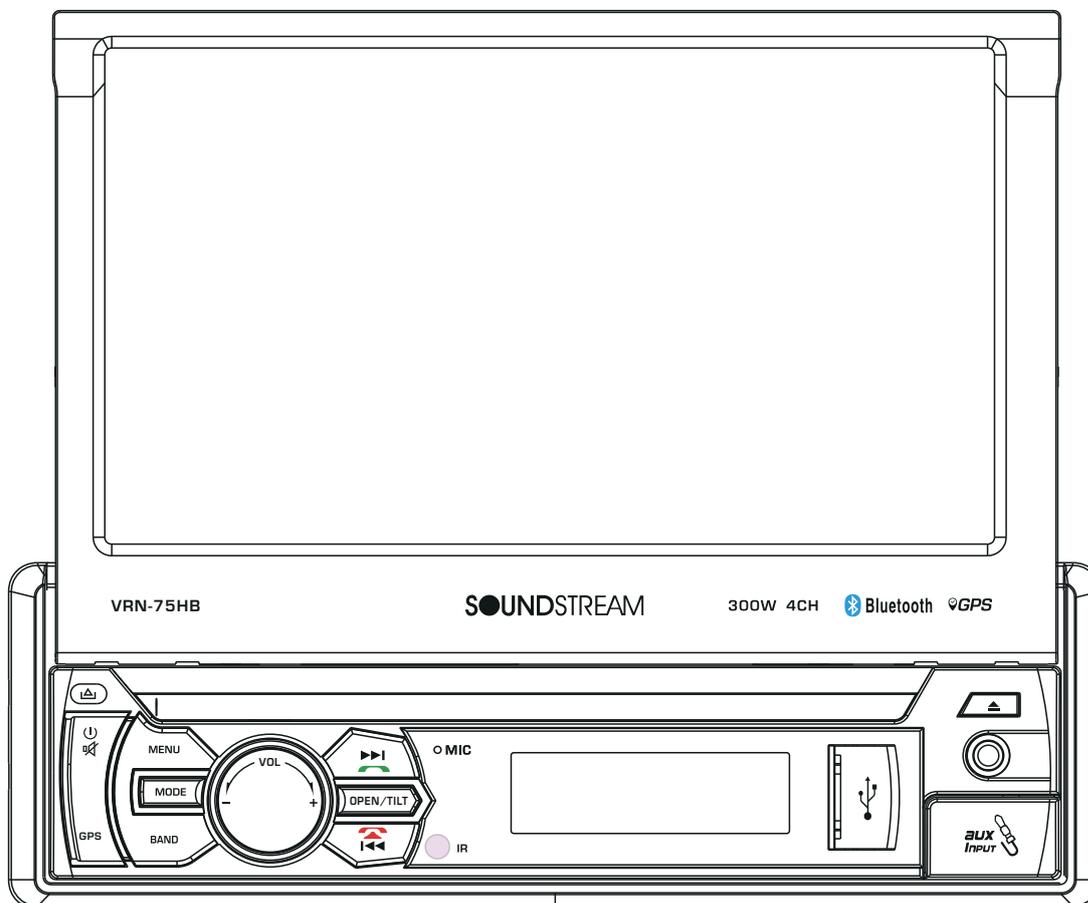


# SOUNDSTREAM

## VRN-75HB

**In-Dash 7" Monitor**  
**Touch Screen**  
**Built-in GPS**  
**DVD/CD/MP3/MP4**  
**AM/FM Radio**  
**With Bluetooth**



# Owner's Manual

Take the time to read through this owner's manual.  
Familiarity with installation and operation procedures will help you obtain the best  
Performance from your new GPS/DVD-receiver.

## **WARNING!**

To promote safety, certain functions are disabled unless the parking brake is on. The Unit is designed to detect parked status and must be connected to the power supply side of the parking brake switch. Improper connection or use of this connection may violate applicable law and may result in serious injury or damage. To avoid the risk of damage and injury and the potential violation of applicable laws, this unit is not for use with a video screen that is visible to the driver.

- To avoid the risk of accident and the potential violation of applicable laws, the front Video image feature should never be used while the vehicle is being driven. Also, other video displays should not be in a location where it is a visible distraction to the driver. In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed and this unit's DVD features should not be used.
- Please remember to wear your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled.
- The supplier waves any and all liability when these warnings are not followed.

## **OPERATION PRECAUTIONS**

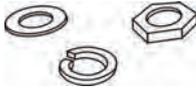
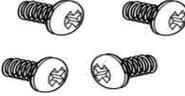
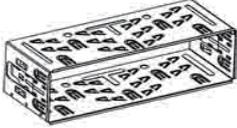
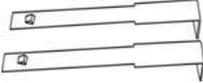
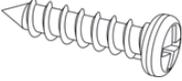
- Only connect to a 12Vdc battery and negative grounding.
- Avoid placing the product in direct sunlight, in areas with high levels of dust, high temperatures (over 40°C) or high humidity (over 90%). In case of high temperatures, cool down the car interior by means of ventilation or air-conditioning.
- Operate in well ventilated areas.
- Do not turn on or off the product in short intervals. When turning the unit off, wait for at least 10 seconds prior to turning the unit on again. Do not operate the player with scratched, bended or broken discs and when a disc is not loaded properly, do not force it into the player.
- Do not watch video playback while driving which will cause serious danger and risks of traffic accident. It may violate the laws and regulations.  
(There may be exceptional case, i.e., using rear view camera and navigation system)
- Do not install the unit where the operation for safety driving is restrained.
- Do not disassembly the unit by yourself, if need repairing, please take the unit to the after service center.
- Do not open and close the monitor manually, it may damage the monitor tilt system.
- Do not touch the LCD screen by hard objects, it may damage or give scratch to the LCD screen.
- If the back of monitor touches dashboard or air-conditioner inlet etc after open the monitor , then setup TILT level in monitor TILT menu to prevent damage from repeat touching.
- Car parking under direct sunlight may increase the temperature inside the car and the unit may not be in proper operation, please try it again after the temperature returns to normal.
- Do not replace the fuse on the power cable without professional guidance, using improper fuse may cause damage to the unit or even cause burn the unit.
- Do not use irregular shaped Disk.
- IR remote control operation may be hindered by monitor when the monitor is opened, thus please use the remote control at the similar level of remote control receiver.
- Do not install the unit where the cooling fan is blocked.

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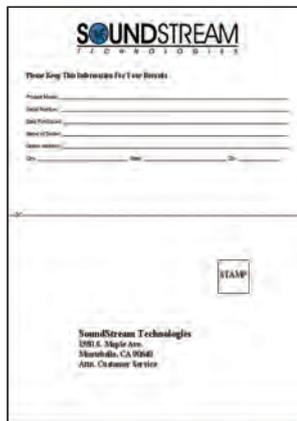
# ACCESSORIES

Package contains the following accessories for installation and operation of the unit.

(1) Washer, Spring Washer, M5 Nut	1 each	
(2) Mounting Strap	1	
(3) Bolt	1	
(4) Screw	4	
(5) Mounting Collar	1	
(6) Release Key	2	
(7) Screw	1	
(8) Rubber Cushion	1	



Remote Control



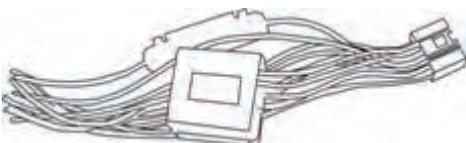
Warranty card



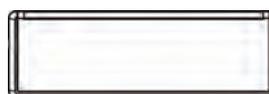
User Manual



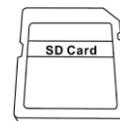
GPS cable



Power Cable



Trim ring



SD card (MAP)

Noted:  
Product image may vary from the actual delivery.

# INSTALLATION / UN-INSTALLATION

## Note

Before starting installation of the unit, make sure the wiring is connected properly.

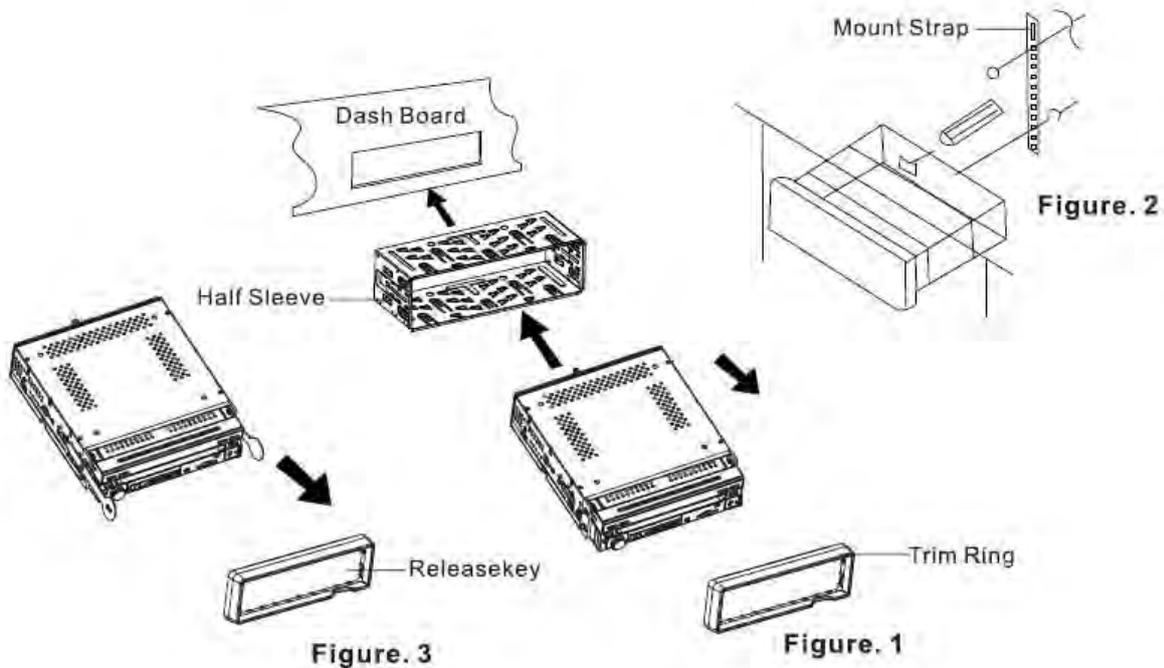
Use only the parts provided with the unit to ensure proper installation.

The use of unauthorized parts may cause malfunction.

Install the unit where it does not get in the driver's way and will not injure the passenger in case there is a sudden stop, like an emergency stop.

## ◆ INSTALLATION (Figure 1)

- ◇ Insert Half Sleeve into dash-board hole and bend mount tabs outwards to fix it
- ◇ If necessary, place the mount strap at the rear of the unit and fix it with provided washer as figure 2.
- ◇ Push the unit into the Half Sleeve until you hear a click sound
- ◇ Place Trim Ring over the unit and installation is completed as figure 3. (Some vehicle may not need Trim Ring)



## ◆ UN-INSTALLATION

Insert the supplied extraction keys into the unit and pull the unit out with keeping the extraction keys. (as Figure. 4)

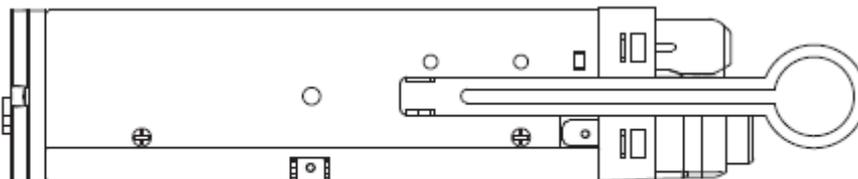
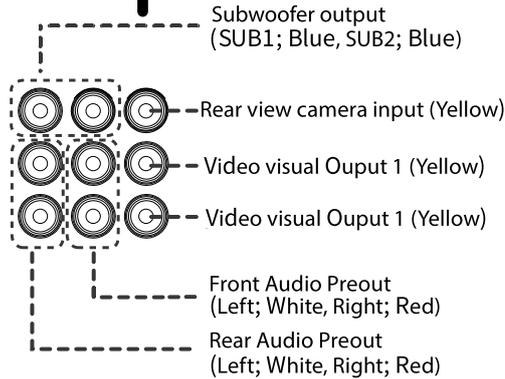
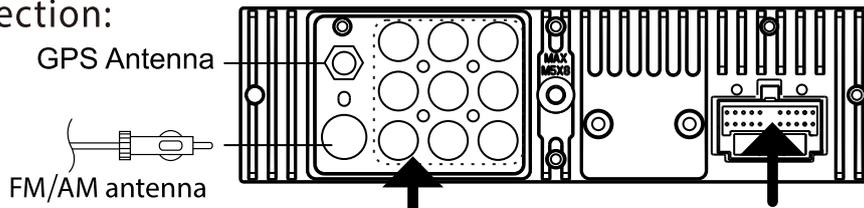


Figure. 4

# WIRING CONNECTIONS

Connection:



Wiring harness connector function guide

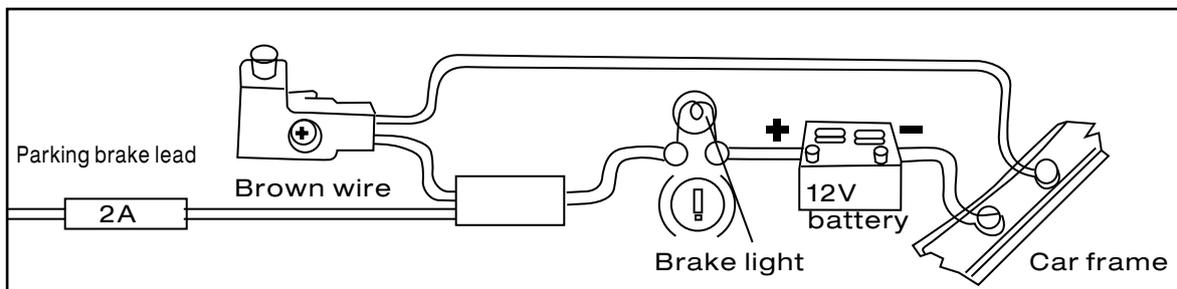
Pin	Color and function	
1 / 2	White (+) / White/Black (-)	Front Left
3 / 4	Green (+) / Green/Black (-)	Rear Left
5	Red	ACC/Fuse
6	Green	SWC (IR)
7	White/Blue	SWC 2
8	White	SWC 1
9	Brown	Camera
10	Pink	Parking Brake
11 / 12	Grey (+) / Grey/Black (-)	Front Right
13 / 14	Purple (+) / Purple/Black (-)	Rear Right
15	Black	Ground
16	Yellow	Battery (+)
17	Black	SWC Ground
18	Brown	Illumination
19	Blue	Auto Antenna
20	Dark Blue	Remote Amplifier

NOTE: Never connect cable to the system while it is connected to the battery power. Whenever the unit is disconnected from the battery, the preset memory will be erased and the unit will go back to its factory defaults.

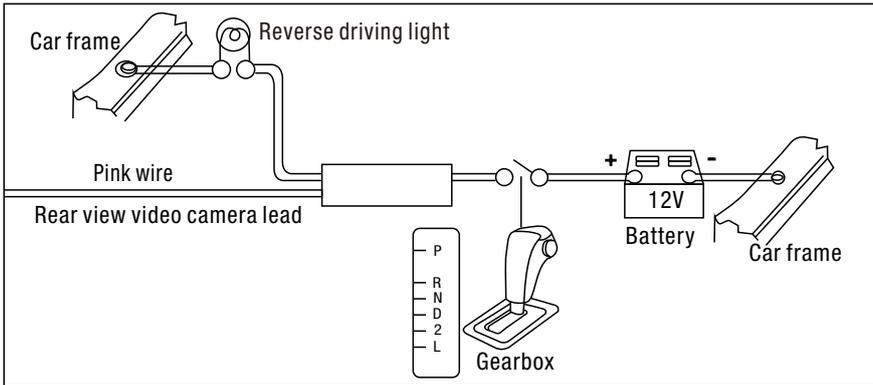
Note: To watch video the parking wire should be connected to break signal. 2 cables is connected to a Hands-Free device (not included).

Parking wire

Note: The parking wire is connected with brake signal; for safety, the programs can be seen on the monitor after braking the car.



## Connecting the reversing line to taillight on the car



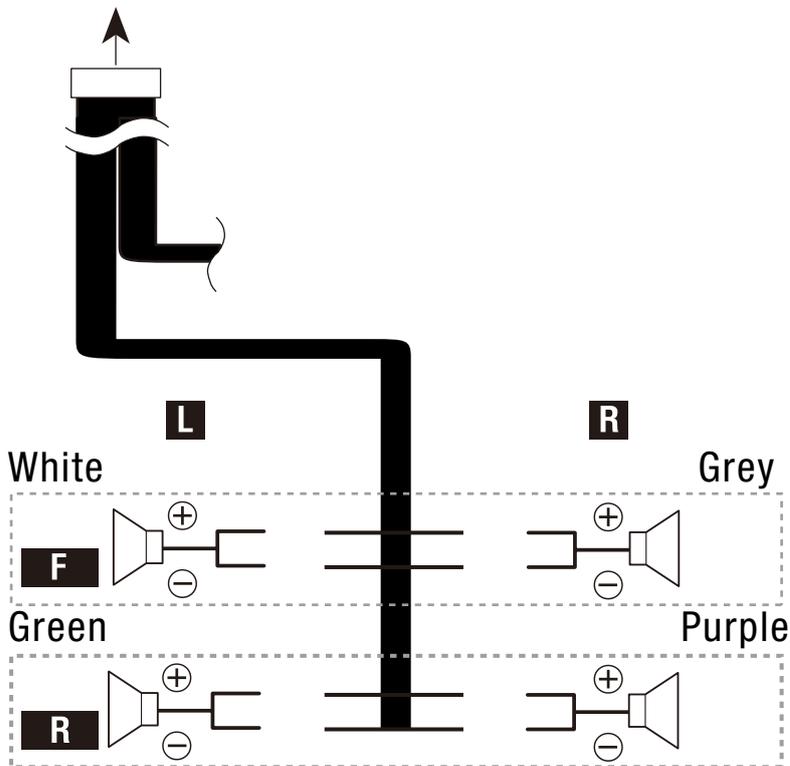
After connecting, when you start up the reverse gear, the unit will receive the picture from car rear view camera.

### Note:

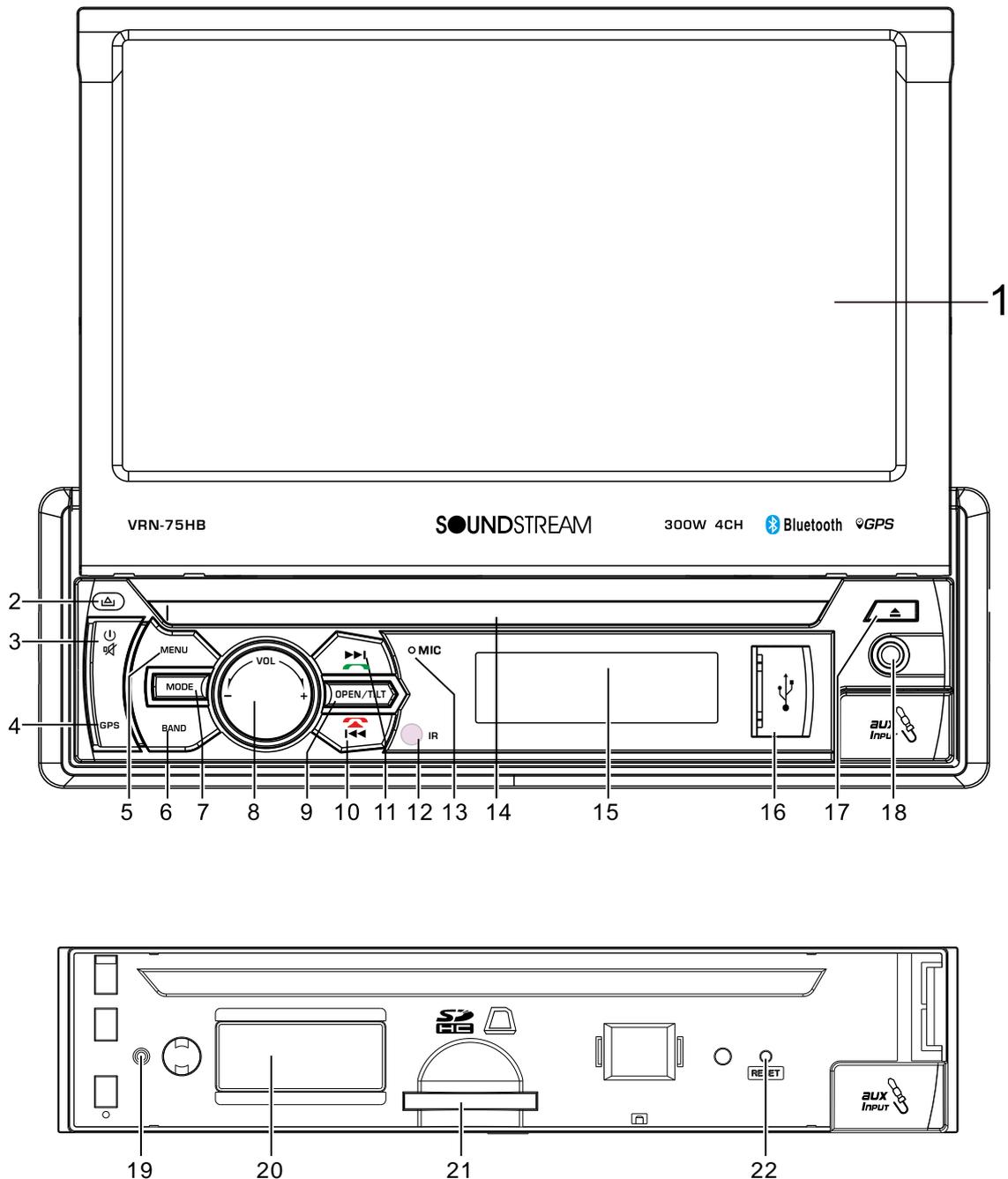
- Only use groundless loudspeakers.
- Use only loudspeakers of minimal 40Watt, using fewer watts may result in damaging your loudspeakers at higher volumes.
- Use 4~8  $\Omega$  (Ohm impedance) loudspeakers only; using higher or lesser impedance may damage the unit.
- Do not use 3-cable loudspeakers and do not connect the loudspeakers minus to the car body (GND). The unit is using a BTL circuit and each loudspeaker must be connected with insulated cables according the diagram.
- Loudspeaker cables and/or optional external power amplifiers must always be about 30cm away from the antenna and/or antenna extension parts.

Connect the speakers according the following diagram, incorrect connections will damage the unit or your loudspeakers

### Correct Speaker Connection



# PANEL



## 1. Touch panel

## 2. Release button

Press to detach and release the front panel. When the unit was released, it will switch off automatically after a few second. **Detach/Attach the Panel:** Press REL button and pull out the left side to detach the panel. To attach it, insert the right side first and then press the left side until hear a click sound.

## 3. POWER/MUTE

**POWER:** Press it to turn on the unit. Press and hold for 2 seconds to turn the unit off.

**MUTE:** Press it to MUTE the volume output, press it again to resume volume when the power on.

#### 4. GPS button

Press it to enter GPS mode.

#### 5. MENU button

Press it to back to home page.

#### 6. BAND

In Radio mode, press it to change radio band in sequence of FM1 → FM2 → FM3 → AM1 → AM2.

#### 7. MODE button

Press it to select the mode: Radio, DISC (if there is a disc in unit), USB (if there is a USB device in the unit), CARD (if there is a SD/MMC card in the unit), Bluetooth and AV IN.

#### 8. VOL Knob

**VOL Knob:** Adjust the volume level by turning the knob clockwise to increase or counterclockwise to decrease.

#### 9. OPEN/TILT button

Press this to open and close the TFT monitor. **WARNING:** Do not obstruct the monitor while in the opening or closing cycle, this may cause damage to the monitor mechanism and is **NOT** covered under warranty.

Press and hold for 2 second to adjust the Monitor tilt angle: TILT ANGLE 1 => TILT ANGLE 2 => TILT ANGLE 3 => TILT ANGLE 4.

#### 10. button (optional)

In Radio mode, press to start automatic searching, press and hold for two seconds to start manual searching, then press them to tune each frequency step upward.

In DVD / SD / USB mode, press  button to skip to the next track. Press  button and hold for two seconds to activate fast forward (FF) search in a track.

 In Bluetooth mode, press to make a call after inputted a phone number or accept an incoming call.

#### 11. button (optional)

In RADIO mode, press to start automatic searching, press and hold for two seconds to start manual searching, then press to tune each frequency step downward.

In DVD / SD / USB mode, press  button to skip to the previous track. Press  button and hold for two seconds to activate fast reverse (REW) search in a track.

 In BLUETOOTH mode, press to answer a coming call or hang up while calling.

#### 12. IR Sensor

IR Remote control signal receiving window. Max distance is 6-8 meters, 45 angles.

#### 13. MIC

#### 14. DISC slot

#### 15. Info Display

Information Display LCD when operation the unit.

#### 16. USB slot

**USB slot,** for Multimedia playback files only. Insert a USB into this slot and the unit will automatically start reading and playback it. Supported Music File Format: MP3, WMA Files

#### 17. EJECT button

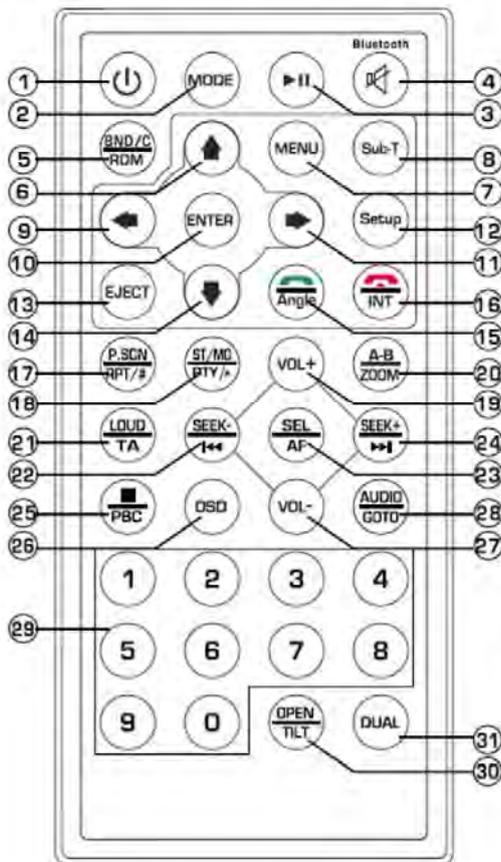
Press to eject a disc. If the disc is not removed for about 10 seconds after  eject, the disc is reinserted automatically.

#### 18. AUX Jack

Put the AV plug into the AUX jack which was marked on front panel.

- 19. Anti-Theft LED flash
- 20. Connector
- 21. GPS MAP CARD
- 22. Reset button  
Default to factory setting。

## REMOTE CONTROL



- |                                                 |                            |
|-------------------------------------------------|----------------------------|
| 1 Power ON/OFF                                  | 3 Play/Pause               |
| 2 MODE                                          | 4 Mute/Bluetooth           |
| 5 BAND/RDM<br>Clear(Only for BT)                | 7 MENU                     |
| 6 UP Arrow                                      | 8 Sub-t                    |
| 9 Left Arrow                                    | 11 Right Arrow             |
| 10 Enter                                        | 12 Setup                   |
| 13 Eject                                        | 15 Angle                   |
| 14 Down Arrow                                   | 16 INT (Only for BT)       |
| 17 P.SCAN/RPT<br>#(Only for BT)                 | 19 VOL+                    |
| 18 ST/MD<br>PTY(Only for RDS)<br>*(Only for BT) | 20 ZOOM/A-B                |
| 21 LOUD<br>TA(Only for RDS)                     | 23 SEL<br>AF(Only for RDS) |
| 22 SEEK- / <<<                                  | 24 SEEK+ / >>>             |
| 25 STOP/PBC                                     | 27 VOL-                    |
| 26 OSD                                          | 28 AUDIO/GO TO             |
| 29 Number Key                                   | 30 OPEN/TILT<br>(Optional) |
|                                                 | 31 DUAL(Optional)          |

**Note:**

- 1 AF just for RDS model
- 2 TA/PTY for RBDS/RDS model
- 3 \* # Bluetooth
- These Functions for Bluetooth Models
- 4 EJECT OPEN/TILT DUAL  
Optional function

### 1. POWER

Press it to turn on or turn off the unit.

### 2. MODE button

Press it to select the mode: Radio, DISC (if there is a disc in unit), USB (if there is a USB device in the unit), CARD (if there is a SD/MMC card in the unit) and AV IN.

### 3. PLAY/PAUSE button

In DVD mode, press it to stop playback, press again to resume.

### 4. Mute button

: Short press this button to mute the volume output, press it again to resume volume.

Long press it enters to Bluetooth mode.

### 5. BAND/ RDM ( Only for BT )

In Radio mode, press to change radio band in sequence of FM1 → FM2 → FM3 → AM1 → AM2

In DVD mode, press it to play randomly.

#### **6. Cursor buttons**

Use the  buttons to select the menu item. The title it track or to show next frame.

#### **7. MENU button**

Press it to show main menu, in DVD mode, long press it to enter TITLE MENU (Enable only if the DVD disc with title menu).

#### **8. SUBTITLE button**

Press it to select the subtitle language (Available only if the disc with subtitle function).

#### **9. Cursor buttons**

Use the  buttons to select the menu item. The title it track or to show next frame.

#### **10. ENTER button**

Press it to confirm selection or setting.

#### **11. Cursor buttons**

Use the  buttons to select the menu item. The title it track or to show next frame.

#### **12. SETUP button**

In DVD mode press it to enter the setup menu.

#### **13. EJECT button**

Press it to eject the disc.

#### **14. Cursor buttons**

Use the  buttons to select the menu item. The title it track or to show next frame.

#### **15. ANGLE button (Only for BT)**

In DVD mode, press it repeatedly to change the viewing angle (Available only with a recorded DVD file or DVD disc that has this function).

#### **16. INT button (Only for BT)**

Press it to activate the intro function. You can play the beginning of every track for 10 seconds in sequence.

#### **17. P.SCN/ RPT**

In SD CARD/ USB mode, press to repeat REP 1 => REP DIR => REP ALL

In DVD mode, press to start repeat REP OFF=>REP Chapter=>REP Title=>REP Off.

In Radio mode: PS (Preset Scan): Press to scan all preset stations in the memory of the current band and stay on each memory stations for about 5 seconds.

AS (Auto Save): Long press to save the stations with good reception automatically.

#### **18. STEREO/MONO (PTY only for RDS/ \* only for BT)**

Press STEREO button to select STEREO or MONO.

#### **19. VOL+ button**

Press to increase volume level.

#### **20. A-B/ZOOM button**

During playback, press it at the starting point of section you want to repeat (A), press this button again at the ending point of the section you want to repeat (B), section A-B repeating starts. Press it again to cancel the A-B repeat function.

Press it and hold for two seconds in DVD mode to zoom the image in or out in the sequence of ZOOM 2-> ZOOM 3-> ZOOM 4-> ZOOM 1/2-> ZOOM 1/3-> ZOOM 1/4.

#### **21. LOUD (Only for RDS)**

Press to set LOUD on or OFF.

#### **22. / seek- button**

In DVD mode, Press  button to skip to the previous track. Press and hold  button for two seconds to activate fast reverse (REW) search in a track.

In RADIO mode, press  button to start searching automatic, press and hold for two seconds to start manual searching.  Button Frequency down.

### 23. SEL button (Only for RDS)

Press it to enter the SOUND SETTING menu, and press Cursor UP/DN buttons to choose an item and press cursor left/right buttons to set the item. Press SEL button again to exit the menu.

### 24. ►► / seek ⚡ button

In DVD mode, Press ►► button to skip to the next track. Press it and hold ►► button for two seconds to activate fast forward (FF) search in a track.

In RADIO mode, press ►► button to start searching automatic, press and hold for two seconds to start manual searching ►► button Frequency up.

### 25. STOP/PBC button

Press it to Stop playback from the current position, press it again to final stop to the very beginning. Press PLAY/PAUSE button to play.

Press and hold for two seconds to set PBC on/ off in VCD mode.

### 26. OSD button

In DVD mode press it to enter the OSD menu, press and hold for 2 seconds to set video setup. (RED /GREEN /BLUE /BRIGHT / CONTRAST /SHARP /COLOR RESET /BACK)

### 27. VOL- button

Press to decrease volume level.

### 28. AUDIO/GOTO button

In DVD mode press it to select the audio language.

In VCD mode, press it to select the sound track in the sequence of MONO L =>MONO R =>STEREO.

Go to: in DVD mode , press and hold for 2 seconds to show TIME SEARCH menu, select number and confirm to go to certain position directly. When press ● button to enter TITLE/CHAPTER selection mode, select number and confirm to go to certain TITLE or CHAPTER position directly.

### 29. Digit 0-9 buttons

In radio mode, select 1-6 the desired band; In DVD mode, select track.

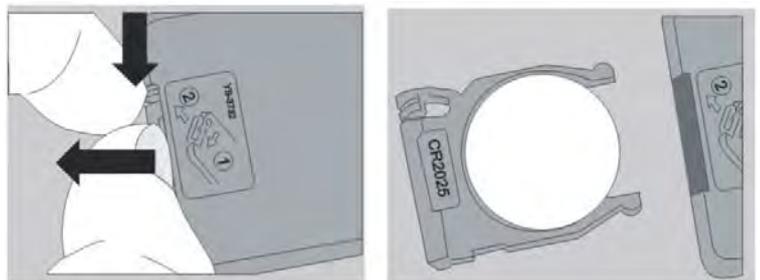
### 30. OPEN/TILT button ( Option without function )

### 31. DUAL button ( Option without function )

## REMOVE BATTERY

### Note:

- The distance may vary according to the brightness of ambient light.
  - If the remote is not used for an extended period of time, remove the battery to prevent possible damage from battery leakage and corrosion.
  - Do not place any objects between the remote control unit and the sensor on the unit.
  - Do not drop the remote control onto the floor; it will damage it beyond repair.
  - Do not use the remote control unit, while simultaneously operating the remote control unit of any other equipment; they may interfere resulting in improper operation.
  - The battery normally last for about one year although depending how often the remote control is used. If the remote control unit isn't working even when it is operated near the unit, replace the battery with a new battery of the same make and use only a lithium cell battery
    - type: CR2025 (3V).
  - Dispose empty batteries in accordance with your local governmental regulations.
  - Do not short-circuit, disassemble, heat or dispose of fire or flames the battery.
- Keep the battery out of reach of children, should the battery be swallowed, immediately consult a doctor.



## MAIN MENU

The best way to discover the program is to explore each screen in detail, and to find out how to move from one to another. Read this chapter for a guided tour.

Unit starts by displaying the Main menu.

This is the root of the screen hierarchy, and you can simply access all features by tapping on the touch screen buttons.

Tap the icons to enter a desired mode.



## ◆ RADIO PLAYER

To start Radio, tap RADIO button on main menu screen.



Touch this button to go into home page.



Return button.



Touch this button to select program type.



Touch this button to search backward stations.



Touch this button can choose FM1=>FM2=>FM3=>AM1=>AM2.



Touch this button to search forward stations.



Touch this button can select ST or Mono.



Touch this button can select DX or LOC .



Touch this button adjust the EQ, it can choose User =>Rock =>Pop=> Jazz=>Electric =>Flat => User.

Note: When a radio signal is not received, When a radio signal is not received, the default for mono mode, once received stereo radio signal, automatically converted to ST mode.

## ◆ DVD PLAYER

To start DVD Player, tap DVD icon from main menu screen.

### TOUCH SCREEN MENU



In DVD mode touch it return to DVD menu.



In VCD mode touch it can choose PBC ON or OFF.



Touch it to skip to the previous track.



Touch it to pause/play.



Touch it to skip to the next track.



Press it to repeat REPCH=> REPTT=> REPALL.



Touch it to turn on / off random playback.



Touch it will eject the Disc.



Touch it the screen will be dark, touch anywhere on the screen and the screen will light up .



Touch this button adjust the EQ, it can choose User => Rock => Pop => Jazz => Electric => Flat => User.

### Note:

1. DVD Player will automatically start playing when you insert any DVD disc, MEMORY card or USB device.
2. Warning displays if the vehicle is moving for driver's safety.
3. DVD Player will not only play video, but also picture and music files as well.

## ◆ USB INTERFACE OPERATION

When a USB is played, the screen will show following interface:

To play MP3/ MP4 files from a USB flash memory, insert a USB flash memory into the USB port on the back of the unit. The unit will play automatically MP3/MP4/JPEG files.



Touch it to skip to the previous track.



Touch it to pause/play.



Touch it to skip to the next track.





Press it to repeat REP 1 => REP DIR => REP ALL.

Touch it to turn on / off random playback.

Press it to select file.

Press it to select title (only the file has many files).

Press it to repeat REP CH => REP TT => REP ALL.

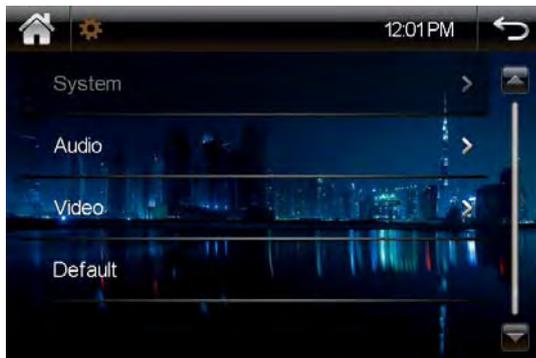
Touch this button adjust the EQ, it can choose User =>Rock =>Pop=> Jazz=>Electric =>Flat => User.

Touch it to enter TITLE MENU (you can choose music, move, picture and Video to play).

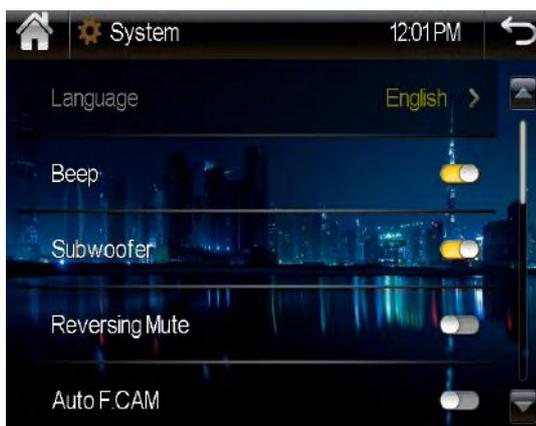


## ◆SETTING CONTROL

To start SETTING, tap SETUP icon on main menu. Your device has default system settings. You can customize the settings to suit your personal needs. Once you change settings, your new settings will remain until you change it again.



Setup



Language: Tap it to choose English, Chinese, Portuguese, Deutsch, Espanol, Italiano, Bahasa Indonesia, Arabic, Hebrew, Turkish, Russian, Persian, Thai and French.

Beep sound: Turn on or off Beep sound.

Subwoofer: Turn on or off Subwoofer.

Reversing Mute: Turn on or off mute when reversing mode.

Date& Time: Setting date and time

SWC: Show SWC section

About: Show about section.

## Time & Date



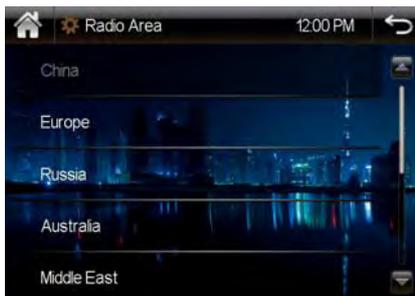
Tap Time & Date setting button to setup time and date.

## Wallpaper



Tap Wallpaper button to setup wallpaper

## Radio Area



Radio Area: tap it can choose radio area such as USA, China, Europe, Russia, Australia, Middle East and Japan.

## SWC



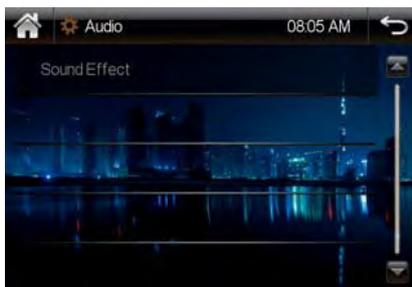
Tap SWC item to program Steering Wheel Control

## About



Just show you the firmware version

## Audio



About Sound Effect

## Sound



Tap Sound item to setting the sound position.

## GPS SCETION

To start GPSmode, please insert SDcard in GPS slot on the front panel. Firstly tap GPSico on Main Menu to enter to GPSMenu; Secondly tap Setting icon and touch Navi path to choose Map; Thirdly return and touch Navigation icon on GPSmenu to enter to GPS. You can choose road and run GPS. Tap Setting icon you also can setting Language and Volume, Calibrate, See SysInfo and choose Time Zone.

Note: In GPSmode, press the volume button (  /  ) on the panel can set the volume the system or GPS mode on the screen.



GPS Menu



Enter GPS Path



Choose Map



Enter the GPS

## PHONE LINK SCETION

### (1)Note

- Only support Android system, support two-way control.
- The connection must be under the screen unlocked.
- Bluetooth must be connected to have sound output.

### (2)Connection method

- Connect the phone data cable.
- Open the phone developer option interface and turn on USB debugging.
- Automatic into phone link interface, like below picture.



### (3)Corresponding to the role of the icon



- Exit the phone link quit
- Volume adjustment
- Return to the mobile home page
- Return to the previous operation
- Screen save
- Force landscape

## BULETOOTH SCETION

Warning: Driving and having a Telephone conversation at the same time is dangerous, please park your car before having a telephone conversation. The supplier waves any and all liability when this warning is not followed.

To enter Bluetooth mode, you can tap Bluetooth icon on Main menu or long press the mute/Bluetooth button on the Remote Control or press mode button on remote or on front panel.

### Connect Bluetooth



A user can make own choice by tap the buttons.

-  Tap Dial button to enter call mode.
-  Tap this button can see the received calls.
-  Tap this button can see the dialed calls.
-  Tap this button can see the missed calls.
-  Tap this button can see phone book.
-  Tap this button can see pairing mode or list, and indicate Bluetooth device name and pin code.
-  Tap Music button to start Bluetooth Music player.
-  Tap this button making call or accept calling.
-  Tap this icon to clear dialing number and move beside icon position.

### Pairing Mode

At the 1st time when using BLUETOOTH, you need to pair the mobile phone first. When a phone have not been paired with the unit, the BT icon and Pairing mark will blink continually on the panel.

When the unit have connect with phone, the BT icon will turn on and the Mobile phone name (if available) will be display on the panel.

According to mobile pairing device manual, after searching new device (Power Acoustik), select it, input password "0000" and confirm ok, device paring is finished.

The text 'Enter Number' will shows on the panel after the pairing is completed. It means device is connected and ready for BLUETOOTH communication.

Auto-connect – Disconnect

When power on the unit, the last paired phone will be connected to the device via Bluetooth automatically, after searching about one minute, if the device cannot find the paired phone, it will stop searching. When in standby mode (unconnected), long press Bluetooth button on remote control to active auto-connect function and the device will search the last paired phone. If you want to disconnect the Bluetooth connection, turn off the Bluetooth on the phone.

## 1. Dial BUTTON

Tap on Dial button to enter call mode.

In Call mode, the unit can be used as your phone. Making and receiving calls are possible with BLUETOOTH. Simply tap phone number and tap  button to make a call, and tap  button to hang up.

- 1.) Tap  button shortly to delete a wrong digit, or press Reject/INT button on remote to delete all the numbers at once.
- 2) Tap  button the device automatically makes a call to the latest call in its call log.

### Voice Transfer

During a call, you can change a call from Bluetooth mode to phone by tapping  Transfer button.

If you want to have a call in Bluetooth mode again, you can tap  Transfer button.

NOTE: the phone book only supports Western Characters. Any difference in character will be shown such as "+, \* or #"

## 2. (A2DP) Music Mode

Tap Music button to listen music in Bluetooth mode.

You can select the function with the key for previous, play or pause, stop and next.

A2DP (Advanced Audio Distribution Profile) Music Player

A2DP can receive the music from the mobile phone, amplified by car audio.

signal from the mobile phone, amplified by the car audio and played out by the car speakers.

Notice: your mobile phone need to support A2DP.

Tap the buttons on the screen as shown, or press corresponding buttons (PAUSE/PLAY, PREVIOUS/NEXT) on remote control to Play/Pause, Previous, Next music files.



## AUX IN MODE

To start AUX-IN Mode, tap on AUX-IN button from main menu screen. Connect the external audio signal source to this unit. Select AUX-IN mode in the main menu.



## OTHER FUNCTIONS

### Subwoofer

Connect the subwoofer to the unit using sub output (see electrical diagram).  Tap it on screen enter into main menu setting choose EQ, or touch  this icon directly enter to EQ mode set subwoofer ON to enable subwoofer.

### Parking

When the car is stopped and the parking brake is working, the screen can display the video image, otherwise the screen can't display the video image

### Back View Camera

This unit is equipped with back view camera output. The camera is used to observe the situation behind the vehicle when you are backing the car. Please connect your back view camera with the back car video input. And connect the reverse wire for back a car with the rear gear light. Rear view camera picture will be enabled when you are backing the car.

# MAP Instruction

To start GPS mode, please insert SD card in GPS slot on the front panel. Choose Navigation path and touch the Enter icon to enter the GPS (Navi path choose only for first using). You can choose road and run GPS.

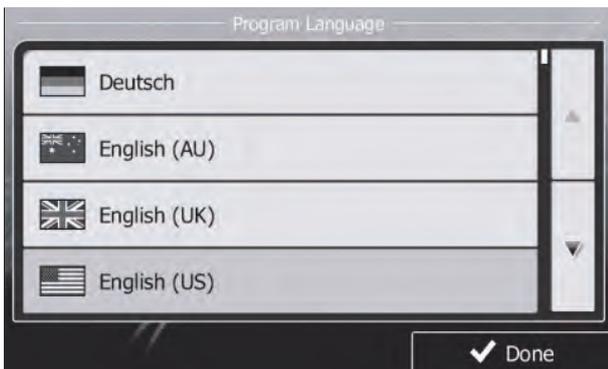
## Navigation setup



## Enter to GPS



## 1. Getting started



When using the navigation software for the first time, an initial setup process starts automatically. Do as follows:

Select the program language. If your preferred language does not appear on the screen, tap **▼** or **▲** drag the list up or down with your finger to view all available languages. Tap **English** to select your preferred language. Tap **Done** to confirm your selection, and proceed to the next page.

Read the Software and Database End User License Agreement, and tap **Accept** if you agree with the terms of use.

You are now asked whether you allow the software to collect usage information and GPS logs that may be used for improving the application and the quality and coverage of maps. Tap **Yes** to allow the anonymous statistics or disable this function.

The Configuration wizard starts. Tap **Next** to continue.

Select the voice guidance language profile. If your preferred language does not appear on the screen, scroll the list for other available profiles. Tap any item in the list for a short voice sample. Tap **Next** to confirm your selection, and proceed to the next page.



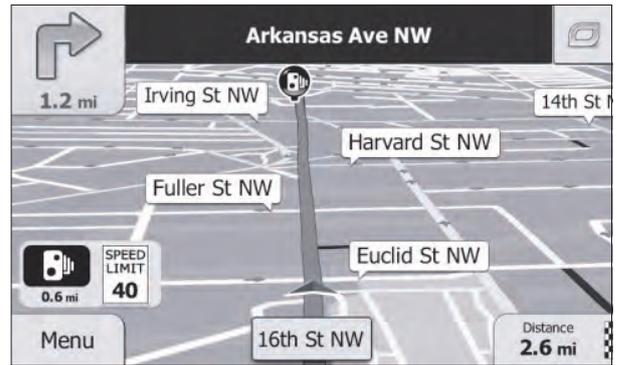
Set your preferred time format and units. Tap  Next to confirm your preferences.

Set your preferred route planning options. Tap  Next to confirm your preferences.

The initial setup is now complete. Tap  Finish. The application starts.

## 2. Navigation menu

### Startup screen: the Navigation menu



After the initial setup, and whenever the software is started, the Navigation menu appears. You have the following options:

Tap  Destination to select your destination by entering an address or selecting a place of interest, a location on the map or one of your Favorite destinations. You can also look up your recent destinations from the Smart History or by entering its coordinate.

Tap  Route Options to display the route parameters. You can view the route in its full length on the map. You can also perform route-related actions such as editing or canceling your route, setting a start point for the route, picking route alternatives, avoiding parts of the route, simulating navigation or adding the destination to your Favorites.

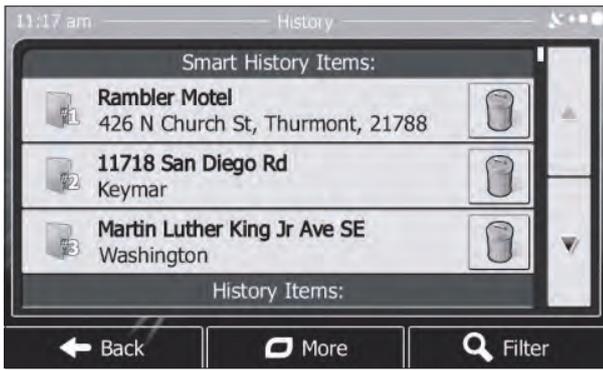
Tap  More... to simulate demo routes or to run some additional applications.

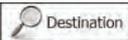
Tap  to customize the way the navigation software works.

Tap  Show Map to start navigating on the map.

## 3. Destination menu





In the Navigation menu . The Destination menu provides you with the following options:

Tap  specify an address as your destination options:

Tap  to select a place of interest as your destination

Tap  to navigate to a location selected on the map.

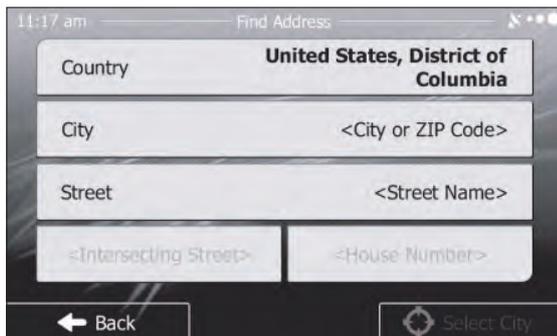
Tap  to choose from the list of your favorite destinations.

Tap  or  to navigate to the recent destination that is shown on the button.

Tap  to choose from the list of all recent destinations.

Tap  for other search methods.

#### 4. Navigating to an address



In the Navigation menu, tap  then tap . In the US, the screen proposes only the country while in other countries you can see the city or town where you are located

If needed, change the country or the state. Tap the button showing the name of the country.

1. Use the keyboard to enter the name of the country or the state.
2. After entering a couple of characters, the list of countries and states that match the entered string appears. Together with the country, you can select the state, or select the name of the country where it stands without a state to search for an address in all its states.

Outside the United States, the current city/town is displayed. This field is empty when you are in the US. Tap the button and use the keyboard to enter a part of the city/town name. As you enter letters, the most likely city/town name is always shown in the input field. You have the following options:

Tap  to select the city/town that is offered in the input field.

Tap  to correct your entry.

Tap  to browse the list of city/town names matching your input. Select a city/town from the list.



### Enter the street name:

Tap  Use the keyboard to enter a part of the street name.

Tap  to select the street that is offered in the

input field or tap  Results to browse the list of all streets matching your input. Select a street from the list.

### Enter the house number:

Tap  Use the keyboard to enter the house number.

Tap  Done to finish entering the address.

The map appears with the selected destination in the middle.

Tap  Next another map location if necessary, then tap  to confirm the destination.

After a short summary of the route parameters, the map appears showing the entire route. Wait for a few seconds or tap  Go! and start navigating.

## 5. Quick Find



With the help of Quick Find, you can search for a location near to a known Place of Interest. Search for the Place by its name first and then find your destination on the map. Do as follows (starting from the Navigation menu):

Tap  Destination Tap

Start entering the name of the Place of Interest on the virtual keyboard. After entering some letters, tap  Results, and select the Place from the list of matching place names.

Scroll down the list if necessary, highlight the desired Place and tap  Select

Check the details of the Place, and then

tap  Select

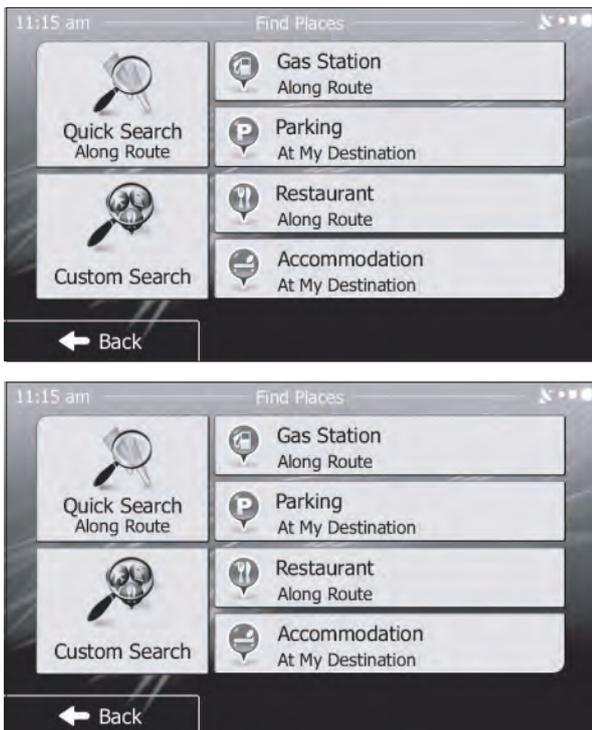
An overview map is displayed with the selected Place in the middle.

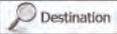
Browse the map, and tap the map location that you want as your destination.

Tap  Select

After a short summary of the route parameters, the map appears with the selected destination in the middle. The route is automatically calculated. The red Cursor appears where you tap the map.

## 6. Navigating to a place of interest



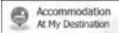
On the Map screen, tap  to return to the Navigation menu. In the Navigation menu,

Tap . You are offered the following preset search categories:

Tap  to get a list of gas stations along the route or if it is not available, around your current position or your last known position.

Tap  to get a list of parking lots near the destination or if it is not available, around your current position or your last known position.

Tap  to get a list of restaurants along the route, around your current position or your last known position.

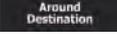
Tap  to get a list of accommodations near the destination, around your current position or your last known position.

You can also tap  and search for a place by entering its name

If none of the above is appropriate, tap  to find a place of interest at the following locations:

Tap  to search around the current position or if it is not available, around the last known position

Tap  to search for a place within a selected city or town.

Tap  to search for a place around the destination of the active route

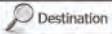
Tap  to search along the active route, and not around a given point.

This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gas stations or restaurants.

## 7. An example of navigating to a place of interest



Example: To find a park around your destination, do as follows (starting from the Navigation menu):

Tap 

Tap 

Tap 

Tap 

The list of place categories appears. Tap  or slide your finger to browse the list, and tap



Tap  to browse the whole category, or tap  to narrow down your arch.

Tap any of the list items.

Check the details and the location of the place, and then tap 

After a short summary of the route parameters, the map appears showing the entire route. Wait for a few seconds or tap  and start navigating.

## 8. The Map screen



The Map screen is the most important and frequently used screen of the software. The Vehimarker (a blue arrow by default) represents your current position, and the orange line shows the recommended route. There are screen buttons and data fields on the screen to help you navigate. During navigation, the screen shows route information.

At the top of the screen, you see your heading and the house numbers on left and right if you have not selected a route destination. When navigating a route, you see the next maneuver and the next street/road on your route. Tap either of them to open the route itinerary.

Tap  to open the Quick menu with a selection of functions that are useful during navigation.

Tap the map anywhere to explore the map around your current position.

Additional map control buttons appear.

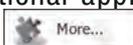
Tap  to open three data fields on the map. Tap any of them to suppress the others. The default values for navigation (you can change them in Map settings):

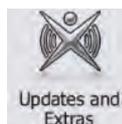
- the remaining distance to the destination,
- the remaining time of the trip, and
- the estimated time of the arrival at the destination.

Tap  to open the Navigation menu.

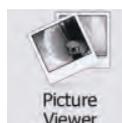
## 9. More menu



The More menu provides you with various additional applications. In the Navigation menu, tap 



Visit [www.naviextras.com](http://www.naviextras.com) to get additional content, such as new maps or 3D landmarks and useful applications.



Access the Picture Viewer.



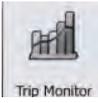
Access the clothing size converter



Access the fuel consumption monitor.



Access sunrise and sunset times.

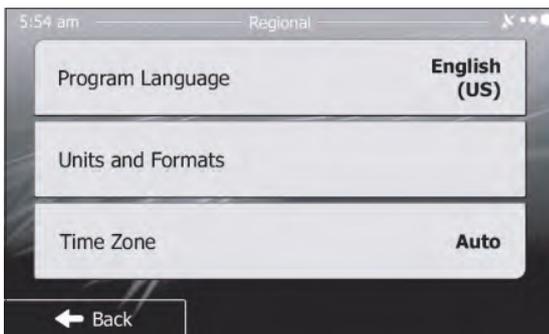
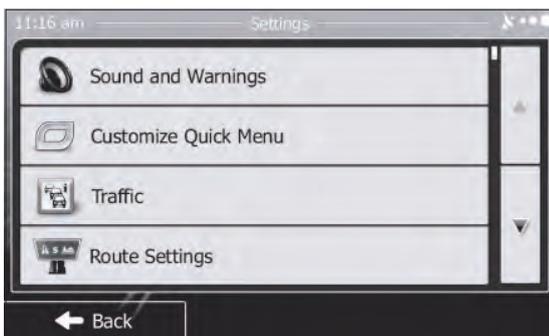


Access your saved trip and track logs.

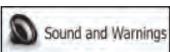


Access country information, such as speed limit, maximum blood alcohol level or compulsory equipment.

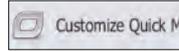
## 10. Setting menu



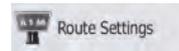
In the Navigation menu, tap . The Settings menu provides you with the following options (scroll the list to see all):



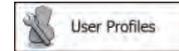
Adjust the different sound volumes, change the voice guidance profile, or enable and set up warnings.



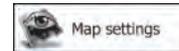
Change the function buttons in the Quick menu of the Map screen.



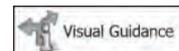
Select the type of vehicle you are driving, the road types used in route planning, and the route planning method.



If more drivers use PDN-621HB for navigating, their settings can be remembered by using one of the user profiles.



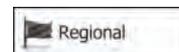
Adjust map related settings: change the daytime and night color schemes, change the default zoom level, switch between 2D and 3D map, suppress buildings or change the Vehimarker.



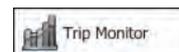
Adjust how the software helps you navigate with different kinds of route related information on the Map screen.



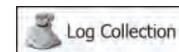
Turn the menu animations on or off, select a different skin for the application, or adjust the display backlight.



Change the program language, the time format, units or the time zone.



Turn the automatic trip or track log saving on or off, check the current size of the trip database.



The application collects usage information and GPS logs that may be used for improving the application and the quality and coverage of maps. Here you can enable or disable collecting these logs.



Modify the basic software parameters set during the initial setup process.

## NOTES ON DISC

- ✧ Only use groundless loudspeakers.
- ✧ Use only loudspeakers of minimal 40Watt, using fewer watts may result in damaging your loud speakers at higher volumes.
- ✧ Use 4~8  $\Omega$  (Ohm impedance) loudspeakers only; using higher or lesser impedance may damage the unit.
- ✧ Do not use 3-cable loudspeakers and do not connect the loudspeakers minus to the car body.
- ✧ (GND). Using a BTL circuit and each loudspeaker must be connected with insulated cables according the diagram.
- ✧ Loudspeaker cables and/or optional external power amplifiers must always be about 30cm. away from the antenna and/or antenna extension parts.
- ✧ If want to display for 7" TFT, parking wire must be connected to ground.

### Storing discs

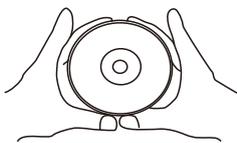
Always place discs in their case and store them vertically.

Avoid storing discs in hot or humid places, places exposed to direct sunlight and places in which temperature is extremely low.

Read and cautions included with the discs carefully.

### Handling

when holding with both hands



when holding with one hand

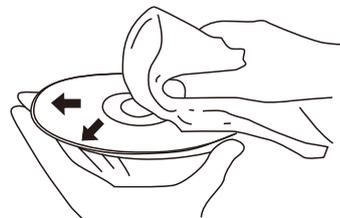


- Do not use damaged (cracked or warped) discs.
- Do not scratch the signal surface or let it get dirty.
- Do not attach paper or seats to discs. The player may be damaged if there is any exposed glue, etc., on discs.
- For rental discs in particular, extra labels are often attached to the discs.
- Check carefully for any exposed glue before using such discs.



### Cleaning discs

Fingerprints of dust on discs may reduce sound or picture quality. Remove them by gently wiping the disc from the center toward the edges using a soft cloth.



- Do not use benzene, thinner or other volatile chemicals.
- Do not use record spray or antistatic spray either.
- We recommend using the separately sold cleaning set to clean discs.
- For touch dirt, apply some water to a soft cloth, wring out thoroughly wipe off the dirt, then wipe the disc with a dry cloth.

### Irregular shaped discs

Irregular shaped discs(heart-shaped discs, hexagonal discs, etc.) Can not be played on this payer. Doing so could damage the player Never use such discs.



# TROUBLESHOOTING

	Symptom	Cause	Remedy
General	General Power does not turn on. (No sound is produced.)	Fuse is blown	Replace with fuse of the same amperage. If the fuse blows again, consult your store of purchase
		In correct wiring	Consult your local retailer.
	No sound output when operating the unit with amplifiers or power antenna attached.	Power antennal lead is shorted to ground excessive current is required or remote on the amplifiers or power antenna.	<ol style="list-style-type: none"> <li>1. Turn off the unit.</li> <li>2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter.</li> <li>3. Turn on the unit.</li> <li>4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external replay to provide remote-on voltage (excessive current required).</li> </ol>
	Nothing happens when buttons are pressed. Display is not Accurate.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, Then press the [no open] button and remove the DCP. Press the reset button for about 2 seconds with a thin rod.
Panel or main unit Connectors are dirty		Wipe the dirt off with a soft cloth moistened with cleaning alcohol.	
CD	Sound is bad directly after power is turned on.	Compact disc is dirty	Clean the compact disc without scratches
		Compact disc is heavily scratched or warped	Replace with a compact disc without scratches.
	Sound is bad directly after power is turned on.	Water droplets may form on the internal lens when the car is parked in a humid place	Let it dry for about 1 hour with the power on.

# TROUBLESHOOTING

Symptom	Cause	Remedy
NO POWER	THE CAR IGNITION IS NOT ON.	IF THE POWER SUPPLY IS PROPERLY CONNECTED TO THE CAR ACCESSORY SWITCH THE IGNITION KEY TO "ACC".
	THE FUSE IS BLOWN.	REPLACE THE FUSE.
DISC CANNOT BE LOADED.	PRESENCE OF DISC INSIDE THE PLAYER	REMOVE THE DISC IN THE PLAYER THEN PUT A NEW UPWARD.
DISC CANNOT BE READ.	INSERTING THE DISC IN UPSIDE DOWN.	INSERT THE COMPACT DISC WITH THE LABEL FACING UPWARD.
	COMPACT DISC IS EXTREMELY DIRTY OR DEFECTIVE.	CLEAN THE DISC OR TRY TO PLAY A NEW ONE.
	TEMPERATURE INSIDE THE CAR IS TOO HIGH.	COOL OFF UNTIL THE AMBIENT TEMPERATURE RETURNS TO NORMAL.
NO SOUND	VOLUME IS IN MINIMUM	ADJUST VOLUME TO A DESIRED LEVEL.
	WIRING IS NOT PROPERLY CONNECTED.	CHECK WIRING CONNECTION.
THE OPERATION KEYS DO NOT WORK.	THE BUILT-IN MICROCOMPUTER IS NOT FRONT PANEL IS NOT PROPERLY FIX INTO ITS PLACE.	PRESS THE POWER BUTTON FOR ABOUT 10 SECONDS TO RESET THE UNIT.
SOUND SKIPS.	THE INSTALLATION ANGLE IS MORE THAN 30 DEGREES. NOT OPERATING PROPERLY DUE TO NOISE.	ADJUST THE INSTALLATION ANGLE TO LESS THAN 30 DEGREES.
	THE DISC IS EXTREMELY DIRTY OR DEFECTIVE.	CLEAN THE COMPACT DISC/TRY TO PLAY A NEW ONE.
THE RADIO DOES NOT WORK, THE RADIO STATION AUTOMATIC SELECTION DOES NOT WORK.	THE ANTENNA CABLE IS NOT CONNECTED THE SIGNALS ARE TOO WEAK.	INSERT THE ANTENNA CABLE FIRMLY SELECT A STATION MANUALLY.

## TECHNICAL SPECIFICATIONS

<b>General</b>	
Power supply:	11~16V DC
Current consumption:	Max. 10 A
Maximum power output:	75W x 4 channels (max)
Compatible formats:	DVD/SVCD/VCD/HDCD/MP3/MP4/VIDEO/CDDA/Picture CDCD-R/-RW/DVD±R/±RW playback
Dimensions (W x D x H) / weight:	178*170*50 mm/2 kg
Working temperature range:	-10°C - +60°C
ESP function:	10 sec. for Audio CD, 120 sec. for MP3
<b>TFT display</b>	
Screen size:	7 inch
Resolution:	720*480 pixel
Aspect ratio:	4:3/16:9
Brightness:	400 cd/m <sup>2</sup>
<b>FM Stereo Radio</b>	
Frequency range(EUROPE AREA):	87.5 – 108MHz(Step 50KHz)
Frequency range(SOUTH AMERICA AREA)	87.5 – 108MHz(Step 100KHz)
Frequency range(RUSSIA AREA)	87.5 – 108MHz(Step 50KHz) 65-74MHz(Step 10KHz)
Frequency range(U.S.A AREA)	87.5 – 107.9MHz(Step 200KHz)
Preset memory stations:	18
<b>AM/MW Radio</b>	
Frequency range(EUROPE AREA):	522kHz - 1620 KHz(Step 9KHz)
Frequency range(SOUTH AMERICA AREA)	520kHz - 1710 KHz(Step 10KHz)
Frequency range(RUSSIA AREA)	522kHz - 1620 KHz(Step 9KHz)
Frequency range(U.S.A AREA)	530kHz - 1710 KHz(Step 10KHz)
Preset memory stations:	12
<b>Audio specification</b>	
Frequency response:	20 Hz-20 KHz

Specifications are subject to change without notice. Mass and dimension are approximate.

**Support site**

If you have any questions or for the latest support information on this product, please visit the web site below:

<http://www.soundstream.com>

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