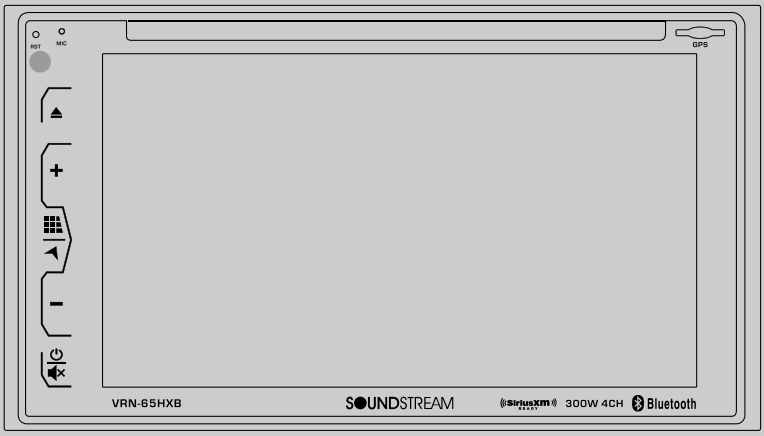
SOUNDSTREAM

AV Center

Owner's Manual EN

2 DIN 6.2'' TFT Monitor
MP3/MP4 Player
AM/FM Radio
Support Bluetooth
Support Navigation
Support SiriusXM Ready



SiriusXM READY

GPS

R·D·S RADIO DATA SYSTEM

Bluetooth®

300W 4CH

VRN-65HXB

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 his 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

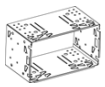
- Only connect to a 12VDC battery and negative grounding.
- Avoid placing the product in direct sunlight, in areas with high levels of dust, high
- temperatures (over 40°C) or high humidity (over 90%). In case of high temperatures, cool
- down the car interior by means of ventilation or air-conditioning.
- 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.

CONTENTS

WARNING!....2
OPERATION PRECAUTIONS....2
CONTENTS....3
ACCESSORIES....4
UNIT INSTALLATION AND REMOVAL....5
WIRING CONNECTIONS....6
FRONT PANEL....8
REMOTE CONTROL....9
REMOVE BATTERY....11
MAIN MENU....12
◆ RADIO....12
◆ DVD PLAYER....13
◆ DISC/USB INTERFEACE OPERATION....13
◆SETTING CONTROL....14
◆SOUND SETTING....15
◆DISPLAY SETTING....15
◆RADIO SETTING....15
◆GENERAL SETTING FOR SiriusXM....15
◆DVD SETTING....16
◆STEERING WHEEL CONTROL....16
◆SYSTEM....16
◆SiriusXM SETTING....17
GPS SECTION....19
BLUETOOTH SECTION....20
AV-IN MODE....22
OTHER FUNCTIONS....22
NOTES ON DISC....23
TROUBLESHOOTING....24
TROUBLESHOOTING....25
TECHNICAL SPECIFICATIONS....26
MAP USER INSTRUCTION....27

ACCESSORIES

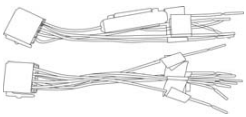
Package contains the following accessories for installation and operation of the unit.

(1) Washer, Spring Washer, M5 Nut	1 each	
(2) Metal Mounting Strap	1	
(3) Hex Bolt	1	
(4) Screw Max. 8mm (7/32 x max. 5/16 in)	4	
(5) Metal Mounting Sleeve	1	
(6) Release Key	2	
(7) Tapping Screw	1	
(8) Rubber Cushion	1	

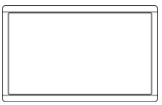
Remote Control

User Manual

Warranty card

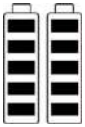


ISO cable



Plastic outer trim ring

MiniSD card (Map)



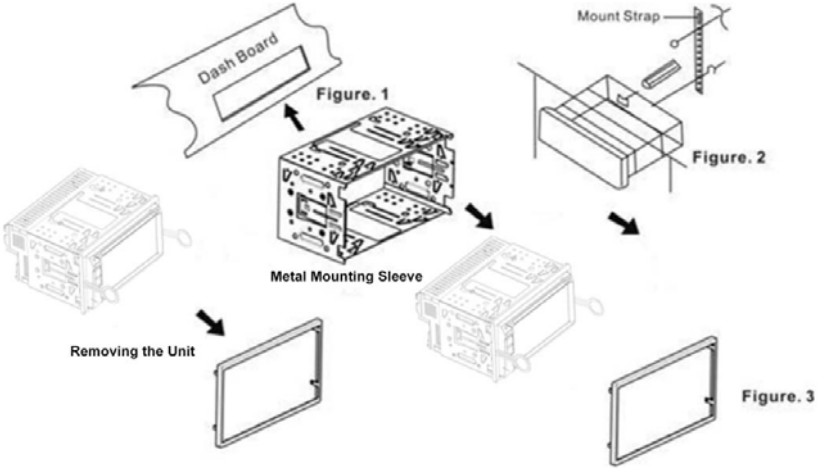
AAA Battery

Note:
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 the unit into dash-board hole and fix it
- If necessary, place the mount strap at the rear of the unit and fix it with provided washer as figure 2.
- Place Trim Ring over the unit and installation is completed as figure 1.



- **Removing the Unit**

Insert the supplied release key into the unit and pull the unit out with keeping the release key (As Figure. 4)

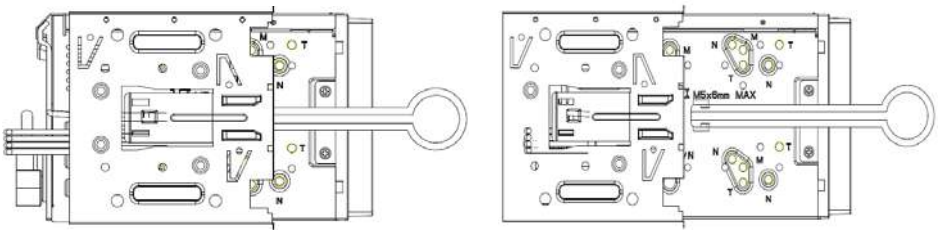
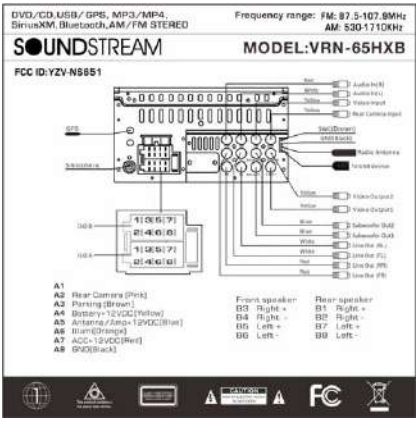


Figure 4

WIRING CONNECTIONS

Make sure you have good chassis ground. A good ground connection will eliminate most electrical noise problems. A good chassis ground requires a tight connection to the vehicle's metal chassis. The area around the ground connection should be clean, bare metal without rust, paint, plastic, dust, or dirt for a good electrical connection.

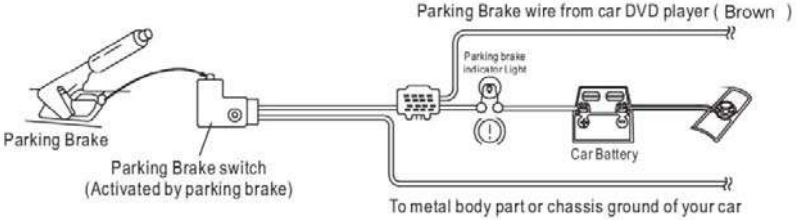


Caution: Do not interchange the connection of the wiring!!!
For some car models you may need to modify wiring of the supplied power cord. Contact your authorized car dealer before installing this unit.

Using the ISO Connector

1. If your car is equipped with the ISO connector, then connect the ISO connectors as illustrated.
2. For connections without the ISO connectors, check the wiring in the vehicle carefully before connecting, incorrect connection may cause serious damage to this unit.
3. Cut the connector; connect the colored leads of the power cord to the car battery as shown in the color code table below for speaker and power cable connections.

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.
When the brown cable for steering wheel control connected to the steering wheel, we can use the steering wheel to control some unit
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

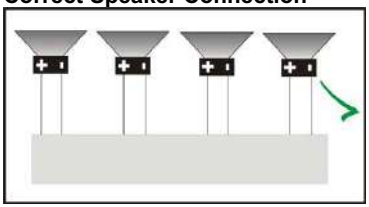
After connecting, when you start up the reverse gear, the unit will receive the picture from car rear view camera.

Note:

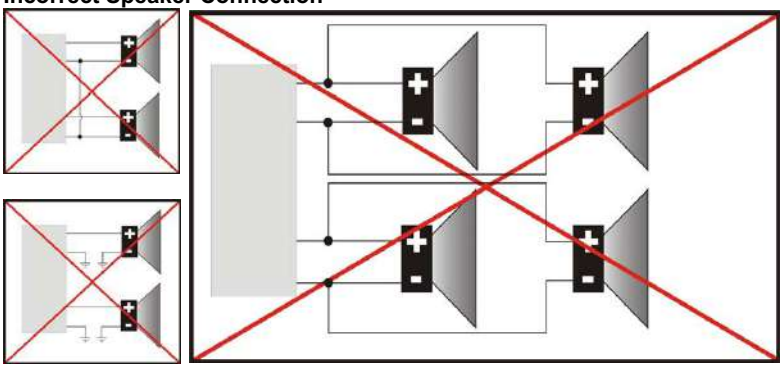
- Only use groundless loudspeakers.
- Use only loudspeakers of minimal 40Watt, using fewer watts may result in damaging your loudspeakers at higher volumes.
- Use 4~8 Ω (Ohm impedance) loudspeakers only; using higher or lesser impedance may damage the unit.
- Do not use 3-cable loudspeakers and do not 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

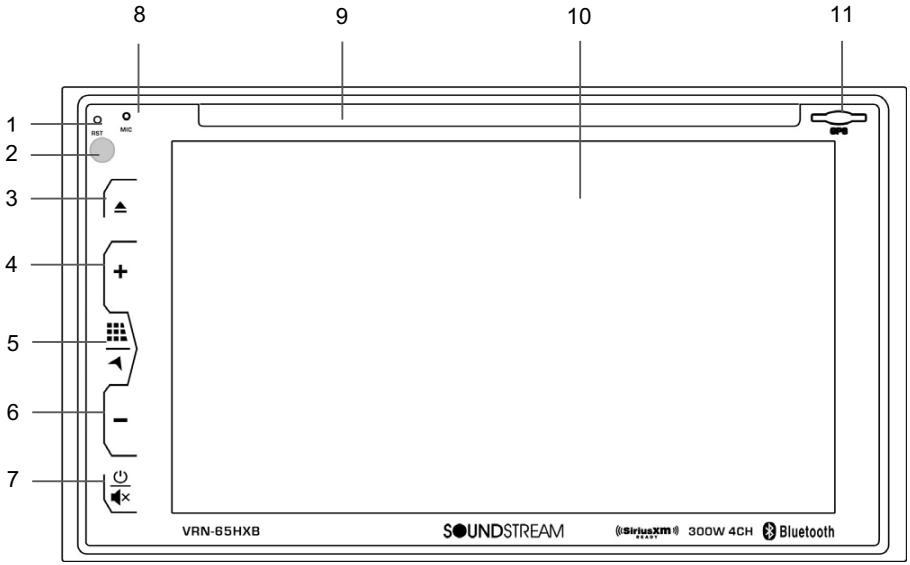
Correct Speaker Connection



Incorrect Speaker Connection"



FRONT PANEL



1. RESET Button

Press it with a thin, sharp object. The device will then be reset to factory default settings.

2. IR Sensor

IR Remote control signal receiving window.

3. EJECT Button

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

4. VOL Increase（+） Button

Press VOL increase button to increase the volume.

5.MENU/NAVI Button

Press it enter to GPS mode. Press and hold for 2 seconds to go into home page.

6. VOL Decrease（-） Button

Press VOL decrease button to decrease the volume.

7. POWER/MUTE Button

Press it to turn on the unit. Press and hold for 2 seconds to turn the unit off. Press the button briefly to Mute. Please note that the volume will be muted on all audio output connector.

8. MIC

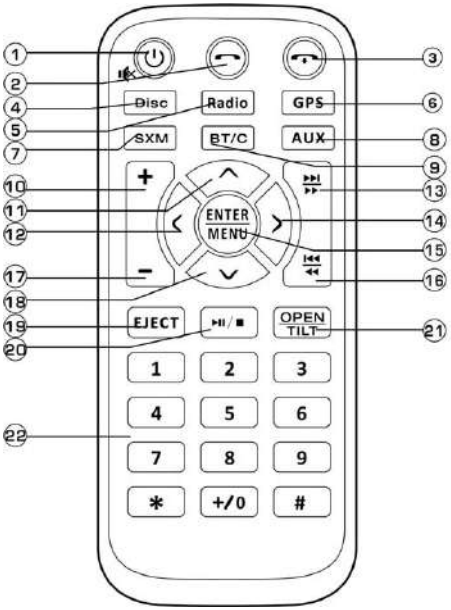
9. DISC Slot

10. Info Display

Information Display LCD when operation the unit.

11. GPS Slot

REMOTE CONTROL



1 Power ON/OFF
Mute
2 Dial/Answer
3 Hang-up
4 DVD Button
5 Radio Button
6 GPS Button(Only for AVN model)
7 SXM Button(Only for SXM model)
8 AUX Button
9 BT / Cancellation
10 Volume +
11 Up Arrow
12 Left Arrow
13 /Fast Review
14 Right Arrow
15 Menu/Ok
16 /Fast Forward
17 Volume -
18 Right Arrow
19 Eject
20 Play/Pause/Stop
21 Open/Tilt(Only for Flip-up model)
22 Number Key

Note:
1 GPS just for Navigation Model
2 SXM just for include SiriusXM function model
3 ★ # BT/C
These Functions for Bluet
4 OPEN/TILT
Optional function

1. POWER / MUTE

Press and hold to Power it on or off. Short press this button to mute the volume output, press it again to resume volume.

2.DIAL/ ANSWER button (Only for Bluetooth)

Press to make a call after inputted a phone number or answer an incoming call.

3. REJECT / HANG UP button (Only for Bluetooth)

Press to reject a coming call or hang up while calling.

4. DVD button

Press it to DVD mode.

5. RADIO button

Press it to Radio mode.

6. GPS button

Press it to GPS mode.(Only for AVN model)

7. SXM button (Only for SXM)

Press it to SXM mode.

8. AUX/AV IN button

Press it to AUX IN or AV IN mode.

9. BLUETOOTH button

Press it to Bluetooth mode.

10. VOL+ button

Press to increase volume level.

11. Cursor ▲ buttons

Use the ▲ buttons to select the menu item, the title track or to show next frame.

12. Cursor ◀ buttons

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

13. ⏭ / button

In DVD mode, Press ⏭ button to skip to the next track, press and hold ⏭ button for two seconds to activate fast forward(FF) in a track.
In RADIO mode, press to start manual searching ⏭ button Frequency up.

14. Cursor ➡buttons

Use the ➡ buttons to select the menu item, the title tracks it or to show next frame.

15. MENU/ENTER button

Press it to confirm selection, Press and hold show main menu..

16. ⏮ / button

In DVD mode, Press ⏮ button to skip to the previous track. Press and hold ⏮ button for two seconds to activate fast reverse(REW) in a track.
In RADIO mode, press and hold to start manual searching ⏮ button Frequency down.

17. VOL- button

Press to decrease volume level.

18. Cursor ⬇ buttons

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

19. EJECT button

Press it to eject the disc.

20. PLAY/PAUSE/STOP button

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

21. OPEN/TILT Button

Press this Button 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.

22. Digit 0-9 ＊ # buttons

In radio mode, select 1-6 the desired band; In DVD mode, select track.In Bluetooth mode, 0-9 **＊ #** enter the phone number or input password.

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.
- 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.

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

Touch this icon to select station forward manually. Touch and hold this icon to select station forward automatically.

Touch this icon to select station backward manually. Touch and hold this icon to select station backward automatically.

MUTE Mute the sound.

Touch it can choose User =>Flat =>Classic =>Pop =>Rock.

AS/PS Touch this button can scan the stations from 1-6, Long Touch it to save the stations with good reception automatically and scan each station for about 5 seconds.

Touch this button to search forward stations.

Touch this button to search backward stations.

TA Touch this button to switch radio traffic service on or off.

PTY Touch this button to select program type.

S/M Touch this icon select stereo or mono sound reception.

Touch this icon access to camera mode directly.

Note: When a radio signal is not received, the default for ST / MO function, once received radio function automatically converted to ST.

◆DVD PLAYER

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

TOUCH SCREEN MENU

Touch this icon access to camera mode directly.

In DVD mode, touch it can choose Repeat chapter =>repeat title =>repeat off.
In VCD mode, touch it can choose Repeat REP 1 => REP DIR => REP ALL.

Touch it to skip to the next track. Touch and hold for 2 seconds to activate fast forward (FF) search in a track.

Touch it to skip to the previous track. Touch and hold for 2 seconds to retune to the beginning of the track.

Press this button to fast reverse (REW) search in a track, FR×2×4×8×20-play will be display.

Press this button to fast forward (FF) search in a track. FF×2×4×8×20-play will be display.

STOP button.

Touch it to enter to next page.

Touch it to enter to menu.

Touch it to select subtitle language.

Touch it to select the sound channel: Stereo=>MONO L=> MONO R=>.

Touch it repeatedly to change the viewing angle.

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

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.

◆DISC/USB INTERFACE OPERATION

Disc

When a file disc, USB or a memory card is played, the screen will show following interface:

USB Device

To play MP3/ MP4/ WMA files from a USB flash memory, insert a USB flash memory into the USB port on the right side of the unit. The unit will play automatically MP3/MP4/ WMA/JPEG files. Or repeatedly press the MODE button to select USB mode.

Touch this icon access to camera mode directly.

Mute the sound.

Touch it to choose playing Music, Video and Picturefiles.

Touch it to pause/play.

Touch it to skip to the next track.

Press this button to fast reverse (REW) search in a track, FR×2×4×8×20-play will be display.

Press this button to fast forward (FF) search in a track. FF×2×4×8×20-play will be display.

Touch it to skip to the previous track.

Touch it to turn to the track you want to play. Input track number in the input box.

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

Touch it can choose User =>Classic=>Flat =>Pop =>Rock
And can adjust Bass, Middle and Treble.

Press it to activate the intro function.

Touch it to turn on / off random playback.

Touch it can choose Repeat REP 1 => REP DIR => REP ALL.

A-B segment repeat

◆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

.

Sound

	EQ: User→Flat→Classic→Pop→Rock→User.
	BALANCE/FADER: Adjust the balance and fader to left or right.
	BEEP: Select keypad sound on or off.
	LOUD: Select loud on or off.
	LOUD LEVEL: Adjust the loud level
	SUBWOOFER: Turn subwoofer on or off.

	SUBWOOFER LPF:80HZ →120HZ→160HZ
	SUBWOOFER LEVEL: Adjust the subwoofer level
	GPS MIXING: Turn on or off.

Display

	BACK LIGHT: Adjust the screen backlight to LOW-MID-HIGH
	LCD COLOR:AUTO→Red→Yellow→Green→Cambridge Blue→Biue→Purple→White
	BACKLIGHT TIME:AUTO→OFF AFTER 10S→OFF AFTER 20S→OFF AFTER 30S

Radio

	RADIO AREA:Europe→USA→South America→Russia.
	STERED: Turn on or off.
	LOCAL: Turn on or off.
	TA VOLUME: Adjust the TA Volume
	TA: Select TA on or off.

General setting for SiriusXM

	AUTO CONNECT: Turn on or off.
	Parental Lock: Select Parental Lock to easily lock and unlock channels with mature content using Parental Control. The initial password is “0000”.
	CLOCK DISPLAY: Select ON (clock is displayed on the screen) or OFF (clock is not displayed on the screen).
	CLOCK SETTING: Press number buttons to input the current time, and tap “OK” button save clock setting.

	EEPROM RESET: Select this to device will then be reset to factory default settings.

	UNLOCK ALL CHANNELS: Select this to unlock all channels.
	LOCK/UNLOCK CHANNELN SET: Select this to lock or unlock selected channels.
	CODE CHANGE: Select this to change the parental lock code. The initial password is "0000". Follow the prompts to change the password.
	DEFAULT: Select this to default the parental code back to the initial password of “0000”.

DVD

	SUBTITLE LANG: English→French→Italian→Dutch →German→Spanish→Portuguese
	AUDIO LANG: English→French→Italian→Dutch →German→Spanish→Portuguese
	MENU LANG: English→French→Italian→Dutch →German→Spanish→Portuguese
	PASSWORD: Set password.
	RATING: 1kid safe→2G→3PG→4PG13→5PG-R →6R→7NC-17→8 adult
	TV TYPE: Set TV type 4:3PS→4 :3LB→16 :9

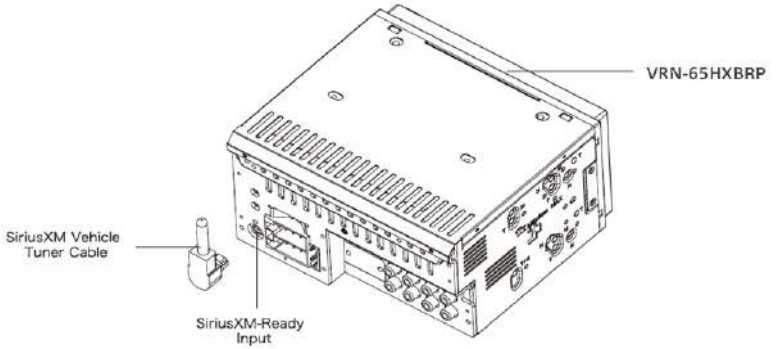
	NTSC/PAL: Set NTSC or PAL
	DEFAULT: Restore

System

	The software version is just for your reference.

SiriusXM Vehicle Tuner Connections

SiriusXM Satellite Radio operation reqiured the connection of the SiriusXM-Connect Vehicle Tuner(sold separately).
Note:The SiriusXM-Connect Vehicle Tuner must have the SiriusXM logo to be compatible with the VRN-65HXBRP.



Line up the connenctor with the pins on the cable.It can only be inserted as shown above. Push the cable into the head unit's connector until it slicks.Attempting to insert the cable differently from shown above may cause damage to the cable or head unit.

SiriusXM SECTION

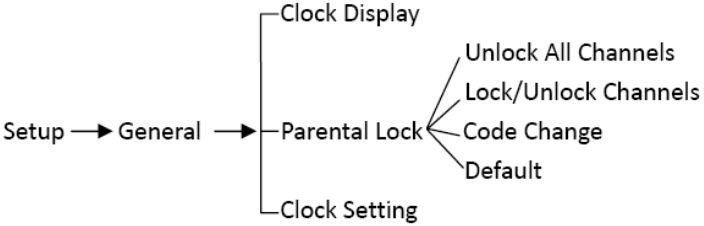
Before using SiriusXM, the head unit must be connected to the SiriusXM Connect Vehicle Tuner. After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your head unit and tap the SXM icon on the main menu to enter SiriusXM mode.
Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment.
Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com.

Tuner Activation
To listen to SiriusXM Satellite Radio,a subscription is required.Activate the SiriusXM Vehicle Tunner using one of two methods below:
1.Online:Go to www.siriusxm.comand choose ACTIVATE RADIO.
2.Phone:Call SiriusXM Listener Care at 1-866-635-2349
Activation typically takes 10-15minutes,but may take up to an hour.It is recommended to leave your vehicle on until the 'Subscription Updated'message appears.

Radio ID
To view the Radio ID on the screen,please find channel 0 appears.The 8 character Radio ID will appear on the screen.The Radio ID is also printed on the underside of the SiriusXM Vehicle Tunner.
Note: The Radio ID does not use the letters I,O,S,F

Listening to SiriusXM Satellite Radio
After installation of the SiriusXM Vehicle Tuner,press SXM icon on the main mune enter to SiriusXM modeappears to begin listening to SiriusXM Satellite Radio.

SiriusXM Setup Menu
To access the SiriusXM setup menu options, please touch SETUP icon on the main menu, press General and then enter to SiriusXM setup.



*To enter a 4 Digit code, choose from the two options as below:

- Enter the 4 Digit code using the remote control, by press the numbers directly. The default code is “0000” if the code has not been changed with the “CODE CHANGE” feature. Press ENTER to confirm.
- Touch SETUP icon on the main menu, then press “PARENTAL LOCK” enters to “CODE CHANGE” directly input 4 digit codes.

Displayed information

Touch this icon access to camera mode directly.

Tap this icon to mute the sound.

Tap this icon to tune to the next channel.

Tap this icon to tune to the previous channel.

Tap this icon to select the bands SXM1, SXM2 and SXM3.

Tap this icon to direct tuning, it can scan channels.

Tap this icon to adjust tone equalizer between Users =>Classic=>Flat=>Pop=>Rock.

Tap this icon to display all channels in a selected category.

Note: The head unit supports direct tuning.When connected tuner,please tap the “CH” button on the menu, then input number to scan channels.

Search channel

SiriusXM Advisory Messages

Message	Description
Check Antenna	● Ensure the SiriusXM antenna cable is connected to the SiriusXM tuner correctly. ● Check the SiriusXM antenna wire for breaks or sharp bends. Replace the antenna if necessary. ● Press RESET located on the top left corner of the front panel. If the message remains, the antenna may have been damaged.
Check Tuner	● Check the SiriusXM tuner connection behind the VR-65XB to ensure that it is correctly connected.
No Signal	● The vehicle must be outside, and the antenna must have a clear view of the southern sky. ● The magnetic antenna must be mounted on the outside of the vehicle for the best reception.
Subscription Updated	● An updated to your SiriusXM subscription has been received by the SiriusXM tuner. Touch any keys to continue.
Channel Not Available	● This channel is not a valid SiriusXM channel. The channel number has been entered incorrectly, or the channel was removed from the SiriusXM channel lineup.
Channel Not Subscribed	● This channel is not included in your SiriusXM subscription plan. Call 866-635-2349 or visit www.siriusxm.com to subscribe.
Channel Locked	● The selected channel has been locked by the parental control option. ● A prompt to enter the unlock code will appear. Enter the unlock code as described on page 18.

GPS SCETION

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.

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.

A user can make own choice by tap the buttons.

Touch this icon access to camera mode directly.

Tap Dial button to enter call mode.

Tap Music button to start Bluetooth Music player.

Tap In calling button to check received calls.

Tap Out calling button to check dialed calls.

Tap Missed calling button to check missed calls.

Tap Phone Book button to use phone book functions.

Tap this icon translate Bluetooth to mobile mode.

Tap this icon to clear number.

Tap this button Hand up and reject calling.

Tap this button Making and accept calling.

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(SoundStream), 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. To have a call in Bluetooth mode again, tap Transfer button.

NOTE: the phonebook 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 is a function which can receive the audio frequency 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, STOP, PREVIOUS/NEXT) on remote control to play, pause, play previous, or next music file.

3. In calling/Out calling mode

Tap In calling button or Out calling to see received and dialed calls.The unit can download automatically all the date from the mobile Phone.Dialed/Received/Missed calls are saved In History mode .Tap Up/Down arrow load previous/next history record.The calls in each category are saved from the latest one to the final one.Select a number and tap Send button to enter calling mode.

4. BT PHONE BOOK

The unit can download the data from phone, when the pairing between a phone and the unit automatically completed. The unit displays the data which have been downloading from a phone. Select a number and tap Send button to make a calling.

AV IN MODE

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

OTHER FUNCTIONS

Subwoofer

Connect the subwoofer to the unit using sub output (see electrical diagram). Tap MENU on screen enter into main menu setting choose setting menu. Choose SOUND and 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

Rear View Camera

This button in UI is a Shortcut to the rear camera mode.

This unit is equipped with rear view camera output. The camera is used to observe the situation behind the vehicle when you are backing the car.
Please connect your rear view camera with the rear view camera 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.

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 Ω (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.

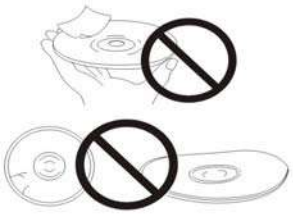
Handing discs

Handing

When holding With both hands

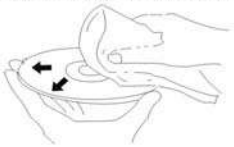
When holding with one hand

- Do not use damaged (cracked or warped) discs.
- Do not scratch the signal surface or let it get dirty.
- Do not attach paper or seals 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 or 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 tough dirt, apply some water to a soft cloth, wring out thoroughlywipe off the dirt, then wipe the disc with a dry cloth.

Irregular shaped discs
Irregular shaped discs(heart-shaped discs, hexagonal discs, etc.)Cannot be played on this playeDoing so could damage the player.
Never use such discs.

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 the temperature is extremely low.
- Read any cautions included with the discs carefully.

TROUBLESHOOTING

	Symptom	Cause	Remedy
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.	1. Turn off the unit. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter. 3. Turn on the unit. 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).
	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.
LCD	Small LCD display error massage	When deck mechanism error, show ERROR 1	Reset the unit.
		When disc or servo error, it show ERROR 2	Change the disc or reset the unit.
		When USB error, t show ERROR 3	1.Remove the USB and insert it again 2. File error，please check the file. 3. Reset the unit.

TROUBLESHOOTING

SYMPTOM	CAUSE	SOLUTION
NO POWER	THE CAR IGNITION IS NOT ON.	IF THE POWER SUPPLY IS PROPERLY CONNECTED TO THE CAR ACCESSORY SWITCHES 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 OPERATING PROPERLY DUE TO NOISE.	PRESS THE POWER BUTTON FOR ABOUT 10 SECONDS TO RESET THE UNIT.
	FRONT PANEL IS NOT PROPERLY FIXING INTO ITS PLACE.	
SOUND SKIPS.	THE INSTALLATION ANGLE IS MORE THAN 30 DEGREES.	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

General	
Power supply:	11~16V DC
Current consumption:	max. 10 A
Maximum power output:	52W x 4 channels (max)
Compatible formats:	DVD/ VCD/ MP3/MP4/VIDEO /CD/CD-R/-RW/DVD±R/±RW/PICTURE PLAYBACK
Dimensions (W x D x H) / weight:	178*165*100 mm/2 kg
Working temperature range:	-10℃ - +60℃
ESP function:	10 sec. for Audio CD, 120 sec. for MP3
TFT display	
Screen size:	6.2 inch
Resolution:	800*480 pixel
Aspect ratio:	4:3/16:9
Brightness:	400 cd/㎡
FM Stereo Radio	
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
AM/MW Radio	
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
Audio Specification	
Frequency response:	20 Hz-20 KHz
USB interface	
USB type	USB 2.0 full speed
Support format	MP3 , WMA, Mpeg1, Mpeg2, AVI

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

Map User Instruction

Thank you for choosing map as your navigator. Start using map right away. This document is the detailed description of the navigation software. You can easily discover map while you are using it; however, we still recommend that you read this manual to fully understand the screens and features.

CONTENTS

Getting started.....3
Navigation menu.....5
Destination menu.....6
Navigating to an address.....7
Quick Find.....9
Navigating to a place of interest.....10
An example of navigating to a place of interest.....11
The Map screen.....12
'More' menu.....13
Settings menu.....14

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

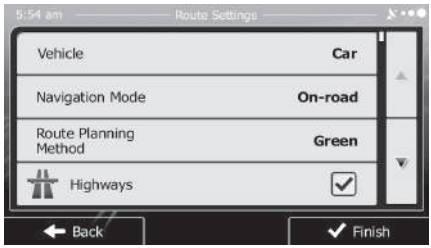
☞ Select the program language. If your preferred language does not appear on the screen, tap ▲ / ▼ or drag the list up or down with your finger to view all available languages. Tap English (UK) to select your preferred language. Tap ✔ Done to confirm your selection,and proceed to the next page.

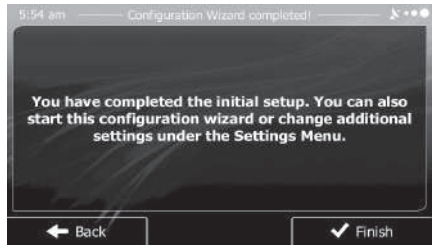
☞ Read the Software and Database End User License Agreement, and tap ✔ Accept if you agree with the terms of use.

☞ 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.

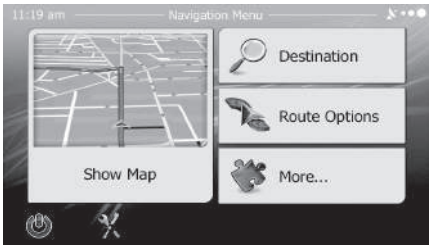
Set your preferred route planning options. Tap ✔ Next to confirm your preferences.

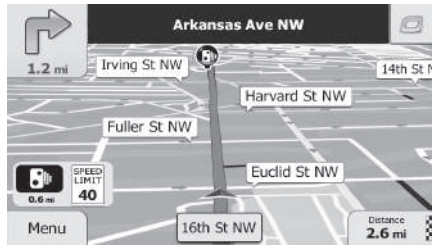
The initial setup is now complete. Tap ✔ Finish.

The application starts.

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:

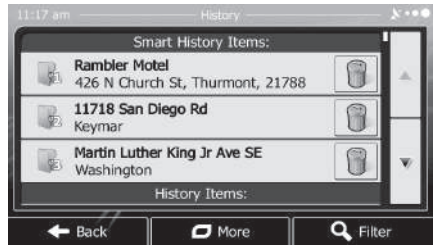
•Tap Destination to select your destination by entering an address or selecting a place of interest, a location on the map or one of your Favorite destinations. You can also look up your recent destinations from the Smart History or by entering its coordinate.

•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.



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

•Tap Find Address to specify an address as your destination.

•Tap Find Places to select a place of interest as your destination.

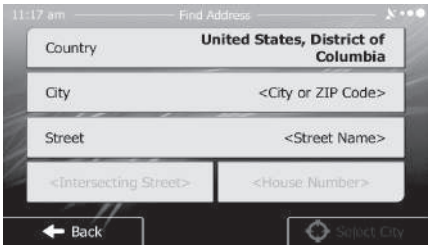
•Tap Find on Map to navigate to a location selected on the map.

•Tap Favourites to choose from the list of your favorite destinations.

•Tap #1 or #2 to navigate to the recent destination that is shown on the button.

•Tap History to choose from the list of all recent destinations.

•Tap More for other search methods.



In the Navigation menu, tap Destination, then tap Find Address. 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 Results to browse the list of city/town names matching your input. Select a city/town from the list.

☞Enter the street name:

1.Tap <Street Name>.

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

3.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:

1.Tap <House Number>.

2.Use the keyboard to enter the house number.

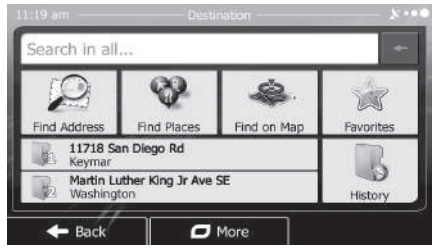
3.Tap ✓ Done to finish entering the address.

☞The map appears with the selected destination in the middle.

Tap another map location if necessary, then tap → Next 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.

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 Search in all.. .

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 .

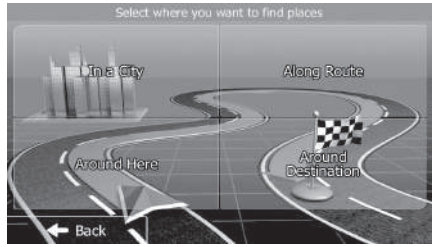
Check the details of the Place, and then tap Select .

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. The red Cursor appears where you tap the map.

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.

Tap Go! and start navigating.



On the Map screen, tap Menu to return to the Navigation menu. In the Navigation menu, tap Destination, then tap Find Places. You are offered the following preset search categories:

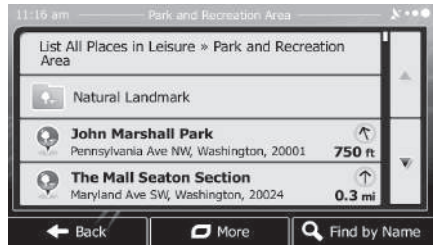
- Tap Petrol Station Along Route to get a list of gas stations along the route or if it is not available, around your current position or your last known position.
- Tap Parking At My Destination to get a list of parking lots near the destination or if it is not available, around your current position or your last known position.
- Tap Restaurant Along Route to get a list of restaurants along the route, around your current position or your last known position.
- Tap Accommodation At My Destination to get a list of accommodations near the destination, around your current position or your last known position.

You can also tap Quick Search Along Route and search for a place by entering its name.
If none of the above is appropriate, tap Custom Search to find a place of interest at the following locations:

- Tap **Around Here** to search around the current position or if it is not available, around the last know position.
- Tap **In a Town** to search for a place within a selected city or town.
- Tap **Around Destination** to search for a place around the destination of the active route.
- Tap **Along Route** 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.

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 [Destination].

☞Tap [Find Places].

☞Tap [Custom Search].

☞Tap [Around Destination].

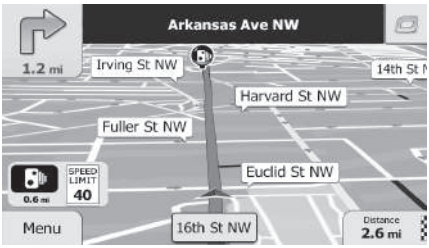
☞The list of place categories appears. Tap [▼] or slide your finger to browse the list, and tap [Leisure].

☞Tap [List All Places] to browse the whole category, or tap [Park and Recreation Area] to narrow down your arch.

☞Tap any of the list items.

☞Check the details and the location of the place, and then tap [Next].

☞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.



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.

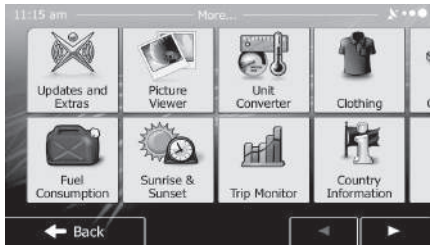
•Tap

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.

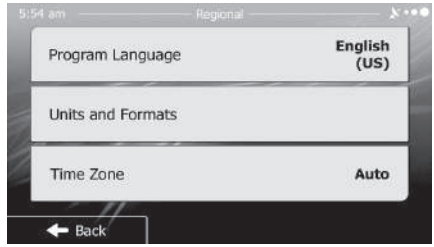
'More' menu



The 'More' menu provides you with various additional applications.

In the Navigation menu, tap More... .

- : Visit www.naviextras.com to get additional content, such as new maps or 3D landmarks and useful applications.
- : Access the Picture Viewer.
- : Access the Unit Converter.
- : Access the clothing size converter.
- : Access the scientific calculator application.
- : 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.
- : Run the Demo and watch sample route simulations to see how navigation works, read the Software and Database End User License Agreement, or check the map and other contents of the application.



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

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

• Customise Quick Menu: Change the function buttons in the Quick menu of the Map screen.

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

• User Profiles :If more drivers use PDN-621HBfor navigating, their settings can be remembered by using one of the user profiles.

• Map settings: 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.

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

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

• Regional: Change the program language, the time format, units or the time zone.

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

• Log Collection: 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.

• Start Configuration Wizard: Modify the basic software parameters set during the initial setup process.

• Reset to Defaults: Delete all saved data and reset all settings to their factory defaults.

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

If you have any questions/problems regarding this product, try the following:

1 Read Troubleshooting in these Operating Instructions.

2 Please contact (U.S.A. only);
URL http://www.soundstream.com

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