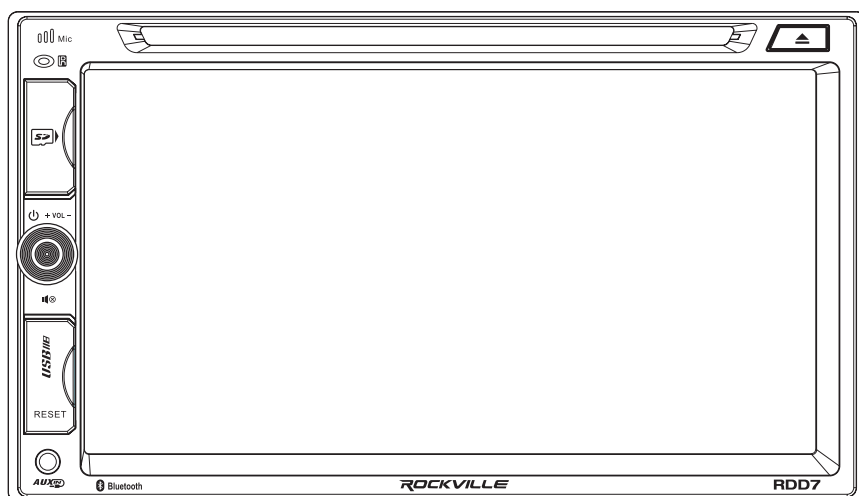


# ROCKVILLE



## RGP7

7" IN-DASH DOUBLE DIN TOUCHSCREEN MULTIMEDIA  
ENTERTAINMENT SYSTEM WITH GPS

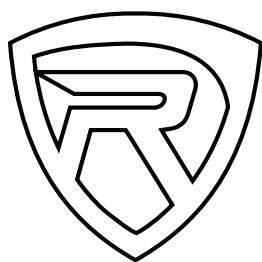
OWNER'S MANUAL



Thank you for purchasing this Rockville 7" Double DIN Touchscreen Multimedia Entertainment System with GPS. We are very proud to bring you what we consider to be the absolute best value in car audio products. This project has been a culmination of years of development involving a team of dreamers, engineers, designers and marketing gurus. Proudly conceived and developed in the USA, Rockville car audio products are designed and engineered by a team of car audio enthusiasts.

We have spared no expense in manufacturing these 7" Double DIN Touchscreen Multimedia Entertainment Systems to meet the highest quality standards. With proper care and installation these units will provide you with the highest levels quality. We hope that these units will bring you years of performance and reliability.

Please read this installation guide carefully for proper use of your Rockville 7" Double DIN Touchscreen Multimedia Entertainment System. Should you need technical assistance please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.



**ROCKVILLE**

1. When the interior of the car is extremely cold and the unit is used soon after switching on the heater, moisture may form on the disc or the optical parts of the player and proper playback may not be possible. If moisture forms on the disc, wipe it off with a soft cloth. If moisture forms on the optical parts of the player, do not use the player for about one hour. The condensation will disappear naturally allowing normal operation.
2. Driving on extremely bumpy or rough roads can cause the disc to skip during playback.
3. This unit uses precision parts and components for its operation. In the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts. Contact your Rockville service center.
4. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio reception, which can be determined by turning the equipment off and on, the user is encouraged to consult an experienced radio technician for help.
5. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance iPhone and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.
6. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rockville, and is intended for home and other limited viewing uses only unless otherwise authorized by Rockville. Reverse engineering or disassembly is prohibited. Use of this product by the customer is restricted to play program materials to which the Rockville copyright protection process has been applied.
7. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rockville is under license.

## **WARNING**

For your safety, the driver should not operate the controls while driving. Also, while driving, keep the volume to a level at which external sounds can be heard.

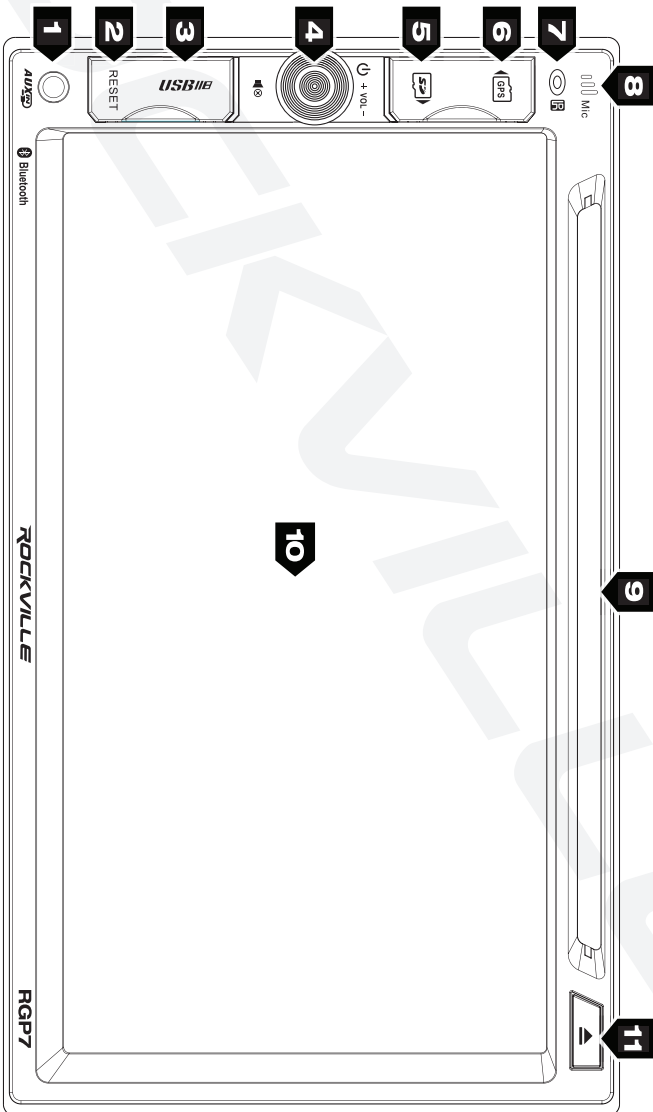
# FEATURES

- 7" High Resolution TFT-LCD Digital Touch Screen
- Built-In GPS
- 800 x 480 Screen Resolution
- Selectable Backgrounds
- 16:9 (Wide Screen) or 4:3 (Letterbox) Switchable Aspect Ratio
- 300:1 Contrast Ratio
- Picture Control: Brightness/Contrast/Saturation/Hue/Definition
- PAL/NTSC Compatible
- Supports DVD/DVD+R/DVD-R/DVD+RW/DVD-RW/VCD/SVCD/CD/CD+R/CD-R/CD-RW/CD+RW/MP3/MP4/ Divx5.0/ID3
- SD Card Reader, Supports Double High Speed SDHC (32G) Card
- USB 2.0 Input (MP3, MP4, MPEG4, WMA, WAV, OGG, FLAC, APE
- Repeat/Program/Random/Intro Play on MP3 Play
- FM/AM Receiver w/ 18 FM/12 AM Preset Station Capability
- Auto Memory Store/Preset Scan
- 7 Band Graphic Equalizer
- Preset and Custom EQ (Flat/Classic/Rock/Jazz/Pop/custom)
- DSP Audio Control (Treble/Bass/Sub woofer/Fader/Balance)
- Virtual Surround or Down Mix Stereo output selection
- Electronic Encoder Volume Control
- Mute/Loudness/Clock Function
- Electronic Anti-Shock
- Power Output: 4 x 18W RMS / 4 x 50W Peak
- 3 Sets 5V Preamp Outputs (Front, Rear, and Sub woofer)
- 2 Channel Rear Audio/Video Output
- AUX Input (1 Channel Video Input/2 Channel Audio Input)
- Rear View Camera Input
- Steering Wheel Control Compatible (requires no additional equipment)
- Bluetooth Capability for Hands Free (with Phone book and A2DP) and Streaming Music

- iPod, iPod Touch, and iPhone (4S to 6S) integration via USB
- Pandora/Spotify integration with iPhone via USB
- Supports iPhone Charging
- 3.5mm Front AUX/MP3 Input
- Built-in High Sensitivity BT Microphone
- Full Function Remote Control Included

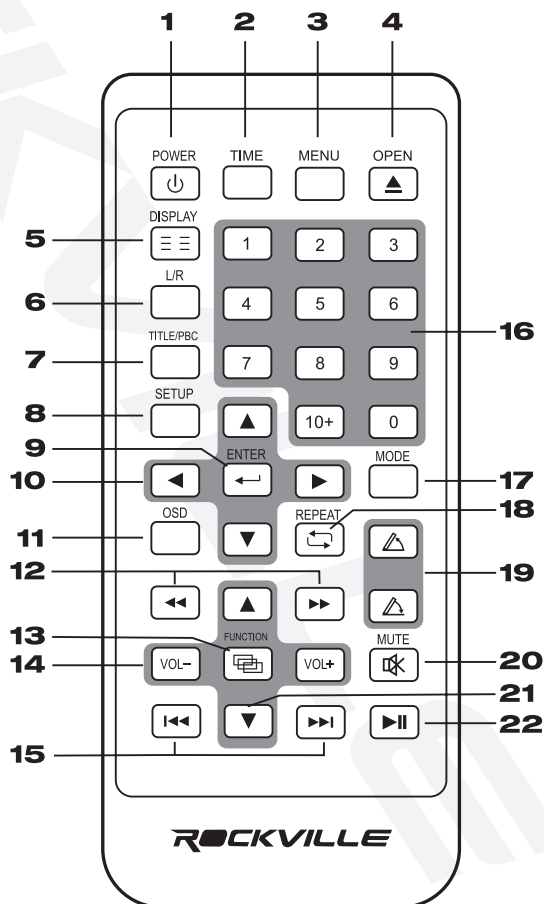
# RECEIVER CONTROLS

1. Aux-In Port Power On-Off / Mute
2. Reset
3. USB Port
4. Volume / Select Knob
5. SD Card Slot
6. GPS SD Card Slot
7. IR Receiver
8. Mic
9. CD/DVD Slot
10. Touchscreen
11. Eject



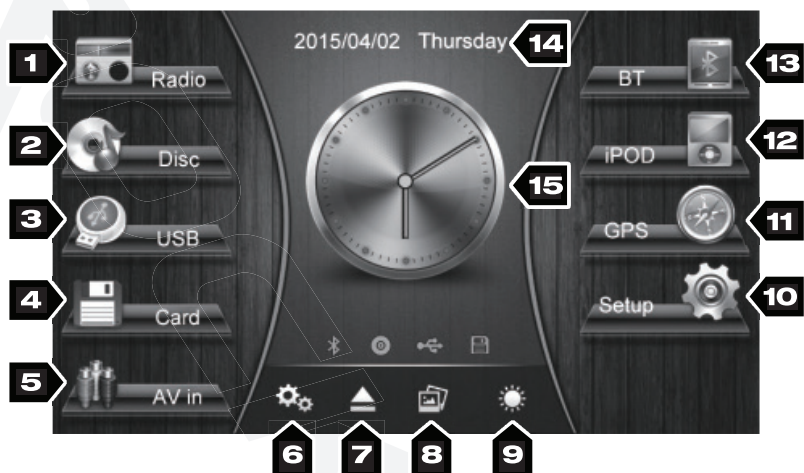
# REMOTE CONTROL FUNCTIONS

1. Power
2. Time
3. Menu
4. Eject
5. OSD (during video playback)
6. Channel Button
7. Return/PBC menu display
8. Set Up (System settings)
9. Enter
10. Menu navigation
11. OSD button
12. Rewind / Fast Forward
13. AM / FM Select
14. Volume - / +
15. Previous / Next
16. Number pad
17. Mode select
18. Repeat
19. Display angle adjustment
20. Mute
21. Reserve
22. Pause / Play



# MAIN INTERFACE

The RGP7 is a multimedia head unit with a 7 inch touch screen interface. You can access all primary functions from the home screen.



1. Radio tuner
2. CD/DVD mode
3. USB mode
4. SD mode
5. AV in mode
6. Quick Settings menu
7. Eject
8. Change background image
9. Screen brightness settings
10. System set-up
11. GPS mode
12. iPod/iPhone mode
13. Bluetooth mode
14. Day/Date
15. Time

# RADIO

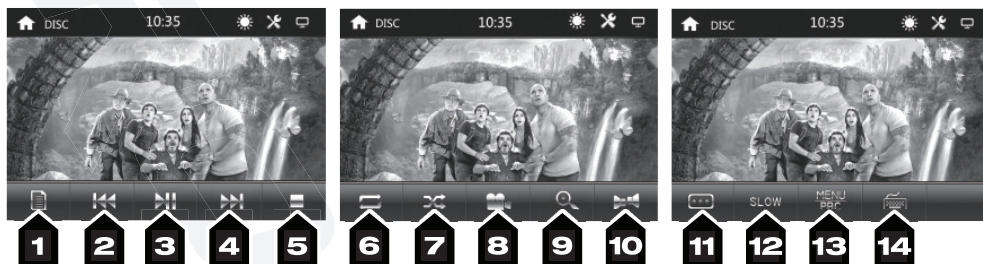
Touch the Radio icon on the home screen or press MODE key on the remote control to access radio functions.



1. Displays current frequency.
2. Touch once to begin semi auto search back through frequencies. When a station with a strong signal is found, the search will automatically stop. Or you can touch the key again to manually stop the search. Touch and hold to fine tune frequencies.
3. Touch to choose the desired station. Touch and hold to assign station.
4. Touch to switch radio bands.
5. Touch once to browse stations. Touch again to stop browsing.
6. Touch to switch between MONO and STEREO.
7. Touch to switch between LOC and DX modes.
8. Touch to activate PS/AS function. The system will automatically scan radio stations and store those with a strong signal in the presets. After search is finished the system will browse through programmed stations, pausing at each one for 3 seconds.
9. Touch once to begin semi auto search back through frequencies. When a station with a strong signal is found, the search will automatically stop. Or you can touch the key again to manually stop the search. Touch and hold to fine tune frequencies.

## CD/DVD

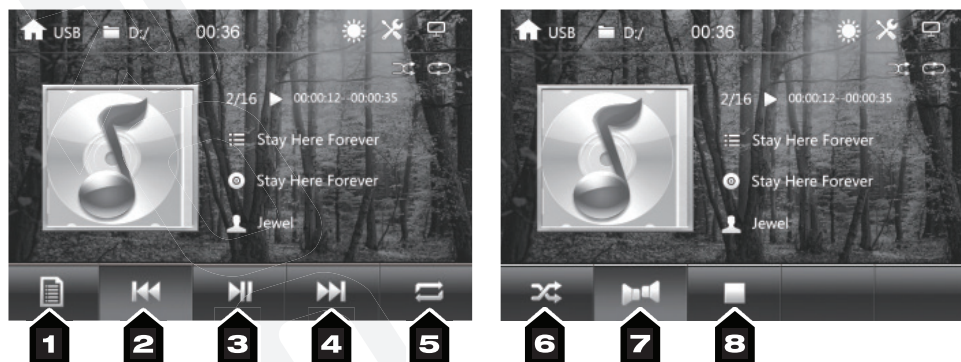
Insert disc or touch the CD or DVD icons on the home screen to access CD/DVD functions.



1. File list
2. Previous
3. Play/Pause
4. Next
5. Stop
6. Repeat
7. Random
8. Viewing angle (not available on all DVDs)
9. Zoom
10. Switch soundtrack
11. Select subtitle language
12. Slow motion
13. Menu/PCB
14. Manual track selection

## USB/SD

When connecting a USB flash drive or inserting an SD card, the unit will automatically switch to the corresponding mode. This will bring up the USB/SD functions.



1. File list
2. Previous
3. Play/Pause
4. Next
5. Repeat
6. Random
7. Switch soundtrack
8. Manual track selection

## iPOD/iPHONE

### Direct Compatibility With iPhone/iPod/iPod Touch and USB Devices

Connect your compatible iPod, iPhone (4S to 6S), or iPod Touch with your device's USB cable and enjoy full music control and functionality directly on the receiver. The receiver will display album title, song title, and artist names. The receiver will also charge your iPhone/iPod when connected to the USB port.

### Pandora and Spotify Integration via USB Connection

Control Pandora or Spotify on your iPod, iPhone, or iPod Touch from the head unit via USB connection. Displays album title, song title, and artist as well as album art when available.

# BLUETOOTH

When driving it is important to keep your hands on the wheel and your eyes on the road. Bluetooth integration allows you to make and receive hands free phone calls directly on the receiver. Our Bluetooth technology is the latest on the market. It supports recent calls, phone book, and more. With A2DP you can wirelessly stream music from your Bluetooth phone or MP3 player right to your audio system.



1. Dial
2. Call log
3. Phone book
4. Music
5. Call
6. Delete
7. End call
8. Switch between vehicle speakers and phone speaker
9. Microphone
10. Previous
11. Play/Pause
12. Next
13. Menu/PCB
14. Device settings

# BLUETOOTH

## Pairing

When the unit is in pairing mode, the words "Waiting for Pairing" will be displayed in the number display box above the keypad.

1. Make sure your device is in Bluetooth mode and discoverable.
2. Search for and select ROCKVILLE in your device's available Bluetooth device list.
3. Upon pairing you may be prompted for a pass code. Please enter 0000.

## Making/Answering calls

To make a call:

1. Enter the phone number via the on screen key pad, the remote control, or the phone itself.
2. After inputting the phone number press the Call key to initiate the call.
3. During the call press the key with the CAR icon (page 13, item 9) to switch between the vehicle speakers and the phone speaker.
4. To end the call press the End call key.
5. When a call comes in the unit will automatically switch to the Bluetooth and Hands-Free mode interface.

To answer a call:

1. Calls can be answered manually by pressing the Call key. Alternately the unit can be set to Auto Answer mode in the Bluetooth settings menu. In this mode, an incoming call will automatically be answered without the need to touch the screen or your phone.
2. To end the call press the End call key.

## Music Playback via Bluetooth

Music from your A2DP capable phone can be played via the head-unit. You can use the Bluetooth music interface to control your music or you can use your phone. Please refer to page 13, items 10 -12.

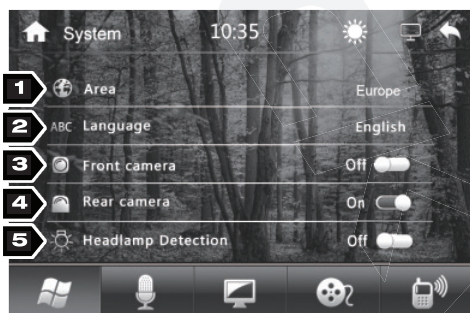
# AUX INPUT

Touch the AUX icon on the home screen or use the MODE button on the remote to access AUX IN mode. This mode will enable the end user to connect external media sources such as a rear-view camera, video game console, MP3 player, etc.

## SYSTEM SETTINGS

Touch the set-up icon to enter the system menu. Here you can customize the interface according to your preferences.

### Basic System Settings



1. Set system region
2. Set OSD language
3. Activate front camera function (if available)
4. Activate rear camera function (if available)
5. Activate headlamp detection mode

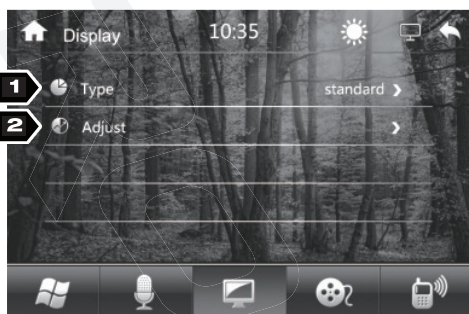
### Audio Settings



1. EQ settings. Select from 6 presets: Standard, Classic, Rock, Pop, Jazz, Electric, and Custom
2. Surround sound settings: Concert, Church, Passive, Wide, and Live
3. Manually adjust Balance and Fader
4. Set loudness On/Off

# SYSTEM SETTINGS

## Display Settings



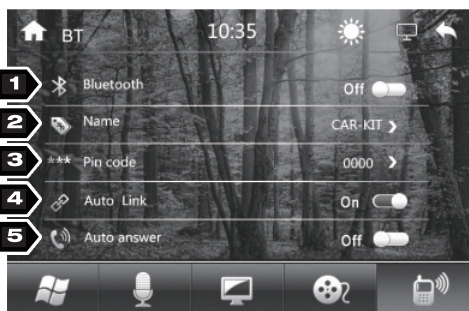
1. Type settings: Standard, Light, Soft, Bright, Custom
2. Image adjustment settings: Brightness, Contrast, Saturation, Hue, and Sharpness

## Media



1. Set DVD language
2. Set subtitle language
3. Set menu language
4. Set password
5. Parental control settings

## Bluetooth



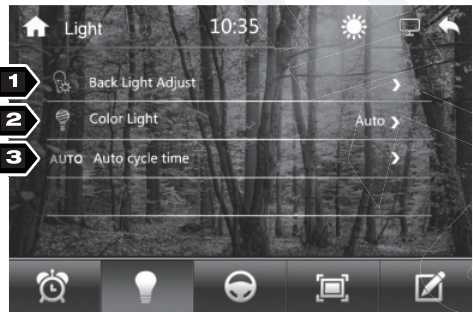
1. Set Bluetooth function On/Off
2. Set Bluetooth name
3. Set Bluetooth pairing PIN code
4. Set Auto Link On/Off
5. Set Auto Answer On/Off

# Time



1. Set Time display mode
2. Set Time display format
3. Set day and time

# Light



1. Adjust back-light brightness
2. Select back-light color
3. Adjust the automatic back-light color cycle time

# Steering Wheel



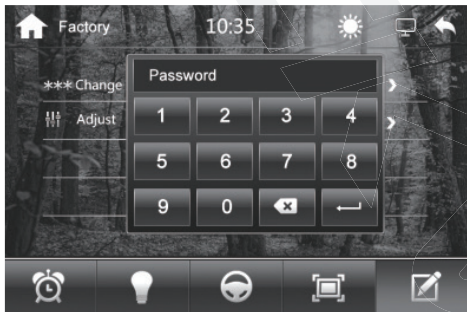
1. Steering Wheel function On/Off
2. Set steering wheel buttons

## Time



Using your finger or a stylus, touch the calibration interface symbol and hold until the next symbol appears. Touch the next symbol and continue repeating the above steps. Once the calibration is complete the system will prompt the word OK. Touch it to finalize the settings.

## Factory



Default password: 123456

Here you can adjust the factory password and change the start-up car logo.


## Version



System information overview

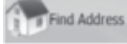




### Initiating GPS navigation

1. If not already loaded, insert GPS navigation SD card into the appropriate slot (page 6, item 6).
2. A window will pop up and there you will see \storageCard\. Select this path which will lead you to the file iGO08.exe. Select this file and press the return button .
2. Once in the main menu screen, touch GPS button to initiate navigation mode. Never pull out the SD card while the unit is in navigation mode.













### Entering Address










1. Tap the Find Address button .
2. The GPS will automaticall fill in the Country and State based on your location. If this does not occur, manually select the country and state.

3. To select the country tap the country button and select the proper country.
4. To change the state tap the state button and select the proper state. To select a recently used state tap the clock button .
5. When entering a new state use the keyboard to type in the name of the state. After typing in the first few letters the names that match the string of letters will appear. You can select from the names that appear or to view the whole list press the check mark button .
6. The procedure will be the same for the street name and the house number.
7. Once you've entered the address the map screen will appear with the desired location in the middle. Tap the checkered flag button labeled Navigate To from the menu. The route is then automatically calculated and navigation will begin.

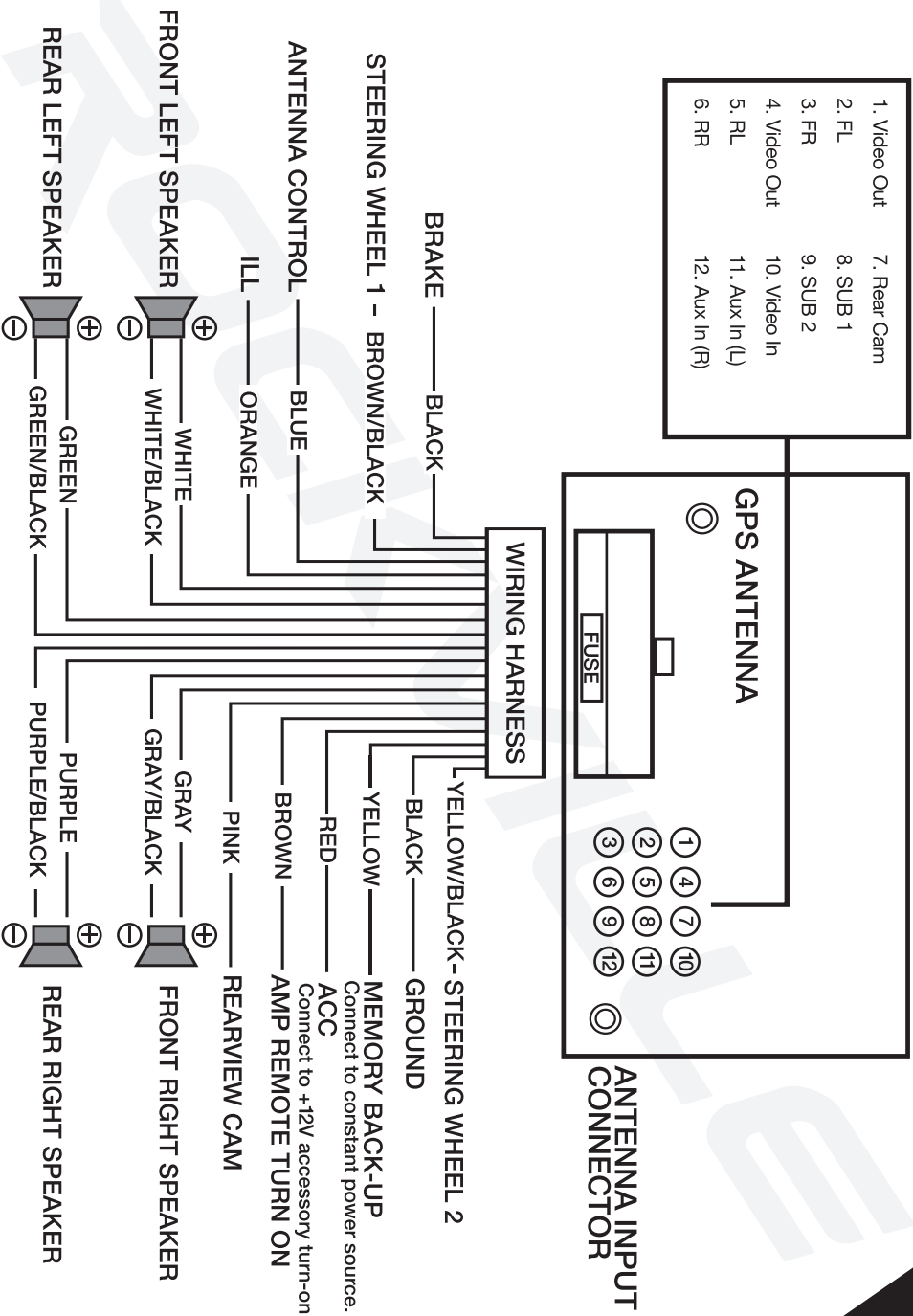
### Navigation Controls

ICON	TITLE	FUNCTION
	Turn Preview	Opens the route information screen.
	Next Upcoming Turn	Opens the route information screen.
	Battery Status	Opens the Quick Settings menu.
	Satellite Signal Quality	Opens the Quick Settings menu.
	Map Views	Switches between 2D and 3D map modes.
	Menu	Opens the Navigation menu.
	Detour	The are two options for Detour functions: a. Tap button for automatic rerouting. b. Set detour criteria in the Settings menu.
	Position	Opens the Position menu.
	Cursor (appears when there is no GPS position or the cursor is not at the current GPS position).	Opens the Cursor menu.
	Open/close Map control buttons	Tap this button to show or hide the following map control buttons: <ul style="list-style-type: none"> <li>• Zoom in/out</li> <li>• Rotate left/right (3D mode only)</li> <li>• Tilt up/down (3D mode only)</li> <li>• Preset Tilt and Zoom (3D mode only)</li> <li>• Preset Zoom (2D mode only)</li> <li>• Return to GPS position</li> <li>• Smart Zoom</li> </ul>

## Navigation Controls

ICON	TITLE	FUNCTION
	Rotate	Rotates 3D map left or right
	Tilt	Tilts 3D map up or down
	Zoom	Adjusts map scale
	Return to GPS position (appears when GPS position is available and you have moved the map)	Moves the map back to the current GPS position. If in 3D mode automatic map rotation will be enabled
	Enable Smart Zoom (replaces the previous button if there is no GPS position or if the map has not been moved)	Tap once to enable Smart Zoom. Tap and hold to set the zoom limits
	Current GPS Position	N/A
	Current Selected Map Location	N/A
	Appears in the turn preview field if no route is selected	Tap to open Find Address screen
	Button appears if GPS position and active route are available but automatic off-route recalculation is switched off and you deviate from the route.	Tap to make the GPS recalculate the active route.

# WIRING DIAGRAM



# STEERING WHEEL CONTROL SET-UP

Perform the following steps to set up the steering wheel controls:

1. There are 2 wires for the steering wheel control: Steering Wheel 1 – brown/black and Steering Wheel 2 – yellow/ black. If the car has two wires from the steering wheel, they can be connected to Steering Wheel 1 and Steering Wheel 2 randomly. If the car has only one wire from the steering wheel, it can be connected with either Steering Wheel 1 or Steering Wheel 2, just be sure to not connect to both at once.
2. In the system settings find the Steering Wheel Controls interface (see page 16).
3. Press the “Study” tab to enter into set up mode. If any of the function buttons are white, this means that the system has been previously paired. To clear any previous pairings, first press the **✕** button and then the **✓** button.
4. Now press and hold the desired function button on the steering wheel and then press the corresponding function button on the screen. For example, if you press and hold the “Mode” button on the steering wheel, press the “Mode” button on the screen. Once the button is programmed, it will turn white. Repeat this process until all the buttons have been programmed.

# TROUBLE SHOOTING

PROBLEM	SOLUTION
No Power	Check fuses. Ensure they are not blown and that they are of the correct amperage and type.  Adjust voltage.  Reset the system by pressing the reset key.
Remote control does not work	Check battery. Ensure that it is the proper battery type and that it is new.  Make sure the battery is installed properly.
Low or no sound	Check all connections.  Check the volume settings. Check the Balance setting. Make sure it is centered.  Make sure speakers and cables are in good working order.
Inferior sound quality or distortion	Use high quality CDs and DVDs.  Check that speaker impedances match those of the head unit.  Check speaker connections.
Settings reset when unit is powered off	Check and reconnect ACC and B+ cables in wiring harness.
Weak radio signal	Check all antenna connections.  Check LOC status. Turn off if necessary
Improper CD/DVD/USB/SD playback	Check CD/DVD for cracks or scratches.  Check USB flash drive/SD card for damage.  Media files may be corrupted or may not be in proper format.
SD card unreadable	Check SD card for damage.  Due to system limitations and compatibility issues, not all SD cards can be read by the system.
Bluetooth pairing fails	Check to see that both devices are turned on and that your Bluetooth device is discoverable.  Turn both devices off and then on again.  Make sure you've selected the proper source.  Make sure that the Bluetooth device is within 5 feet of the unit.  Make sure that the unit is not paired to a previously paired device.

# MAINTENANCE

**FUSE REPLACEMENT:** If the fuse blows, check the power connection and replace the fuse. If the fuse blows again, there may be an internal malfunction. In this case consult your local installer or call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

Visit us at:

**RockvilleAudio.com**

Due to constant improvements, these specifications are subject to  
change without notice.  
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