

APP-TRONICS

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SMARTNAV 5R



“THE SMARTEST REAR-VIEW
MIRROR IN THE WORLD”

cnet.com



Operation Manual

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INTRODUCTION TO YOUR SMARTNAV 5R FROM APP-TRONICS

The SmartNav 5 is the first truly captive all-in-one rearview mirror offering users GPS navigation with turn-by-turn directions from iGO Primo. The SmartNav5 also features a front viewing DVR with continuous recording, automatic HD reversing camera, Bluetooth 4.0, music player, video player and a photo viewer with upload capabilities from the expansion Micro SD card slot. All These features built into a standard size rearview mirror with a 5 inch captive one-touch screen, easy to use interface and OEM mounting.

SmartNav 5r now comes with a built in Radar Detector and Laser Detector Capabilities. Alerting to X, K, KU, KA and Laser bands, allowing you to receive audible and visual alerts from the mirror.

The all new interface allows the driver quick access to the main features of the SmartNav 5 system. The captive display can be turned off while still receiving audible turn by turn directions from iGO Primo also allowing the driver to hear their selected music or media files and Radar/Laser Detector alerts. The Drive Application can process your incoming calls and your music selection by automatically prioritizing what the driver needs to hear, making sure the driver never misses an important turn from GPS or an important call. The captive display allows the driver to see right through the image to safely see behind them.

App-Tronics motto “Details on their own can mean little, together they mean everything” is how this company was started. Perfecting every aspect of the products’ use and performance has always been our goal. When you see the SmartNav 5 for the first time, you will appreciate the dedication the staff at App-Tronics has put into this product. This is what makes the SmartNav 5 the benchmark in applicational rear view mirrors that will never be challenged.

Best,

Julie Lynn
App-Tronics, LLC
Director of Customer Support
And Media Relations

**DISCLAIMER FOR GENERAL AND USE PURPOSE OF
APP-TRONICS PRODUCTS**

Driver acknowledges that the media player is not to be used by the driver when the vehicle is in motion. Driver shall be obligated to notify anyone who takes over operation of the vehicle while the media player is turned on and that it is not to be used by the driver when the vehicle is in motion. Driver acknowledges that he or she has been made aware of this disclaimer before using any of the media players.

THIS IS TO INCLUDE THE MISUSE OF ANY APPLICATION OF OUR PRODUCTS THAT COULD CAUSE DRIVER DISTRICTION OR UNSAFE DRIVING. RADAR AND LASER DETECTORS ARE NOT LEGAL IN ALL STATES AND TERRITORIES, PLEASE CHECK WITH YOUR STATE AND LOCAL LAWS BEFORE USE. BY PURCHASING AND USING OUR PRODUCTS YOU AND YOU ALONE, NOT APP-TRONICS, LLC OR ANY AFFILIATION OF APP-TRONICS, LLC IS RESPONSIBLE FOR USING THE PRODUCT PURCHASED IN A SAFE AND PROPER MANNER THAT IS IN ACCORDANCE WITH STATE AND LOCAL LAWS WHERE OUR PRODUCTS ARE USED.

SMARTNAV 5R OPTIONAL ACCESSORIES

Visit www.App-Tronics.com to purchase any of our optional accessories.

Our parking sensors can be used as a stand-alone unit or can be integrated with the SmartNav 5r Mirror.

Micro SD Card 32GB



Micro SD Card 16GB



MICRO SD CARDS

REAR CAMERAS

MOUNTING BRACKETS

PARKING SENSORS



PS-001 Black



PS-002 White



PS-003 Silver



PS-004 Unpainted

Standard Parking Sensors with audible alerts.



Premium Parking Sensors with visual and audible alerts.

(With rubber housing.)

PPS-001 Black



All trademarks are the property of their respective owners.

Please use the following illustrations for reference during the installation procedure. App-Tronics recommends the use of our Authorized Dealers for installation of the SmartNav 5r. Please contact us to receive a list of available dealers near you. The extended warranty can only be given when installed by an Authorized Dealer.



Fig. 1A
SmartNav 5r Mirror



Auxiliary audio out for direct feed into vehicles audio system (3.5mm).

Fig. 1B
Auxiliary Connection



Fig. 1C
Auxiliary Connection

All SmartNav 5's come with an auxiliary port to allow for direct tie into vehicles audio system. The vehicle must have its own auxiliary port, and the use of a male to male 3.5mm audio cord will be needed (Not included with the purchase of your SmartNav 5). **If you experience any interference please use a 3.5mm grounding adaptor for maximum quality.**

Fig. 1D, Our universal windshield mount fits most vehicles without any special installation. In rare cases this mount will not work please contact your authorized dealer or App-Tronics for support, we offer a full line of OEM specialty mounts.



Fig. 1D
Universal Windshield
Mount

Fig. 2A , Is the main wiring harness for the SmartNav 5 Mirror. This harness will connect to the mirror and lead to the power source.



Fig. 2A
SmartNav 5
Wiring Harness

Fig. 2B, Video and power line feed for backup camera. This harness will connect to the main harness and lead to the reversing camera.



Fig. 2B
Camera Wiring Harness



Fig. 2C
Backup Camera



Fig. 2C, Reversing camera (optional non LED camera available for 2nd or 3rd row seating safety cam). App-Tronics offers several optional cameras please contact your authorized dealer or App-Tronics if you want a specialty camera.

Fig. 2D, App-Tronics standard parking sensors with audible alerts, this unit can be used as a stand-alone unit or can be integrated into your SmarNav 5r. This is an optional add-on.



Fig. 2D
Standard Parking Sensors



Fig. 2E
Premium Parking Sensors

Fig. 2E, App-Tronics premium parking sensors with audible and visual alerts, this unit can be used as a stand-alone unit or can be integrated into your SmarNav 5r. This is an optional add-on.

CONNECTION POINTS OVERVIEW



SmartNav 5 Wire Harness



Green Wire, reversing signal line can be connected to the insurance box reversing power fuse or connected to the red wire on the camera harness line.

Blue wire, connected to 12 volt accessory line.

Black wire, connected to a secure grounding point.

Red Wire, constant 12 volt line.

Reversing Light Bulb 12 volt positive wire.

Reversing Light Bulb 12 volt negative wire.

Connection to camera wire.

Reversing signal wire, connected to reverse relay, if reverse relay can not be located connect connect to Green reversing wire.

RCA Camera Connection

Camera Wire Harness



Wiring Diagram Fig. 3A



Reverse Bulb Wiring Diagram Fig. 3B



Fig. 4A

Install mount on back of SmarNav 5 with the provided screws.

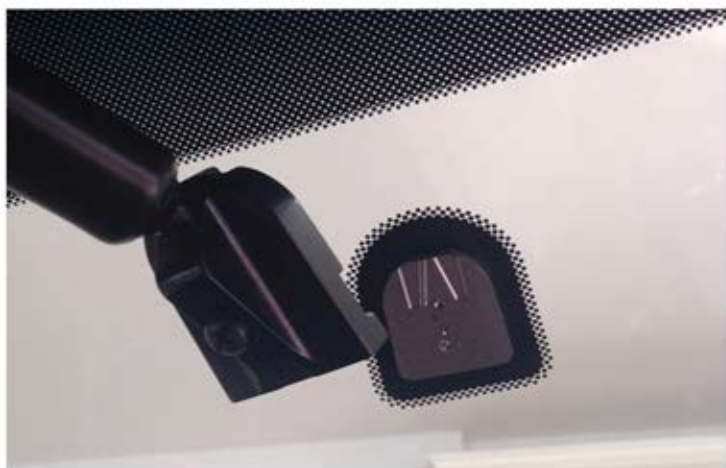


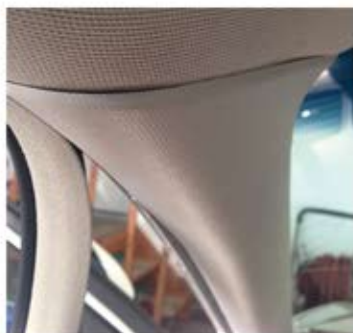
Fig. 4B

Attach the mount according to what mount you are using. If you are using pre-existing anchor and OEM mount, use same process but in reverse of the factory mirror and mount you removed. If using universal mount and new anchor, you need to attach anchor with windshield mount repair kit which can be purchased at any auto parts store (not provided with purchase of SmartNav).

The mount provided fits nearly all vehicles on the road. Please contact App-Tronics for a complete applicational mounting chart for all other vehicles.



Tuck wire from SmartNav 5 into headliner. It only has to go in just a little to stay in place.



Route to which ever pillar A or B will get you to your power source. In this case it was A pillar, the Driver side.



Remove weather stripping and run wire harness behind it. As you come down the pillar, tuck weather stripping back into place pressing firmly. You may need to use a plastic wedge tool to force back behind dash.



Guide your wire harness to your power source, in this case a power harness located under the kick plate. (Pick non critical connections such as interior lights, never modules or fuel pump). Use a volt meter to find your constant power source (**red cable batt+**) which means this connection always has 12 volts running through it even with ignition off. Attach to line.

The **blue wire** in your accessory power source, this line only has power running through it when the ignition is on. Use your volt meter to determine which line to attach. (Again never use critical fuse).

Dealership technicians or professional aftermarket installers can tap into back of fuse box. Note: when you tap directly into wiring check online for proper tap points for vehicle specifics.

Some wiring comes from relays or distribution points and the voltage maybe lessened for its destination. Use volt meter to check volt current to ensure its above 12 volts closet to 13 volts as possible when running. The SmartNav will not run as designed with anything less. Also keep in mind some cars may seem to have a constant power supply. Wait 15 minutes after cars is off and recheck to see if that constant source went to sleep and shutoff. SmartNav 5 uses it for memory. It has internal battery for safety shutdown.



Fuse Panel



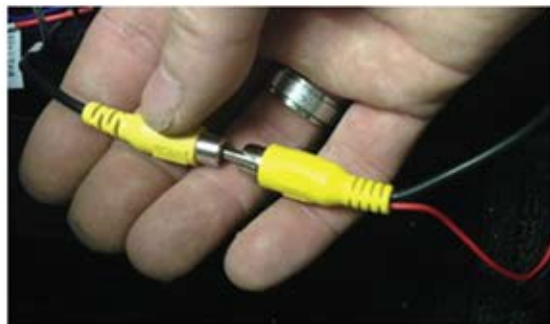
Fuse Tap

In some cases you are unable to find a power harness, locate your interior fuse panel. You can purchase fuse taps from any auto parts store. Connect the constant power wire (**red cable batt+**) to a constant power fuse and the **blue wire** to a accessory power fuse. Please refer to vehicles owner's manual for a listing of fuses.



Next find your ground source, (**black wire**) you may have to extend your black ground wire to find suitable location.

Next attach your rear camera feed (**yellow RCA connectors**). From the wire harness and the rear camera wiring harness. If you have not been able to locate the reversing relay on vehicle you can tie in the Red wire from camera harness to the Green reversing line on main harness.
(continued on next page)



Attach your (green wire back 12+) to the vehicle specific reversing signal or insurance box reversing power fuse relay. This requires professional installation to locate the manufacture location. If you cannot find this location you may tie the (green wire back 12+) power to the red wire coming from rear camera wire feed. App-Tronics highly recommends using the front relay if possible. This connection will power your DVR screen to turn on rear camera when put into reverse same as if you were to tie into the reversing relay. Yet for best response time it's better to install into the reverse signal relay inside the front cab.

Please note some vehicles reversing bulb voltage coming from the front relay is not always sufficient to run a rear camera. As the power is distributed to other bulbs. If you find such an issue tying into the reverse relay upfront with the (green wire back 12+) should eliminate this issue. Or you may use your own relay to find a stronger current, for instants on BMW's. You can attach your own relay and go right to the main battery located in trunk.

There are very few cars that have this issue. Just be sure camera is receiving 12 volts or higher.

Next run the rear camera wire feed to back of vehicle along the floor board trim then under rear seat. Mount your camera in desired location. To do this properly some panels may need to be removed in trunk or lift gate.





Tie in the **red wire** to reverse bulbs power source and the **black wire** to its ground. You can download wire diagrams online to tell you which is which. Or use your volt meter while the cars in accessory position NOT running have a friend put car in reverse, and keep their foot on brake pedal or use parking brake to keep car from rolling. If you locate these same wires in let's say a top of a lift gate you can splice in there. It may make it easier to wire to your desired location of camera.

Please note that some SmartNav 5's can be shipped with a different rear camera. These cameras have a different harness, please refer to the instructions that came with it for proper installation.

If you have any questions email App-Tronics at info@app-tronics.com or call 1-888-587-4111 for further assistance.

If you have purchased the optional Parking Sensors along with your SmartNav 5. You would have received the installation manual with the sensors. Below is a quick layout of the additional wiring needed to help you start the Parking Sensors installation process.

(Refer to manual included with the parking sensors packaging).

SMARTNAV 5 BUTTON FUNCTIONS



The first button from left: Power button, Simply tap this button once and the screen will turn off but the mirror will continue to function with display off and you will still receive audible Turn-by-Turn directions and radar alerts. Tap the button once more and the screen will become visible again.

Long press this button for three seconds to completely power on and off the mirror, please note the Smartnav 5 will power on and off with your vehicle.

Green Indicator light: When lit continuous DVR recording is taking place, note that a Micro SD card is needed to record. (See image on next page for location.)

Red Indicator light: When lit, power to the mirror is on.

Second button from left : Reversing camera button, Simply tap this button once and it engages the backup camera for viewing. Your back-up camera will auto engage will the vehicle is put into reverse.

Third button from left: This is the menu button for the DVR settings. Please read the DVR usage chapter in this manual.

Fourth button from left: This is the menu button for the DVR settings. Please read the DVR usage chapter in this manual.

Fifth button from left: This is the menu button for the DVR settings. Please read the DVR usage chapter in this manual.

Back Of SmartNav 5



- SmartNav 5 comes with a 8GB SD card for the DVR only.
- If you wish to view videos, photos or use in EBook text to speech programming you must buy a secondary card to be placed in the SD slot on bottom right side of the above photo.
- Reset button may have to be used if you are first getting familiar with all that SmartNav 5 can do, for example you are not shutting down the eBook reader or video player before turning off the vehicle. This may cause SmartNav 5 to freeze. Just like your computer at home.
- Your Auxiliary port on the backside of mirror.
- The DVR camera can be adjusted by hand.



SmartNav 5 Home Screen



The Bluetooth icon indicates that a phone is paired or in the photo not paired.



The Radio icon tells you if the FM transmitter is in use or in the photo not in use.



You can customize you SmartNav wallpaper by touching the settings icon then touching the wallpaper icon.



Double tap the picture you want as the main screen background, once selected the screen will automatically return you to the settings screen



Touch the navaigation icon to enter iGo Primo Gps with-out radar and laser detection.



Touch the radar icon to enter iGo Primo Gps with radar and laser detection. Please check local and state law when using this feature.



Touch the camera icon to enter the front viewing DVR mode.



Touch the music icon to enter the music player. The will access all the content saved on the optional Micro SD card slot.



Touch the bluetooth icon to enter the bluetooth menu. In this menu you have access to pairing your smart-phone, making phone calls, access to your phonebook and the music player. Please read the bluetooth section in this manual for more details.



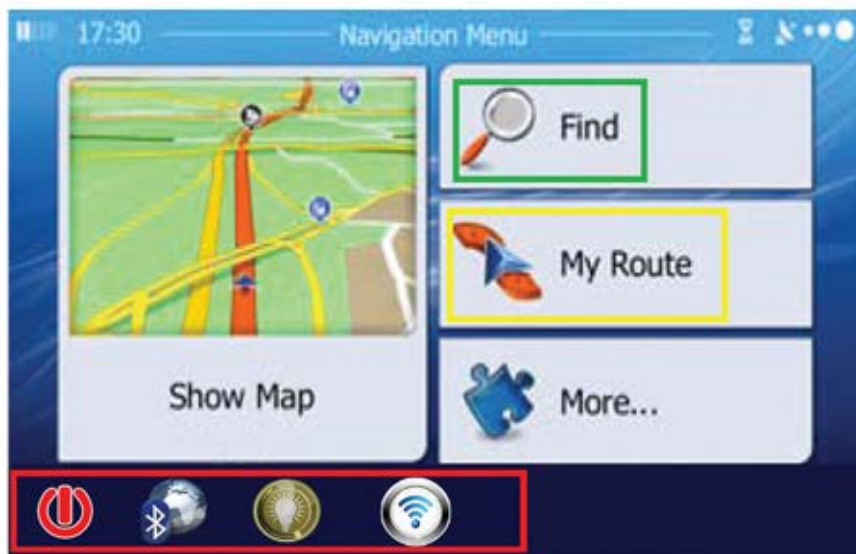
Touch the application icon to enter the application menu. In this menu you have access photo viewer, video players Ebook reader and more.




Touch the settings icon to enter the settings menu. In this menu you have access Fm transmitter, wallpapers, volume , backlight, date and time, GPS settings and more.

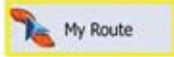


Touch the navigation icon to enter iGo Primo.




iGo Primo is a fully featured GPS navigational software developed specifically for the SmartNav 5. This color coordinated reference will help you get started on using your GPS Navigation.

The green squared text  will take you to your choice of addresses to be searched with automatic selection for quick address location, Find Places like restaurants, gas stations, accommodations, parking and millions of other destinations. Along with custom searches and along route searches, giving you access to the best database of any applicational device.

The yellow squared icon  will take you to the route options such as canceling route, upcoming traffic and detour options.

To view the full iGo Primo user manual visit app-tronics.com in the downloads tab.

The purple squared icon  will take you to a host of icons which will give you access to any media stored on your device like music or pictures, along with every unit conversion from pants size to measuring tables.



The red squared icons allow access to the SmartNav 5's main features without having to exit iGO Primo navigation. You can access your Bluetooth to place calls or turn on your music stored on your smart-phone. The backlight can be set for delayed dimming for night time driving or be adjusted manually, these icons will allow access again without leaving your turn by turn directions. Lastly the FM transmitter can be turned on or off if not using the auxiliary port to tap into your cars audio system.






Touch the radar icon to enter iGo Primo Gps with radar and laser detection. Please check local and state law when using this feature.

The App-Tronics drive application will load first, this program controls the radar and laser functions , after the application finishes loading it will automatically load iGo Primo. Below is a photo of the drive application.





To enter the drive application you will first have to load the iGo primo after iGo Fully loads you will need to exit iGO by touching the  icon and selecting exit or minimize. If you select exit this will close iGo and you will not receive any audible notification from iGo you will only be alerted to incoming radar and laser alerts. if you select minimize this will hide the iGo application and you will still receive audible notifications from iGo and incoming radar and laser alerts.

If you want to close the drive application tap the  if you wish to go back to the iGo screen tap the  button.



The SmartNav 5 Drive application is meant to be used when driving your vehicle. It gives you access to radar and laser alerts, speed trap, speed camera locations, red light camera and road hazard locations.



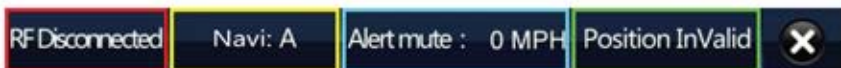
The SmartNav 5 Drive application is meant to be used when driving your vehicle. It gives you access to radar and laser alerts, speed trap, speed camera locations, red light camera and road hazard locations.

Every SmartNav 5 comes with its own red light camera and speed trap database. You can add to this database under several titles such as mobile speed camera, black ice, fixed pole camera and many more. If you come along one of these points of interest (poi's) and it's not current in our database.

Simply tap the  to open the menu.



From here choose your Alert and speed limit if needed and hit save to exit. You can delete alerts that may have been moved such as Mobile speed cameras by pressing the button.



RF Disconnected

The RF Disconnected or Connect highlighted in Red shows the status of the wireless connection to either the internal radar or the front bumper mounted Stealth Interceptor Upgrade Radar Detector with Laser Diffusers.

Navi: A

The Navi A shown in here in Yellow highlight indicates which Navigation choice is being used now or most recent, SmartNav 5 can run 2 different navigation software. Either by internal flash memory or a combination of the Micro SD slot.

Alert mute : 0 MPH

The Alert mute speed highlighted in Blue is the speed setting you wish to be first alerted to radar and or laser diffusing, meaning the alerts will not take place till you reach that speed. Example 25 MPH is a good setting taking away any false alerts while stopped







Position InValid


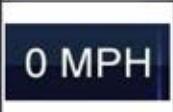







The Position Valid or Invalid highlighted in Orange shows the status of the GPS satellites connection.

Setting

The settings tab highlighted in Red will take you to the Drive Applications settings Interface for the internal radar detector.



Name	Icon	Explanation
Traffic Lighting		Traffic light Alarm on/off
Camera Alarm		Camera Alarm on/off
Spot		Display alarm tips on the upper left corner
		Display alarm tips on the upper right corner
		Display alarm tips on the lower left corner
		Display alarm tips on the lower right corner

		Preview
Speed of Silence		When the car speed is slower than the value, the alarm will not alert you.
		Add the speed value
		Sub the speed value
Navi A		Selecting Navi A will open iGo Primo Gps.
Navi B		Selecting Navi B will open a secondary Gps program.
Paths		Specify the path of navigation A and B
Volume		Volume decrease
		Volume increase

Tall buildings, tunnels and underground parking can affect and influence satellite signal strength, resulting in positioning failure or SmartNav 5's ability to function normally. SmartNav 5's GPS antenna is located in the upper right hand side of the mirror. Having both constant and accessory power supplied to the SmartNav 5, ensures correct positioning of last location. If SmartNav 5 is in a Invalid state and not receiving a satellite signal, please check the following

1. Was the SmartNav 5 installed by one of App-Tronics Authorized Dealers? If not check the constant power supply source. SmartNav 5 needs a constant power connection to retain memory of its last known satellite positioning.
2. Is your vehicle parked in underground parking? Please wait till after exiting the structure before turning on the GPS software.
3. If you are still having a connection issue see Chapter GPS Viewer to reset your satellite search. Visit app-tronics.com for additional information.

FRONT VIEWING DVR



Touch the camera icon to enter the front viewing DVR mode.



Up arrow used in the settings menu.



Down arrow used in the settings menu.



Used to make a selection.



Opens the settings menu.



Exit the DVR.



Turns on or off the microphone.



Locks the current video footage.



Enter the video playback menu.

GPS

GPS Active



Recording

FHD

1920 x 1080

30P

30 FPS



SD Card Inserted



Movie Mode



The first button from left: Power button.

Second button from left: Reversing camera button, Simply tap this button once and it engages the backup camera for viewing.

Your back-up camera will auto engage will the vehicle is put into reverse.

Third button from left: This is the menu button for the DVR settings. Long Press for three seconds to enter and exit the settings menu. App-Tronics recommends not changing these settings.

Fourth button from left: This is the enter button while in the DVR settings. Short pressing this button for one second toggles recording on or off.

Fifth button from left: This is the navigational button while in the DVR settings it allows you to switch between options. Long pressing this button 5 seconds locks the the current video from being overwritten or deleted.

To view your recorded DVR Videos, first remove the micro SD card and insert into your computer.

Open the file folder named DCIM, then the file folder named 100_DCS. In this folder you will find all the recorded videos, the DVR records video clips in 3 minutes intervals for easy viewing.

You can open the video clips with most video media players.

SmartNav 5 only comes with one 8GB Micro SD card, which is added to the DVR slot. If you want to watch videos, listen to eBooks or listen to music you must first upload it to new micro SD card.

Insert the SD card into the optional SD slot located on the lower left side of the SmartNav 5.




You can also use this optional Micro SD slot to use another navigational software by choosing Navi: B in the "Drive Application". (Refer to how to use your Drive application section in this manual.















Touch the music player icon to enter. This music player will only play audio files saved on the optional Micro SD card.









Icon	Name	Explanation
	Close	Close the music player.
	Minimize	Minimize the music player and return to the Media interface.
	Play	Continue playing the paused/stopped music.

	Pause	Pause the music being played.
	Stop	Stop the music being played.
	Set play sequence	Select sequence, random or cycle play.
	Previous	Play the previous music.
	Next	Play the next music.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Progress	Drag it leftward or rightward to play from a previous or future moment.
	Music list	Enter to download and create playlist.
	Time	Display the run time.
	Equalizer	Enter the equalizer.



Touch the file icon to enter the music list. From here you can create your playlist from your Micro SD card



Icon	Name	Explanation
	Close	Close the Music List
	Scroll bar	Drag it upward/ downward to view all music.
	Add one	Add a piece of music on the left list to the play list on the right.
	Add all	Add all the music on the left list to the play list on the right.
	Delete one	Select one piece of music in the play list and tap the icon to delete it.
	Delete all	Delete all the music in the play list.



Touch the bluetooth icon to enter the bluetooth menu. In this menu you have access to pairing your smart-phone, making phone calls, access to your phonebook and the music player.



Pairing your phone, start by touching the settings icon this open the settings menu. This menu allows you to change the device name and the pin code.



To change the device name or the pincode tap the keyboard icon.



Select "Bluetooth start automatically" to allow for immediate pairing of your cell phone open vehicle Startup.



Touch the search icon to enter the phone pairing menu.



Tap the green arrows icon to start phone search. After device is found highlight by tapping it once



Bluetooth check icon to start the pairing process.

Your cell phone should ask for the 4 digit pin code which is "0000", enter those numbers to allow the pairing to finish.

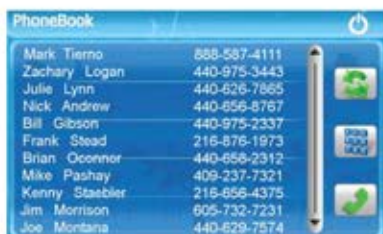
If your Android device asks to allow sharing of device with SmartNav 5, check the "do not ask" again box on your smart-phone and hit OK.



Touch the phonebook icon to enter the menu.



Touch the green arrows icon to download you phone book.



Touch the green phone icon after a name has been highlighted to place a phone call.



Touch green phone button to accept calls.



Touch red phone button to decline calls.



Touch phone icon to transfer from your cell phone.



Touch the dial icon to access the keypad to dial by number.



Delete numbers.



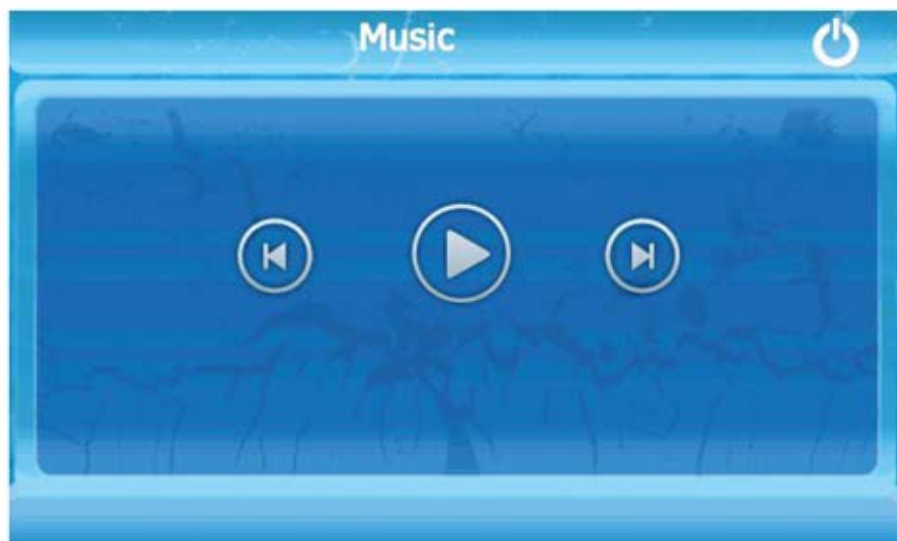
Place phone call.



Enter the dial record.



Touch the music player icon to enter the media player.



This music player has simple features to work together with you media Device. Play, pause, skip and back. When your media device is connected you can use these buttons for simple control.



You can close the music player by touching the close button. If you close the music player your music will continue to play through the the Smartnav 5.

The music player can also control other applications like Pandora®



Touch the disconnect icon when existing or turning off your vehicle, you must enter the Bluetooth Menu and tap the disconnect icon. This will allow your call to remain active after shutting off your vehicle.



Touch the application icon to enter the application menu. In this menu you have access photo viewer, video players Ebook reader and more.



The RMVB, Video and flash player, touch the icon to enter the media player.



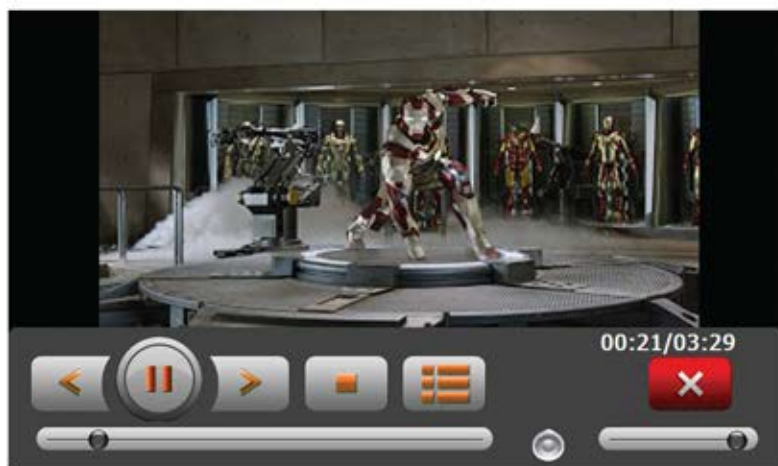
RMVB












Video



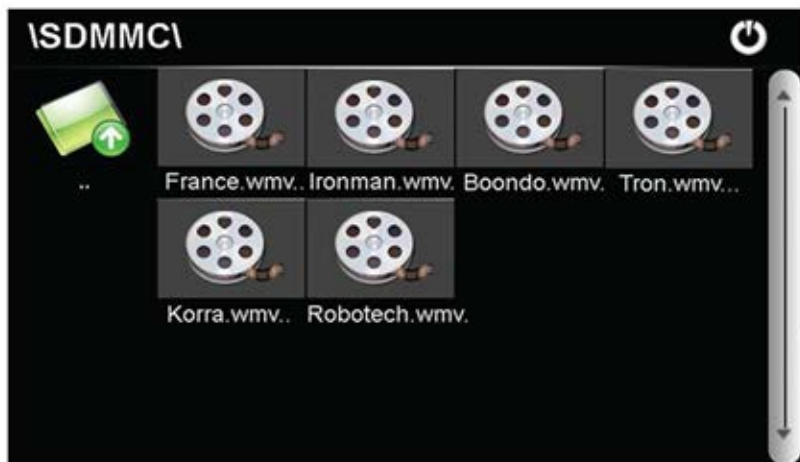
Flash






Icon	Name	Explanation
	Close	Close the video player.
	Previous film	Play the previous film.
	Play	Continue playing the paused/ stopped music.
	Next film	Play the next film.
	Stop	Stop the film being played.
	Video folder	Enter to select a film to play.
	Progress	Drag the sliding block leftward to play from a Previous moment or rightward for a coming Moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Time	Display the play time and the music duration.



Touch the file icon to enter the video folder, from here you can play a selected video from your optional Micro SD card.

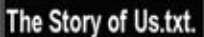










Icon	Name	Explanation
	Close	Close the video folder.
	Scroll bar	Drag the sliding block upward/downward to view all the files inside the folder.
	Film name & format	Film name and its format



Touch the EBook icon to enter the Text to Speech interface. Some models of the SmartNav 5 come equipped with TTS software or text to speech. Allowing the driver to have the converted to text eBooks read to them through the SmartNav 5's dual speakers or the car's audio system. Please visit www.app-tronics.com for any updated manual changes, as well as how to convert your eBooks to text format from our video page.



Icon	Name	Explanation
	File name & format	Current file name and format.
	Close	Close the reader.
	Scroll bar	Drag the sliding block upward/downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	Read the next page.
	Setting	Select a text theme, font, word size and bold type.
	New bookmark	Select partial text and tap the icon to create a bookmark.
	Bookmark list	Enter the bookmark list to select or delete a bookmark.
23/732	Page / total pages	Current page / total pages



Touch the paintboard icon to enter the reader settings shown below.









Icon	Name	Explanation
	Close	Exit the setting interface.
	Save	Save the setting.
	Theme	Tap to select a theme for the e-book.
	Font	Tap to select a font for the e-book.
	Bold	Tap to enable bold type. Tap it again to cancel.





Touch the folder icon to enter the Micro SD cards saved Ebooks.

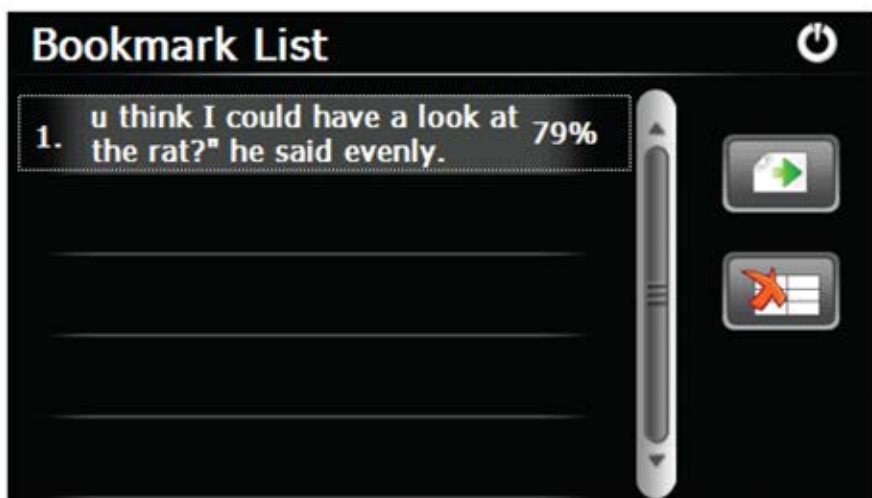



Icon	Name	Explanation
	Close	Close current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block upward/downward to view all TXT files.
	File name & format	The file name and format.

To create a book mark, locate the page by tapping up  or down  or dragging the scroll bar on the right side of the interface.

The Bookmark icon  will highlight once you have highlighted the text by dragging your finger across the selected text. Tap the icon, than tap OK to finish.

Tap the Bookmark icon  to view past created bookmarks in the Bookmark List seen below.



Drag the scroll bar to find the desired bookmark. Tap the Green Arrow icon  to go to that location within the converted to text eBook.

Tap the Delete icon  to remove a specific bookmark.



Touch the photo viewer icon to access you saved photos on your optional micro SD card.



Icon	Name	Explanation
	Previous	View the preview photo in the folder.
	Next	View the next photo in the folder.
	Zoom in	Scale up current photo.
	Zoom out	Scale down current photo.
	Rotate	Rotate current photo 90°clockwise.
	Auto play	Cycle play all the photos in the folder from current photo.
	Folder	Enter the photo folder to select a photo.
	Close	Close the browser and return to the Media interface.



Touch the Open File icon to enter the stored photos on the Micro SD card. (Note: You can double tap the viewable photo once opened to cover the entire 5 inch display, double tap to return to the bottom tool bar.)



Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.



Snake a simple video game.



Calculator



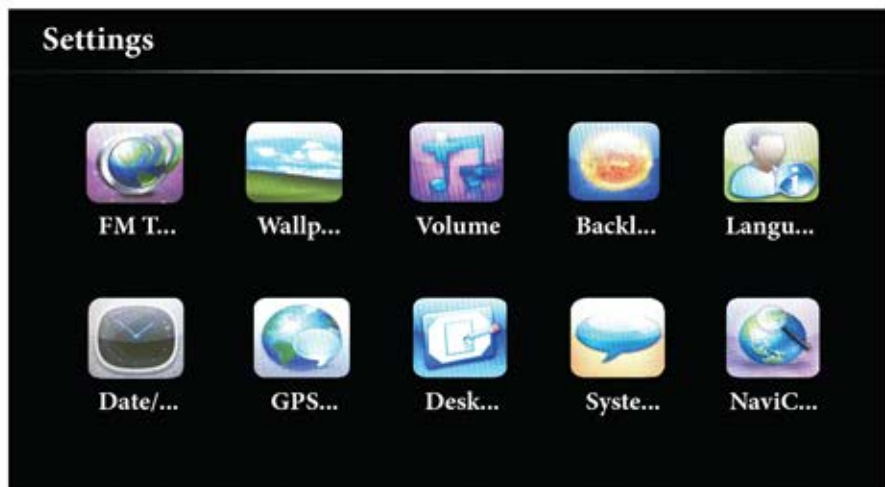
Five Checkers a simple video game.



Unit Conversion Calculator



Touch the settings icon to enter the settings menu. In this menu you have access Fm transmitter, wallpapers, volume , backlight, date and time, GPS settings and more.



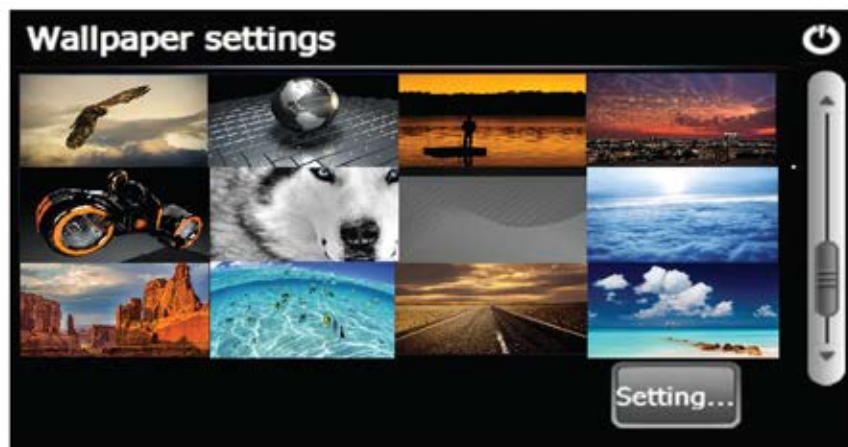
When using the FM transmitter test as many stations as possible to find the best available reception. It doesn't have to be a "dead air" station for SmartNav 5's transmitter to broadcast to your radio station selected. All SmartNav 5's come with an auxiliary port located on the back of the mirror. If your vehicle is equipped with its own auxiliary port, simply route an audio cord with 3/8 male to male ends to the destination. (Cord not provided.)



	Close	Exit the FM Setting.
	Save	Save current setting.
	Use FM	Click in the box to enable FM function.
	Frequency	Drag the slide block rightward (or tap) to increase the frequency and leftward (or tap) to reduce the frequency. The frequency range is 88.00 Mhz-108.00 Mhz.



Touch the wallpaper in to change the background screen .



To set your wallpaper simply double tap the wallpaper of your choosing, or tap once and hit the “settings” button and the bottom of the display screen. It will take a moment for SmartNav 5 to change out the wallpaper for you.



Touch the volume icon to adjust the volume settings . Please note when you change a system setting you must hit the save icon.



	Close	Exit the volume setting.
	Volume	Ten volume grades (from mute to maximum) available. Tap to decrease the volume by grade.
	Sounds for taps	Tap it to enable the function. Tap it again to disable the function.
	Power on music	Tap or to select power-on music or disable it.



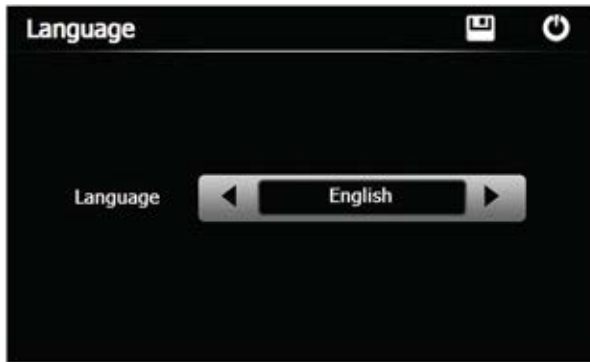
Touch the backligh icon to change the brightness settings.
Please note when you change a system setting you must hit the save icon.



	Close	Exit the backlight setting.
	Backlight	Drag leftward to turn down or rightward to turn up the backlight.
	Auto off	Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap or to view the options in cycle.



Touch the language icon to change the settings .
Please note when you change a system setting you must hit the save icon.



Tap the left Arrowhead icon or the right Arrowhead icon to select a system language, tap the Save icon to save your selection.

SmartNav 5 comes with over 30 languages. The text to speech software that comes with iGO navigation has just as many. The eBook Reader application comes with only a half dozen or so male and female voices to choose from. Please email us at info@app-tronics.com to see if any updates are available for added TTS voices.



Setting the System date and time of your SmartNav 5

In the display screen, tap the up or down Arrowhead icons to set the year, month, day, hour and minute of your SmartNav 5.
(Note: Change the 12-hour or 24-hour format for the area covered.)

Setting the system time zone

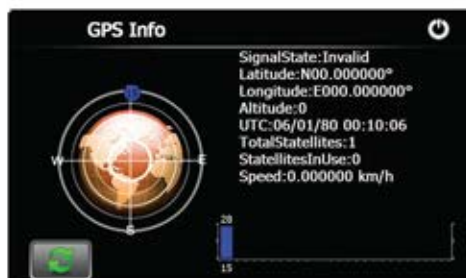
Tap the left Arrowhead icon or the right Arrowhead icon to select the correct time zone for the area covered.


Please note when you change a system setting you must hit the save icon.



Touch GPS Viewer icon to Enter the GPS Reset Interface.

Please note when you change a system setting you must hit the save icon.



If your SmartNav 5 is not receiving a strong signal due such reasons as initial setup, vehicle stored for winter months, please tap the Reset icon  to reset the GPS satellite receiver.



Next, tap OK to begin the GPS satellite validation. Or you may hit cancel to exit the reset process. It will not harm the SmartNav 5 if you were to by accident test without reason.



Touch the windows icon to enter windows ce program.



Touch system info icon to view system information..




Touch the Navi Configuration to enter the menu.


Note:Currently all SmartNav 5's navigation configuration or pathway is set for "edog" which is the "Drive Application". From there you access your iGO Primo by tapping

Navi:A

If you wish to bypass the drive application, you may do so by selecting iGO or Mobile Navigator's exe. file changing the navigation path right to iGO Primo.



Select a map address and tap  to save the setting.

<p>Navigation exe file path</p>	<p>Tap to choose what navigation address you want to run.</p>
<p> Auto run navigation</p>	<p>Click in the box to check that you want GPS navigation to start soon as SmartNav 5 is turned on.</p>

SmartNav 5's DVR Main Menu Functions

Main Menu	Sub Menu	Description
Video Size	640 x 800	Set the Video size
	1280 x 720	
Time setup	YYYY/MM/DD	Set the date and time
	HH:MM:SS	
Format	YES	Format the Micro SD or TF card
	No	
TV Out	NTSC	Set the format of TV out
	PAL	
Audio Record	ON	Set the recording audio
	Off	
Language	English	Set the language
	繁體中文	
	简体中文	
Frequency	50Hz	Set the frequency of the video
	60Hz	

Featured Specifications of the SmartNav 5

GPS navigation	Win CE 6.0 Operation System. High sensitive GPS signal received ability.
Digital Video Recorder	<ol style="list-style-type: none"> 1. Support high resolution. HD 720P(1280*720) 2. Support for automatic recording 3. Support power-down to save 4. Support the cycle of coverage video 5. Storage type: support TF card from 4GB to 32GB 6. Video resolution: HD720P or VGA 7. Video speed: 30FPS 8. Real-time and number of overlay video, don't lose any video in each second. 9. Video and sound recording synchronization/ video recording/ sound recording 10. It can lock the current video, to avoid coverage
Radar Laser detector	SmartNav 5 radar detector X, K, KA, KU and laser detector
Reverse Camera	<ol style="list-style-type: none"> 1. Photosensitive components 1/4-inch color, CMOS, 2. Pixel 628X582, resolution of 380TV lines 3. The illumination 3LUX (infrared light at 0 Lux) 4. Lens 2.8mm 5. Standard PAL / NTSC 6. RCA video output interfaces 7. Angle 170 degrees 8. 0-5 meters night vision distance 9. With the line of distance 10. Waterproof
Blue tooth	<p>CSR Blue tooth provides for data and voice communications</p> <ol style="list-style-type: none"> 1. Operating Frequency Band 2.4GHz -2.48GHz ISM band 2. Bluetooth Specification V4.0 with A2DP firmware allowing Streamlining of music from most smart-phones
FM Transmitting Or 3.5 mm audio jack	<p>From 87 to 108MHz. <10 Meter</p> <p>The location of auxiliary port is directly under the mount on backside of the SmartNav 5. (extension cord with male to male end not included)</p>
Music	Audio Format: WAV, MP3, WMA
Movie	Video Format: AVI, MP4, MPG, WMV, 3GP
Picture view	Photo Format: JPG, GIF, BMP, PNG
E-book	Text Format: TXT,with optional text reader or TTS
	Working temperature: -13 F to + 176 F
	Storage temperature: -31 F to + 203F

SmartNav 5 is a computer, please allow its UI and operating system to properly adjust to its installation. If you run into any of the below errors, it is typically from user error and just like a new smart-phone, the owner must become acquainted with the system. Check out the demo videos online to better assist in learning all SmartNav 5 can do for you.

Trouble Shooting		
Rear Camera not turning on	Wait 2-5 seconds before putting in reverse.	Not enough voltage coming from power source.
Bluetooth not initializing	Hit reset button or unplug SmartNav 5 from harness. Reconnect harness.	Un-pair and re-pair your cell phone or smart-phone
Phonebook will not download	Android phones; you must make phone discoverable, check do not ask again when downloading.	Hit reset button or unplug SmartNav 5 from harness. Reconnect harness.
Cell phone hangs up when car is shut off	You must hit the disconnect button in Bluetooth application.	You can access Bluetooth from main screen and iGO GPS main screen.
No sound coming from SmartNav 5 speakers	Check to see if FM transmitter app is on, uncheck and hit save icon.	Auxiliary cord not in all the way. When used.
Files not opening	Double tap file icons when using video, music and photo apps	Must be a 4BG to 32GB Micro SD card.
Screen frozen	Either an app was not shutdown properly or running corrupt files.	Hit reset button or unplug and re-plug back in harness.

WARRANTY

App-Tronics matches the original manufacturers warranty when installed by an Authorized Dealer up to 5 years, any vehicle under 3 years of remaining factory warranty receives a 3 year extended warranty from App-Tronics. If any entity other than an Authorized Dealer installs the SmartNav 5 system they will receive the standard one year warranty below. The registration card must be filled out and returned to App-Tronics within 30 days after installation has taken place. Failure to do so could result in a voiding of the extended warranty.

For period of one year from the date of first consumer purchase, App-Tronics, LLC will, without charge, repair or replace, at its option, defective products upon delivery to an authorized Service Agent, accompanied by proof of the date of first consumer purchase from an authorized dealer, such as a duplicated copy of a sales receipt.

The customer has to pay shipping charges to deliver the product for service. The return charge will be at our expense, if the product is proven to be under warranty.

This limited warranty does not apply:

To any product damaged by accident;

In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs;

If the serial number has been altered, defaced or removed.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty.

License Agreement

App-Tronics and its licensors grant to the purchaser a non-transferable, non-exclusive license to use the software and data installed on our products and the related documentation solely for personal use only on such products.

The purchaser should not copy, reverse engineer, translate, port, modify or make derivative works of the software and data. The purchaser should not loan, rent, disclose, publish, sell, assign, lease, sublicense, market or otherwise transfer the software and data or use it in any manner not expressly authorized by this agreement.

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The software and data is complex. App-Tronics, LLC and its licensors intend to provide their customers the most complete and accurate information available at a reasonable cost from government and private data sources. However, all data sources have limitations and some have inaccuracies or are incomplete in some degree. As such, App-Tronics, LLC and its licensors do not make any warranty regarding the accuracy or completeness of data used by this product and shall not be liable to the user for any incidental, consequential, special, indirect or exemplary damages including any fine, civil or criminal penalties arising from the use of the product.

APP-TRONICS SMARTNAV 5

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This warranty card must be filled out and returned to App-Tronics to receive the automatic extended warranty when installed by an Authorized Dealer. Warranty matches cars factory warranty up to 5 years, cars with under receive a max 3 year extended warranty. If installed by anyone other than an Authorized Dealer, the standard one year warranty takes place. Please scan and email this card to info@app-tronics.com, or mail to 1605 Commodore Cove Painesville Ohio 44077.

SmartNav 5 serial # _____

Purchased at _____ Phone # _____

Dealer's address _____

City _____ State _____ zip _____

Vehicle identification number _____

Customer Invoice number from Installer _____ Date _____

Vehicle make _____ Vehicle model _____ Year _____

Customer Name _____ Phone _____

Customer address _____


City _____ State _____ zip _____

Facility Rep. Signature of professional install _____

Date _____

Vehicle owner Signature _____

Date _____



App-Tronics motto “Details on their own can mean little, together they mean everything” is how this company was started. Perfecting every aspect of the products’ use and performance has always been our goal. When you see the SmartNav 5 for the first time, you will appreciate the dedication the staff at App-Tronics has put into this product. This is what makes the SmartNav 5 the benchmark in applicational rear view mirrors that will never be challenged.