App-Tronics

WWW.APP-TRONICS.COM

SmartNav 5

App-Tronics motto "Details on their own can mean little, together they mean everything" is how this company was started. Seeing that every effort for perfecting every aspect of the products use and performance were never sacrificed for financial gain. When you see the SmartNav 5 for the first time, you will appreciate the dedication the staff at App-Tronics has continued to give. Making SmartNav 5 the benchmark in applicational rear view mirrors that will never be challenged.

TF CARD

TV

USB

RESET

FC ♻ CE ㏒

www.idch.com.cn   Model No:513 Pro

Length: -0.2 mi   Time: 0:00

0.4 mi
50 sec

0.3 mi

Richland Ave

1932

Elmwood Ave

1 mi
0:02:25

Clover Ln

Distance
2.5 mi

Time Left
0:05

Massie Ave

Arrival Time
21:21

Speed 25 mph
29

- DC -   9 - 9   21:15   545 ft   Fast

GPS

Operational Manual

2013 SEMA
GLOBAL
MEDIA AWARDS
WINNER

Introduction to your SmartNav 5 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. SmartNav 5 also features DVR continuous recording, reverse HD camera, Bluetooth 4.0, music player, video player and a photo viewer with upload capabilities from one of its two Micro 32GB SD card slots. This is all on a 5 inch captive one-touch screen on a standard size rear view mirror with an easy to use interface and OEM mounting.

SmartNav 5 now comes standard with the same wireless technology that our Stealth Interceptor systems use, allowing for SmartNav 5 owners to purchase and use the Stealth System components through its "Drive Application". This allows you to receive alerts from the front bumper mounted Radar Detector and Laser Diffusers.

Its new interface also allows for driver preference when it comes to viewable icons. As few as 3 to 6 icons can be chosen to be displayed on the 5 inch touch screen. The screen and captive display allow the driver to see right through the image to safely see behind them. The screen display can be turned off while still receiving turn by turn directions from iGo Primo also allowing driver to hear their selected music or media files. SmartNav 5's "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.

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 purpose and use of our 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 turning on the media player.

THIS IS TO INCLUDE THE MISUSE OF ANY APPLICATION ON OUR PRODUCTS. THAT COULD CAUSE DRIVER DISTRACTION OR UNSAFE DRIVING. BY PURCHASING 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 DRIVING LAWS WHERE OUR PRODUCTS ARE USED.

SmartNav 5's come equipped with the same wireless technology as our Stealth Interceptor 2300is, allowing for owners to purchase the Stealth's Radar Detector and Laser Diffusers at any time. Drivers will be alerted through the SmartNav 5's "Drive Application" as well as the navigation software provided by a fully featured "iGO Primo".

App-Tronics has a current up to date red light camera and speed trap database preinstalled, giving ample warnings when approaching these areas. The application will allow you to add to our own database if not already recorded.

For further information on how to purchase the Stealth Systems upgrade kit, please visit our website at www.app-tronics.com or call us at 1(888)587-4111.

Table of Contents

SmartNav 5 PND accessories

Upgrade kit now available!

SmartNav 5 PND can be upgraded to allow the Drive Application to alert drivers of law enforcement radar and diffuse their laser guns.

ADATA micro SD cards

Visit App-Tronics.com to purchase additional 8, 16 and 32GB ADATA Micro SD cards to be used for your media files.

Power button

The top button upper left: Power button, used to power on and off the device. Also to put in standby mode.

Red Indicator light: Only lit when SmartNav 5 is charging with either the home or car charger. Please note to keep a longer better charge turn off device when charging.

Green indicator light: Lit when device is powered.

Touch screen: The SmartNav 5 PND comes with a state of the art touch screen allowing for fast and accurate use. Note: when opening files inside media applications, SmartNav 5 PND requires a double tap to open those files or folders.

Back and ports of SmartNav 5 PND

Auxiliary audio out: Used for headphones when being used as a media player, or can be used to tie directly in to cars auxiliary port when FM transmitter is not in use.

Micro SD card slot: Used to load media or work files. All updates from App-Tronics are done through the SD card slot.

AV (Audio Video): This port is used to feed the audio and video to another device.

Mini USB: Used to charge the device with supplied car and home charger. As well as to access the internal memory of the SmartNav 5 PND.

Reset pin hole: Use the slide out stylus located on backside of device to reset if needed.

Slide out Stylus: The slide out Stylus is located on the back side bottom left corner of your SmartNav 5 PND. Best used for the Windows explorer keyboard and reset button.

Parts layout and description

SmartNav 5 PND clip: The clip has multiple functions. It snaps easily into the slots on the top and bottom of the device. (See following pictures). It also has a fold out for table top viewing. Lastly, used to secure to the windshield mount.
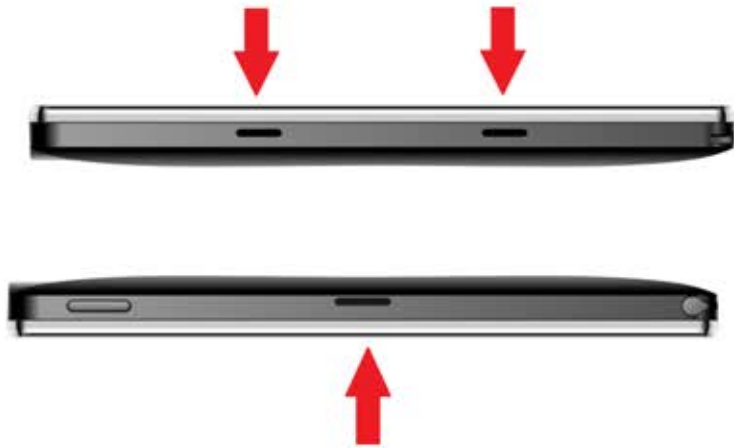
Suction cup windshield mount: The suction cup mount secures to the SmartNav 5 PND bracket. Please note the 4 pegs that slide and lock into place. Secure mount to windshield, close lever to strengthen the suction. Use the adjustment knobs to bring device into user preference.

Car charger: The car charger must be used while device's FM transmitter is in use or to receive the optional Stealth Interceptor 2300is wireless alerts. The SmartNav 5 PND uses direct power feed to allow these applications to run. This is intended for longer internal battery life.

Home charger and mini USB: The best way to charge the internal battery is the home charger. You can use the mini USB to USB cable to access the internal storage memory (Resident Flash) which has 8GB. Please note that most of this memory is used for iGO navigation, Nuance TTS for eBook Reader and speed trap and red light database. Do not delete any of the folders as you may cause the SmartNav 5 PND to not

run as intended. The Edog folder is your Drive application and mobile navigator is your iGO software. If you are looking to add media files please use the external micro SD card slot. The music, video, photos and eBook folders contain very few media files. These are intended for testing or learning the applications without a micro SD card being used.

You can create your own folders on a micro SD card, please visit app-tronics.com to purchase the preferred ADATA micro SD cards. 4GB to 32GB can be used.

Optional DVR recorder

If you have the SmartNav 5 PND with DVR recorder please refer to the "How to use your DVR recorder" chapter to learn the use and applications that come with the device.

Theme icon located on main display.

Click on the Theme icon pictured above. This will take you into Theme settings where you can change the number of icons displayed on the main interface.

SmartNav 5 is setup to mimic the standard interface of most smart-phones. Just like most Smart-phones it may take a day or two to become familiar with all the applications that come with the system.

The SmartNav 5 is a computer, App-Tronics recommends that you shut down some applications like video player or eBook reader before turning off your vehicle. If the SmartNav 5 does freeze or Bluetooth fails to initialize, simply hit the reset button or even unplug and re-plug the harness back in.

Theme display screen

Theme Settings

Number of icons shown: 6

Icon Theme: Theme 1
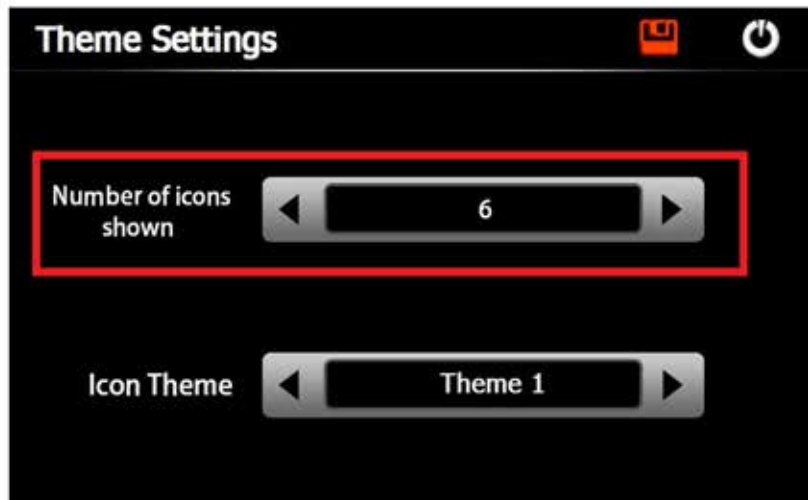
By clicking on the arrows under "Number of icons shown" and setting to "6" the top 6 icons will be placed on the bottom of the Main screen (GPS, Bluetooth, Music Player, FM Transmitter, Volume and Backlight).

By clicking on the arrows to choose "**3**" Number of icons shown, the top 3 icons will be displayed on the left hand side of the main screen (GPS, Bluetooth and Music Player).

Be sure to click on the Save icon shown above highlighted in red to save this setting, it will close out and change the Main interface to your choice.

Main screen with 6 icons show

Main screen with 3 icons show

After you have changed the theme settings to 3 or 6 icons, you will have to swipe your finger to the second screen which is now empty. Leaving behind your 3 or 6 icons

Note: when changing to 3 or 6 icons you lose 4 icons,

Laungauge, System, Snake and Gobang.

Main Screen icon description
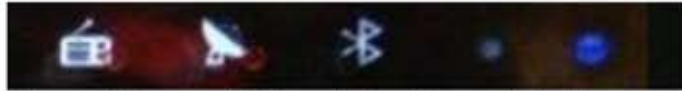
The white and blue dot pictured in the right hand corner of your screen represent SmartNav 5's two display screens. You can go back and forth between the two screens just by swiping your finger across the screen to access the second screen.

The Radio icon is a shortcut to access your FM transmitter, by tapping this icon it will take you to the FM transmitter display screen. It also tells you if the FM transmitter is in use.

The satellite icon is a shortcut to your GPS signal display and also indicates to the driver the SmartNav 5 has locked on and iGO navigation can be used.

The Bluetooth icon is also a shortcut to your Bluetooth settings and indicates that a phone is paired.

Main screen with "All" icons shown

When "All" style is choosen under theme settings an extra 4 icons appear. Laungauge, System, Snake and Gobang. You will need to use the "All" style choice to find and and change your language preference.

Icon Themes can be changes as well
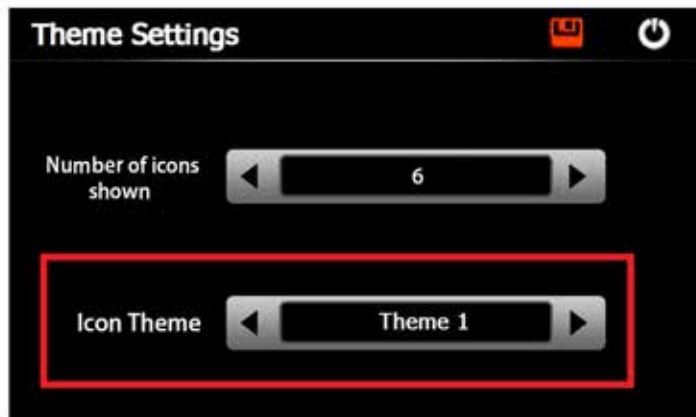
By selecting Icon Theme settings you can select 1 of the 5 different choices for your icon themes. Hit the save icon highlighted in red to save after your selection.

Move your icons to your desired position by long pressing the icon and sliding it to desired position.

How to use your GPS navigation

Tap the navigation than tap .

Once you have opened your GPS navigation icon, it will take you to SmartNav 5's Drive application. From here simply touch the button on the display labeled **iGO Primo Navigation.** Once pressed it will take you straight to iGO Primo.
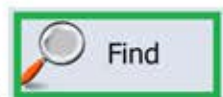
Quick reference guide to iGO

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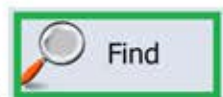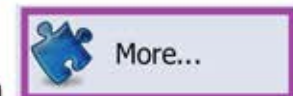
The green squared text [Find] will take you to your choice of addresses to be searched with automatic selection for quick address location, Find Places like restaurants, gas stations, accommodations, parking and millions of other destinations. Along with custom searches and along route searches, giving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

The yellow squared icon [My Route] will take you to the route options such as canceling route, upcoming traffic and detour options.
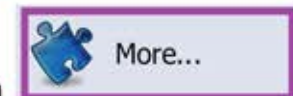
The purple squared icon [More...] will take you to a host of icons which will give you access to any media stored on your device like Music or pictures, along with every unit conversion from pants size to measuring tables.

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 master volume can also be adjusted. 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.

How to use your Bluetooth 4.0

Tap the Bluetooth icon to start the setup of your smart-phone or standard Bluetooth device.

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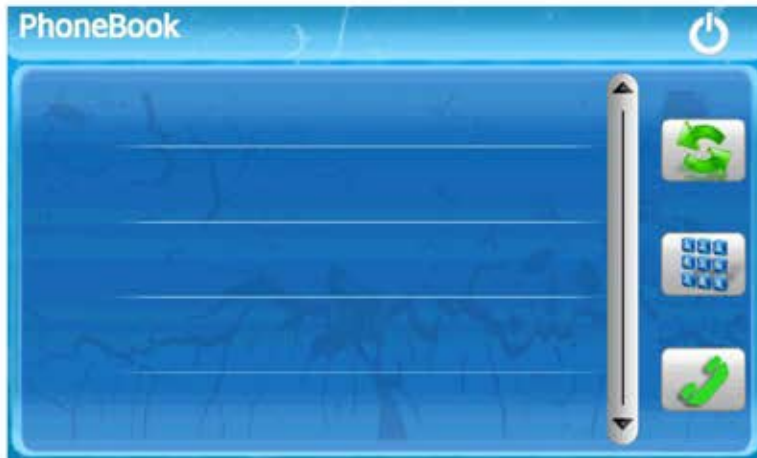

Tap the green arrows icon to start phone search.

After device is found highlight by tapping it once

and tap the 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.

Tap the phonebook icon to access

PhoneBook

Tap the green arrows icon to dowload your phonebook

PhoneBook

The device is syncing...

Tap the green phone icon from phone book after a name has been highlighted to place call.

PhoneBook

Mark Tierno	888-587-4111
Zachary Logan	440-975-3443
Julie Lynn	440-626-7865
Nick Andrew	440-656-8767
Bill Gibson	440-975-2337
Frank Stead	216-876-1973
Brian Oconnor	440-658-2312
Mike Pashay	409-237-7321
Kenny Staebler	216-656-4375
Jim Morrison	605-732-7231
Joe Montana	440-629-7574

Incoming call

075586264710
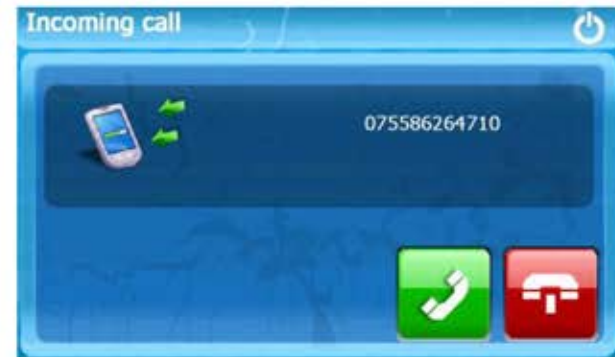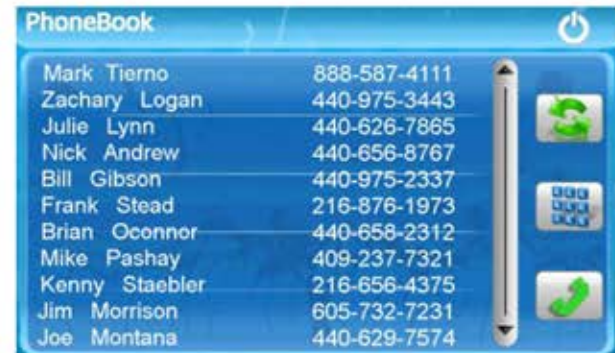
Calls press the to accept Press to decline.

Active call

13800138000

00:00:04

To transfer from cell phone press the icon.

Tap the Keypad icon to access keypad to dial by number.

Tap the Dial Record icon to enter dial record.

Press the settings icon on main Bluetooth screen to access the Bluetooth settings.

Press the keyboard icon to change pin code or device name that registers on your cell phone.

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

Select Music icon to access your smart-phones Music library. You can play, pause, reverse and forward your selected music.
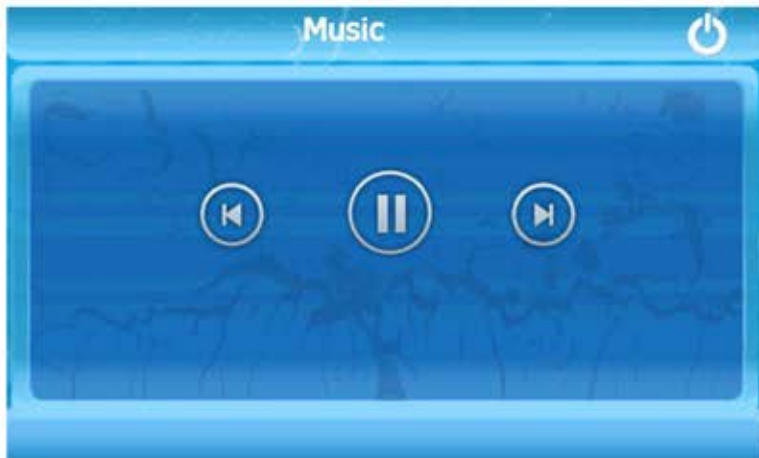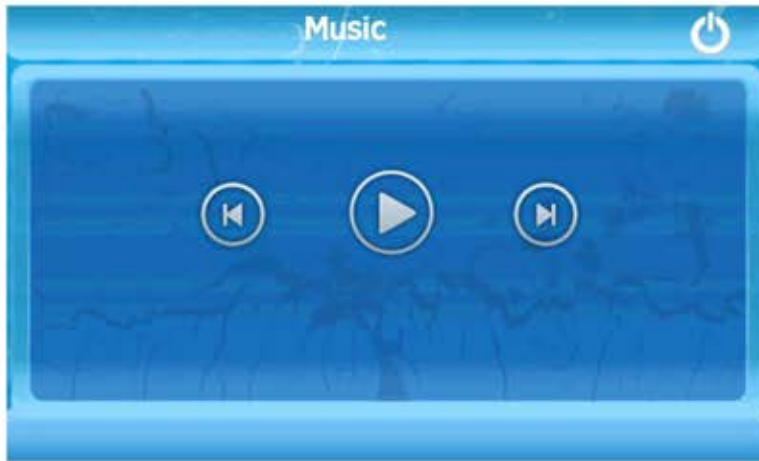
The internet explorer or "dun List" is not yet available on all SmartNav 5's. Please contact App-Tronics at info@app-tronics.com to see if an update has been issued.

Whenever an active call comes in and you want to return to the previous display screen like iGO Primo navigation, simply press the power button at the top of all the Bluetooth displays screens till you return back to your navigation. It's just like closing windows on your PC.

How to use your Drive application

The SmartNav 5 Drive application is meant to be used when driving your vehicle. It gives you access to all you need in a safe and proper manner. The picture and text below will give an easy to follow breakdown of the Drive Application's functions.

As in the previous chapter *How to use your GPS Navigation,* **tapping iGO Primo Navigation** will take you to iGO Primo GPS guided navigation. NaviB is slotted for adding another navigation system you as a consumer may own. Please read forward to learn how to utilize adding another navigation program to the SmartNav 5.

How to add or delete to our Red Light and Speed Trap database, including such safety hazards as Black ice.

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 Add Location icon shown above in red square.

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 Delete icon .

This color coded breakdown will show what the top bar on the Drive Application means to the driver.

| RF Disconnected | iGO : A | Alert mute : 0 MPH | Position InValid | ✕ |

The RF Disconnected or Connect highlighted in Red

RF Disconnected 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.

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

The Alert mute speed Alert mute : 0 MPH 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.

The Position Valid or Invalid Position InValid highlighted in Orange shows the status of the GPS satellites connection, do not run your navigation till Valid status for maximized performance.

These tables will explain how to use and change your settings in the Drive Application, as well as the use of the optional Upgrade Stealth systems radar detector and laser diffusers

The Settings Setting tab highlighted in Red. Will take you to the Drive Applications settings interface for the optional Stealth Interceptor 2300is radar detector and laser diffusers. (SmartNav 5 Upgrade Kit)

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	Preview
Speed of Silence	0 MPH	When car speed is smallar than the value, the alarm does not prompt
	▲	Add the speed value
	▼	Sub the speed value
Navi A	iGO: A	Select A as current executed navi program, Navi A will display on title bar.
Navi B	Navi: B	Select B as current executed navi program, Navi A will display on title bar.
Paths		Specify the path of navigation A and B
Volume	—	Volume discrease
	+	Volume increase

Tap the Magnifying Glass either marked Navi: A or Navi: B. Some SmartNav 5 models are marked iGO: A.

Tall buildings, tunnels and underground parking can all 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.

Stealth Interceptor 2300is Upgrade Kit (Optional)

If you have purchased the Stealth Interceptor 2300is radar detector and laser diffusers Upgrade Kit, please follow the manual that came with the kit for installation.

The SmartNav 5 will automatically connect with the front bumper mounted radar detector and laser diffusers moments after your car is started.

To hear and see the wireless alerts being received by the SmartNav 5's wireless receiver, open up to Drive application by entering the Navigation icon.

While in both the Drive application and iGO Primo GPS navigation, the alerts will come thru audibly and visually.

To mute in coming alerts: Simply double tap the speed alert icon, you will have to mute the next alert that comes through.
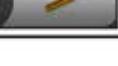
Please refer to the previous chapter that goes over the Settings display, to adjust your alert settings for the Stealth Interceptor 2300is radar detector and laser diffusers.

Setting

Tap the Music Player icon to enter the below Music Interface.

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.	
00:11	Time	Display the run time.	
	Equalizer	Enter the equalizer.	

Tap 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.

The Movie Player, Flash Player and RMVB Player icons can all be tapped once to enter the selected Player Interface.


00:21/03:29
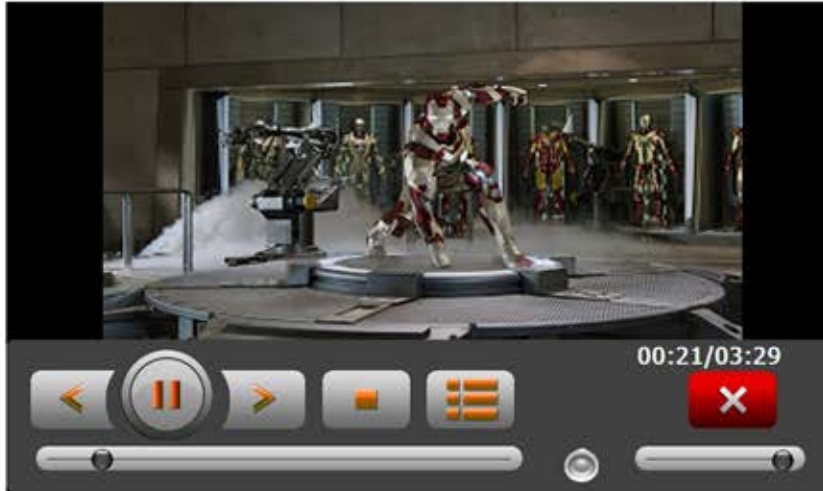
Icon	Name	Explanation
✕	Close	Close the video player.
‹	Previous film	Play the previous film.
▶	Play	Continue playing the paused/ stopped music.
›	Next film	Play the next film.
▬	Stop	Stop the film being played.
☰	Video folder	Enter to select a film to play.

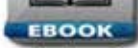|		
	Progress	Drag the sliding block leftward to play from a Previous moment or rightward for a coming Moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
00:00:00/00:00:30	Time	Display the play time and the music duration.

Tap the File icon to enter the Video Folder from here you can play a selected video from your Micro SD card.
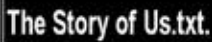

\SDMMC\

France.wmv.. Ironman.wmv. Boondo.wmv. Tron.wmv...

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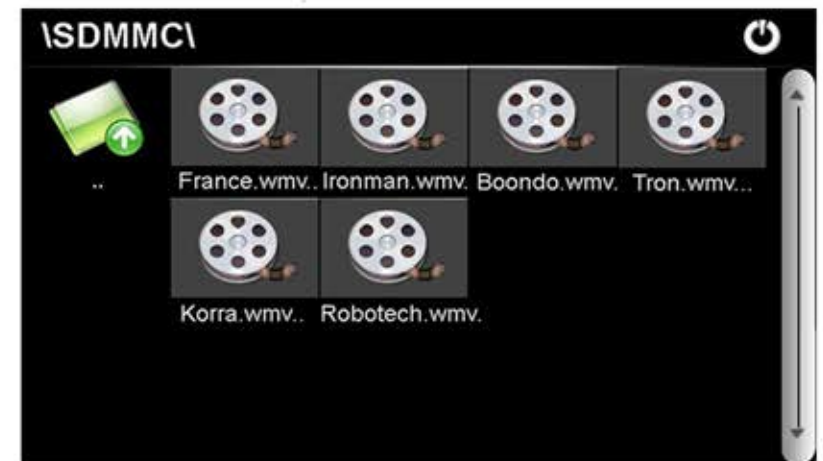
Icon	Name	Explanation
	Close	Close the video folder.
	Scroll bar	Drag the sliding block upward/downward to view all the files inside the folder.
QXXS.WMV	Film name & format	Film name and its format

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eBook Reader

Tap the eBook Reader 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 cars 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.
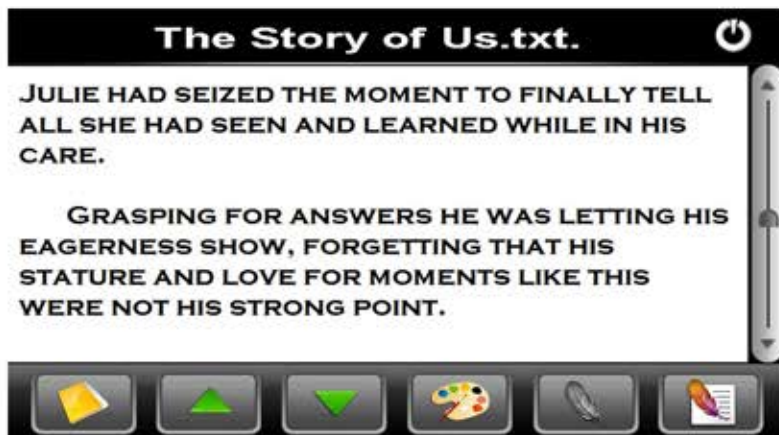
Icon	Name	Explanation
The Story of Us.txt.	File name & format	Current file name and format.
	Close	Close the reader.
	Scroll bar	Drag the sliding block upward/downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	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

Tap the Paint Board icon to enter the eBook Reader settings shown below.

\SDMMC\megoI20131008\EBOOK\

The Great Go...

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

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

Tap the File or Folder icon to enter the Micro SD cards uploaded converted to text eBooks.

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.

Bookmark List

1. u think I could have a look at the rat?" he said evenly. 79%
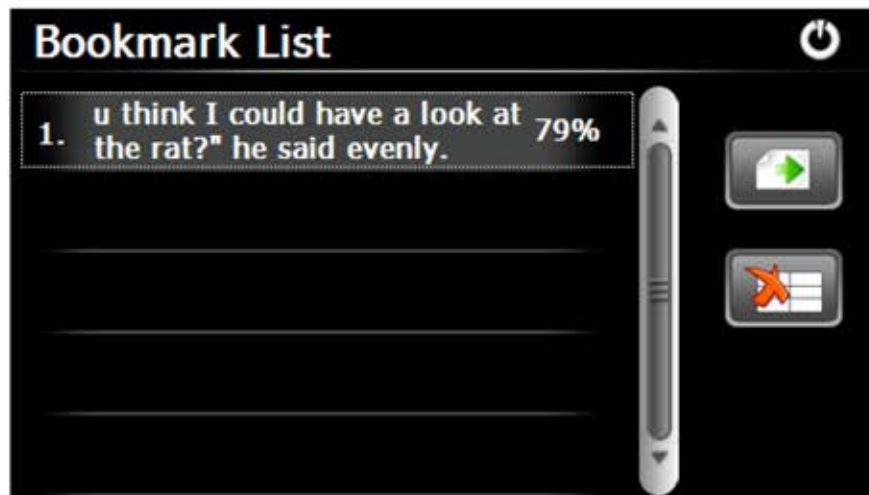
Drag the scroll bar to find the desired bookmark. Tap the Green Arrow icon to go to that location within the converted to text eBook.

Tap the Delete icon to remove a specific bookmark.

Tap the wallpaper icon to allow changing of your SmartNav 5 wallpaper.

To set your wallpaper simply double tap the wallpaper of your choosing, or tap once and hit the "settings" Button at the bottom of the display screen. It will take a moment for SmartNav5 to change out the wallpaper for you.

Wallpaper settings

Windows CE can be accessed by tapping the icon.

The SmartNav 5 PND allows you to access the operating system Windows Explorer. This will allow you to view and edit Excel and Word documents among other useful tools. Look for future updates from App–Tronics to further utilize this application. NOTE: Do not delete or move files that may be critical to SmartNav 5's functionality.
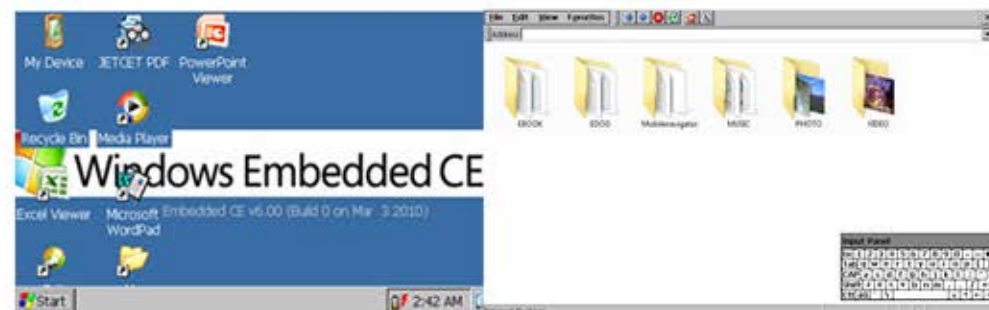
Tap the FM Transmitter icon to enter the FM dialing interface.

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).

FM Setting

Use FM

Frequency

99.00 Mhz

(power icon)	Close	Exit the FM Setting.	
(save icon)	Save	Save current setting.	
Use FM	Use FM	Cick in the box to enable FM function.	
Frequency	Frequ ency	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.	

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Tap the GPS Viewer icon to enter the GPS reset interface.

GPS Info

SignalState:Invalid
Latitude:N00.000000°
Longitude:E000.000000°
Altitude:0
UTC:06/01/80 00:10:06
TotalStatellites:1
StatellitesInUse:0
Speed:0.000000 km/h

W   E

S

28

15
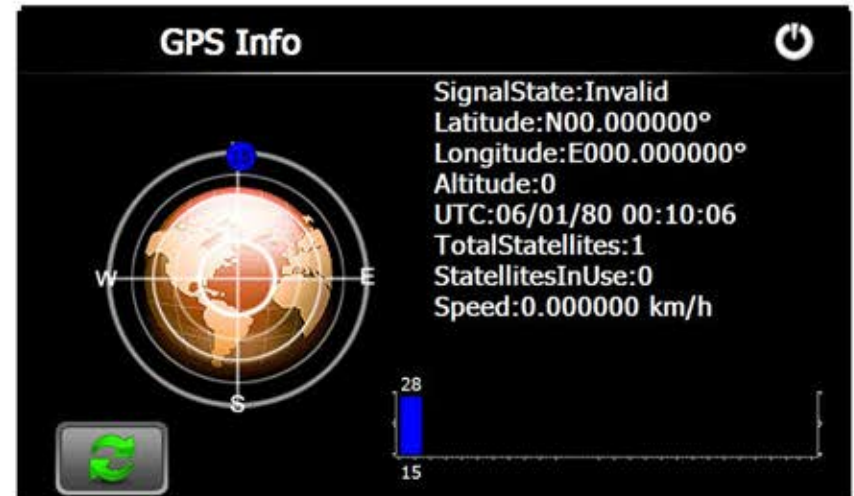
If your SmartNav 5 is not receiving a strong signal due such reasons as initial setup, vehicle stored for winter months, please tap the Reset icon to reset the GPS satellite receiver.

GPS Information

SignalState:Invalid
Latitude:22.540922
Longitude:113.947225
Altitude:78.126000
UTC: 0:50:47
Statellites:8
SatellitesInUse:0
Speed:0 km/h

Are you sure to reset GPS satellite receiver?

OK   Cancel

17

284 10121317232

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 reset without reason.

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Tap Navi Configuration icon to alter what navigation software will be used when you tap the navigation icon.

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 "iGO Primo Navigation [iGO Primo Navigation] .

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 Navigation Exe

Navigation exe file path
\SDMMC\3618 usa(WM)\EDOG\WM_Edo

☑ Auto run navigation software on startup

Select a map address and tap [save icon] to save the setting.

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

Tap the Photo Viewer icon to access your Micro SD stored photos.

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.

Tap 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 bottom tool bar).

\SDMMC\PHOTO

Home coming....   Stealth Interceptor......   Kevin Flynn....   Haunted House...
Vacation 2012....   Talking Dead......   Nicks BMW M3....   Bill & Jen St.Pat..
Julie & Mark......   RX8 2005.........   Aquarium D......   Grandma &
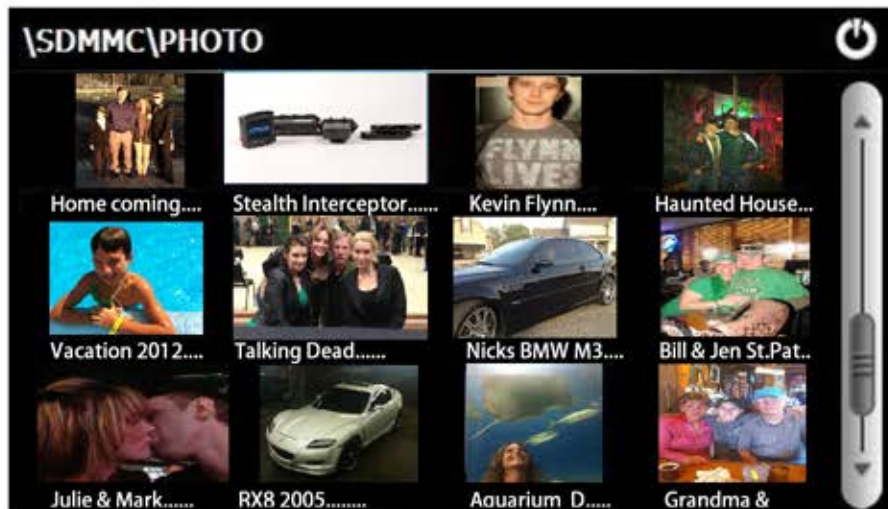
Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

Tap the Volume icon to adjust the volume settings of your SmartNav 5.

Volume

Volume

Enable sounds for taps

Music   Music01.wav

	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.

Tap the Backlight icon to change the brightness and delayed brightness settings of the SmartNav 5 display screen.
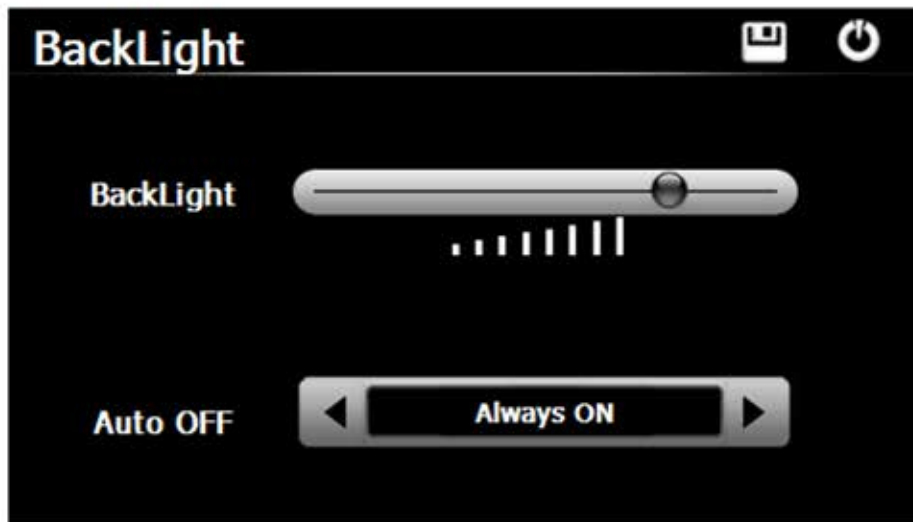
	Close	Exit the backlight setting.
	Back-light	Drag leftward to turn down or rightward to turn up the backlight.
	Auto off	Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap ◀ or ▶ to view the options in cycle.

Tap the Language icon to change the interfaces language settings to the appropriate user or area.
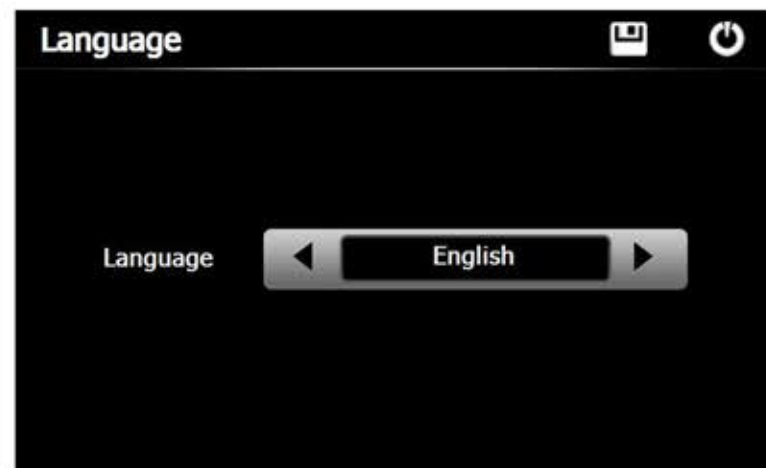
Tap the left Arrowhead icon or the right Arrowhead icon to select a system language, tap the Save icon to save your selection.

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.

Tap the Date/Time icon **24** to adjust the SmartNav 5's date, time and regional location.
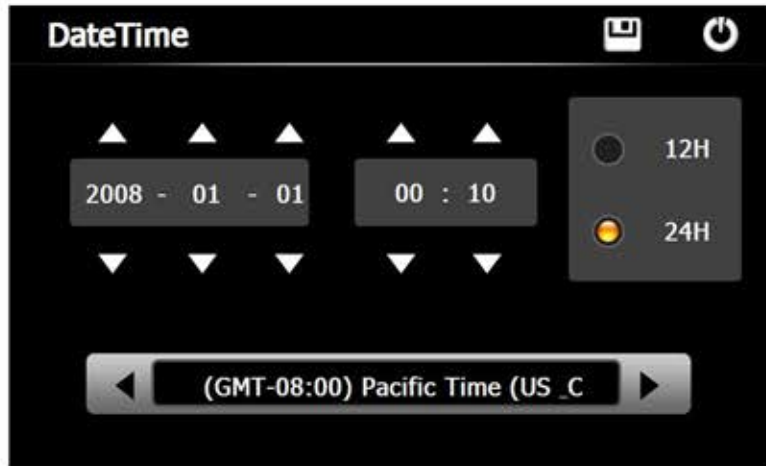
Setting the System date and time of your SmartNav 5

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.

Optional SmartNav 5 front viewing DVR camera

Some SmartNav 5 PND's can come with a front viewing DVR.

This chapter will review and show how to best utilize the forward thinking behind the technology.

Please revert to "Overview of SmartNav 5 layout" for the operational button selection of the DVR system. Please note that the SmartNav 5 will come fully operational with DVR continuous recording, as well as interior cab audio recording.

Once you have completed the operational use of the DVR buttons used to control your DVR, you can quickly utilize all it has to offer.

Whenever you want to view you're driving footage simply remove the Micro SD card from the secondary slot located on the upper left hand side of there mirror.

You will have to remove the cover protecting the card. Insert the Micro SD card into your home PC (Adaptor may be needed). Once inserted the PC will ask you to allow the ADR player to be installed onto your PC.

From there the ADR player will take over allowing you to view all the driving footage stored on its Micro SD card. Next are the display screen instructions on how to use the ADR Player.

Insert the Micro SD card provided into the computer and double click the ADR icon. ADR Player **The below interface will appear. You can replay video from the SD card, delete locked files or save and share them from your computer. Go to App-Tronics.com for video demo on how to use your ADR player further.**

Open | Snap Shot | Save | Delete | Tools | Reverse | Stop | Play | Forward | Volume | Loop | Rotate | KML | Map | G-Sensor | Repair | Unlock | Adjustment

The Micro SD card that comes with the SmartNav 5 in the DVR slot, does not come preformatted. To maximize the recording time you must format the card from your home PC. If you are unfamiliar with how to format a SD card visit App–tronics.com and go to the download page to learn how to do so. It's a very easy quick process.

SmartNav 5 will ask you to reformat that card to its operating system when reinserted, click yes. You will than maximize your recording time. This process will have to be redone if you insert a new larger SD card, up to 32GB.

Features of the digital video recorder

High Definition: Video size can be set to high definition HD 720P (1280x720/30FPS) or VGA (640x480/30FPS). When memory card is full, the new video clips will Automatically overwrite the prior earliest footage.

East to use: SmartNav 5 is already set to record soon as you start the vehicle, it will start and stop filming in unison with the vehicles drive time. **Please revert to the SmartNav 5 overview in the beginning of the manual to use buttons to mute the interior cab or view footage from the device itself.**

MJPG video format: When you access your ADR footage, the films are complete real images. Setup in minute or so strips allowing for easy sharing of your videos.

Storage of media: The DVR requires a Micro SD card from 4-32GB. App-Tronics supplies an 8GB card with purchase, Allowing for immediate use.

Optional Standard reversing camera

If you have the DVR version of the SmartNav 5 PND, you may add on an optional rear camera. Please visit App-Tronics.com for further information or call 1-888-587-4111.

The reverse camera is meant for an additional aid, do not rely solely on the reverse camera when backing your car out of any position. Use the added safety features that come with your vehicle.

Refer to the installation manual for specific wiring and to the Specs of the SmartNav 5 for detailed information on camera specifications.

Using the primary Micro SD card

SmartNav 5 only comes with one 8 GB Micro SD card, which is added to the DVR slot. **When wanting to watch videos, listen to eBooks, view photos or listen to your own uploaded music. You must insert another Micro SD card into the primary SD slot located on the lower left side of the SmartNav 5.**

You can also use this primary 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).

Notes when using or inserting Micro SD card:

1. Do not take out the Micro SD card while you are using any of the stored media on SmartNav 5's applications. **Example:** If you are running video feed from the Micro SD through the Video Player, do not remove the SD card till you power down the video player.
2. To avoid damaging your Micro SD card do not exert heavy pressure or bend it while inserting and removing the card.
3. Store in proper container if ever removed from the SD slot.
4. Mind the direction while inserting the Micro SD card. The front of the card should be facing towards the inserter, never force the SD card into slot. Line up correctly and try again.

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	

SmartNav 5's DVR Error Messages

Error Message	Description	Solution
No Card	No card is being seen by SmartNav 5	Push n a new formatted card
Card Protected	Card has been locked or protected	Unlock and reinsert again
Card Error	Error occurred when transferring files to the card	Replace with new card or reformat and attempt again.
Card size to small	Card size is less than 4GB	Replace card with 4GB or higher
Card not formatted	Card has not yet been formatted	Card must be formatted refer to section 1.7
Card size changed	Card size has changed so it cannot record	Back up data and format card. Refer to section 1.7
Protected slot full	There is no more room for locked videos.	Unlock some videos in playback mode or use your home PC with ADR player. Which is auto added to each card inserted.

Featured Specifications of the SmartNav 5

GPS navigation	Win CE 6.0 Operation System. High sensitive GPS signal received ability.
Digital Video Recorder	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
Optional Radar detector Laser diffusers	Stealth Interceptor Systems can be added any time. SmartNav 5 is fitted with wireless technology allowing your SmartNav 5 to pick up the transmitted alerts from the front bumper radar detector X, K ,KA, KU and 2 laser diode diffusers which disrupt targeted law enforcement's laser guns
Reverse Camera	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	CSR Blue tooth provides for data and voice communications 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	From 87 to 108MHz. <10 Meter 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)
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

Included Hardware

CPU	ARM11	800MHz
Memory	NAND flash	128 MB / 8GB
	SDRAM	256 MB
GPS Receiver	GPS Module	Mstar
Antenna	Internal Antenna	Embedded type, Patch Active Antenna
Display	Color TFT	5" TFT, 800*480, Landscape
Power	Supply DC Voltage	12V
	Power	12V, 1A
Input/output	Touch Panel	Multi-touch capacitive touch screen
	Speaker	Dual channel speaker. 1.5W
	SD/MMC Card Slot	Capacity up to 32 GB, storage maps and data
	TF Card Slot	Support 4~32GB, storage recorded video
	Micro phone	Use to record and Bluetooth.

Trouble Shooting

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.
Optional radar detector and laser diff. not alerting	Must buy Upgrade kit, see manual for details, or go online to app-tronics.com.	SmartNav 5 must be in "Drive application" or iGO GPS to receive alerts.
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.

App-Tronics SmartNav5 PND comes standard with a one year warranty. An extended warranty can be added by filling out the registration card on the next page (63). Please fill out completely and return as instructed to receive the extended warranty of 2 years from date of purchase

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.

By using this product, the purchaser agrees to be bound by the terms and conditions of this license agreement.

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The software and data are provided to the purchaser "AS IS". Facets and its licensors make and you receive no warranty for the software and data, whether express or implied, and all warranties of merchantability and fitness for any particular purpose for the software and data are expressly excluded.

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.

To receive the 2 year warranty this warranty card must be filled out and returned to App-Tronics, LLC. All product warranty will receive the standard one year warranty if not returned within 30 days of purchase date. Please send a copy of the store receipt along with this card to:

App-Tronics, LLC
1605 Commodore Cove
Painesville Ohio 44077
or scan and email to: info@app-tronics.com

SmartNav 5 serial #_____

Purchased at _____Phone #_____

Dealer's address_____

City_____ State_____ zip_____

Customer Name_____ Phone_____

Customer address_____

City_____ State_____ zip_____

Owner Signature_____

Date_____