



- 1 Previous year button
- 2 Annual graph
- 3 Next year button

- To exit Car Organizer at any time, press the "X" in the upper right corner.

## Scheduler

- The Scheduler allows the user to enter their daily schedule as well as future appointments.
- First choose a date.
- The previous and next month arrow keys will move through months
- The previous and next year arrow keys will move through years
- Select the day you wish to enter information by touching that day on the calendar.



- |   |                                   |    |                       |
|---|-----------------------------------|----|-----------------------|
| 1 | Previous year button              | 6  | Forward year button   |
| 2 | Previous month button             | 7  | Close program button  |
| 3 | Currently selected month and year | 8  | Enter schedule button |
| 4 | current day selector              | 9  | Calendar month        |
| 5 | Forward month button              | 10 | View schedule button  |

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- Once selected the day will display a green border
- Press the "Enter Schedule" key or press the highlighted day one more time.
- The enter schedule menu has five sections to customize your appointment information



- |                      |                          |
|----------------------|--------------------------|
| 1 Importance options | 6 Close program button   |
| 2 Date information   | 7 Classification options |
| 3 Content box        | 8 Time information       |
| 4 Keyboard           | 9 OK button              |
| 5 Cancel button      |                          |

- "Importance" allows the user to label the appointment with four levels of importance labeled A,B,C, and D.
- "Classification" allows the user to label the type of appointment in one of three groups labeled Work, Individual, and Miscellaneous.
- "Date" allows the user to change the date of the appointment.
- "Time" allows the user to select a start time and end time of the appointment. Note: after highlighting the time press again to select that time.



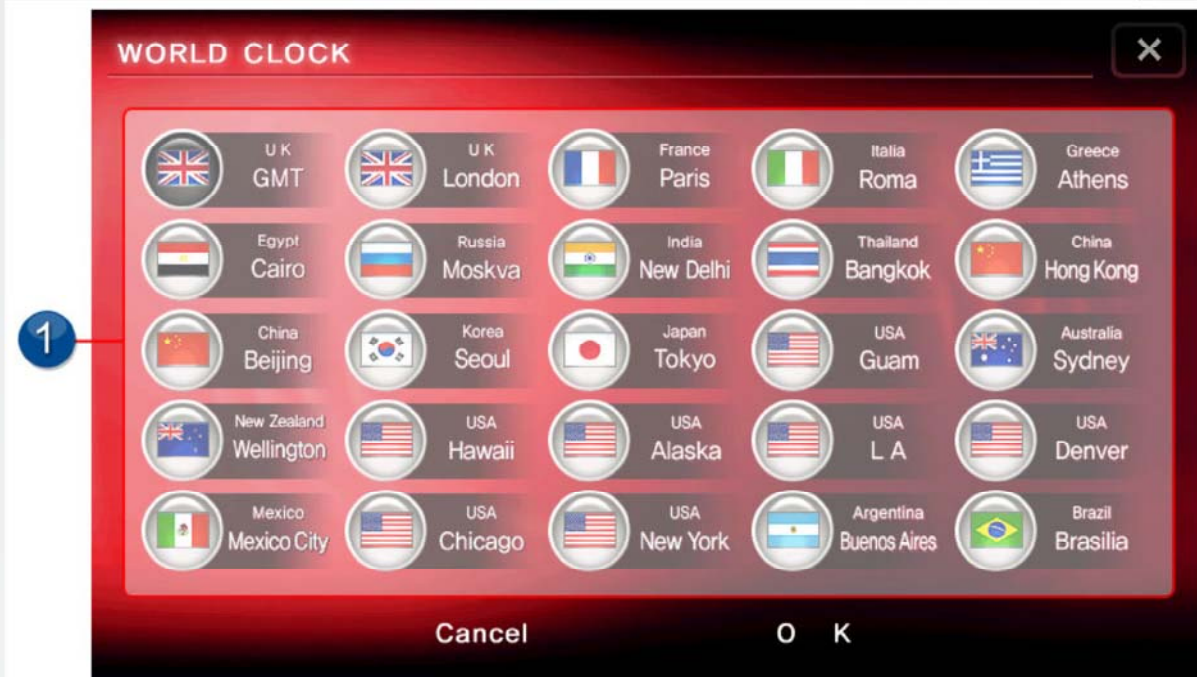
- "Content" allows the user to enter text information regarding the appointment.
- After entering the desired information press "OK" to save or "Cancel" to disregard
- After pressing "OK" or "Cancel" the daily information screen will be displayed.
- In the daily information screen you can modify current appointments, delete current appointments, or add new appointments.
- Pressing "OK" will return to the monthly information screen.
- While viewing the monthly information screen the... return arrow key will return the user to the current date.
- While viewing the monthly information screen the "View Schedule" button will access the currently selected daily information screen



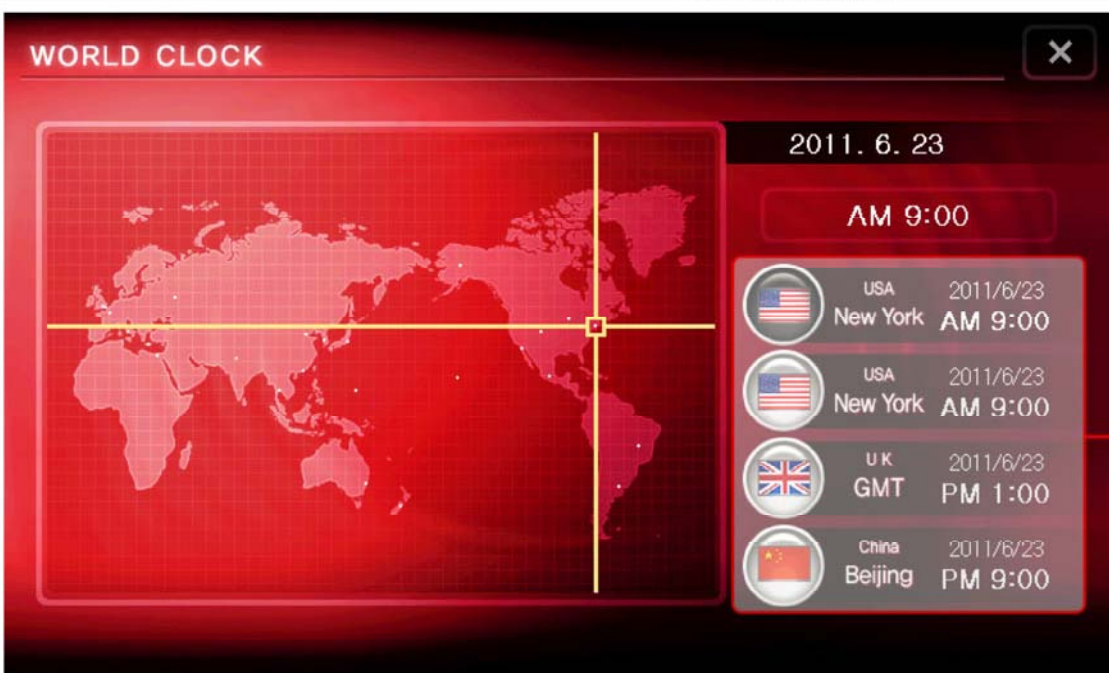
- 1 Scheduled appointment
- 2 Modification button
- 3 Addition appointment button
- 4 OK button

## World Clock

- The world clock program allows the user to see the current time in twenty five different cities around the world.
- Four cities can be saved into the main screen.
- To change one of the listed cities press the F lag button for the city to be replaced
- The full list of available cities will be displayed press the desired city to replace the previously selected city



1 Full list of available city time clocks



1 Currently selected city clocks

### Pull down menu in the Utility source

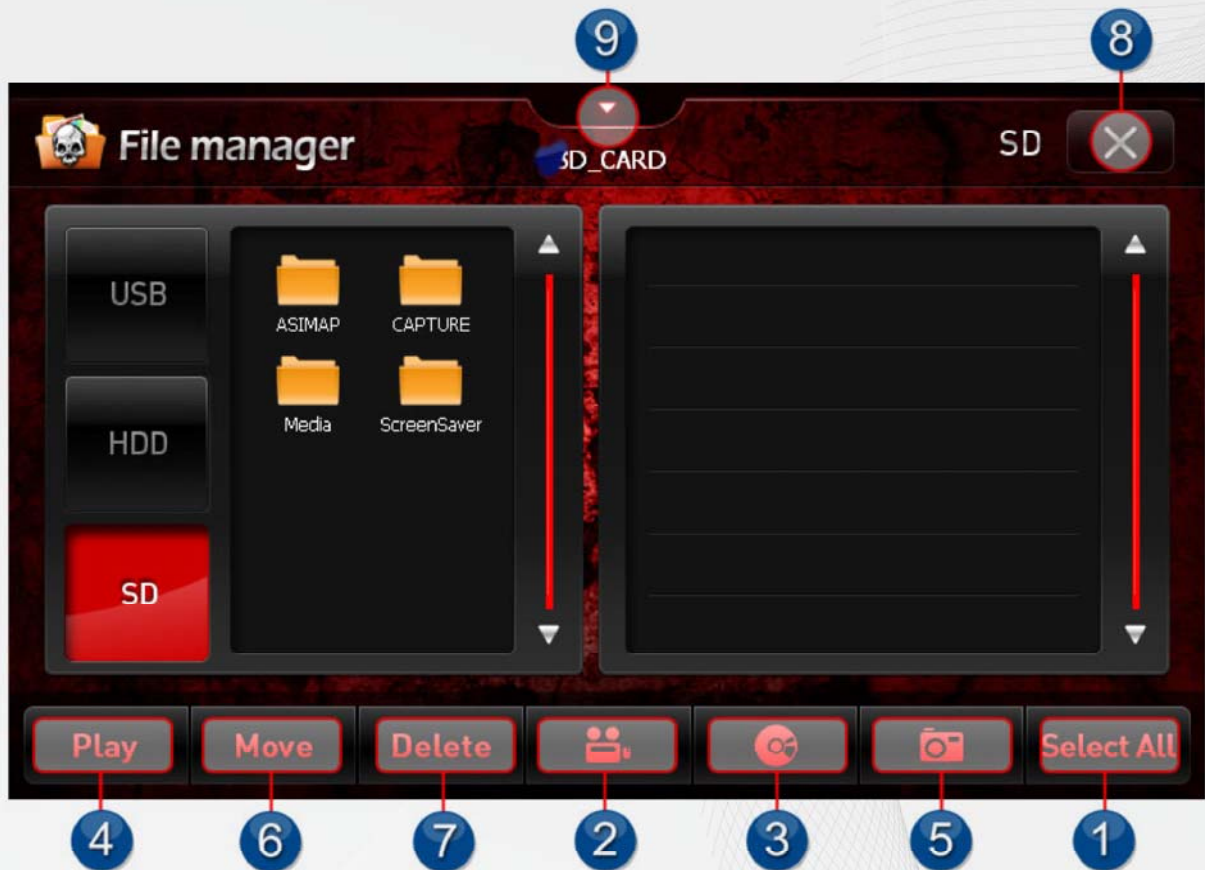
- The pull down menu is not available while running the utility source



## File manager

Select and transfer Audio, Video, and Image files stored in USB , HDD and SD.




### Managing files



- 1 Select all button
- 2 Video selector
- 3 Music selector
- 4 Play/pause button
- 5 Photo selector button

- 6 Move file button
- 7 delete file button
- 8 Pull down menu button
- 9 Pull down menu button

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- To begin managing files first select the location of the files.
- Select from the three storage devices available.
- "SD" for SD cards, "HDD" for hard drive. Or "USB" for USB memory stick "sometimes called thumb drive"
- Select the folder the desired file is located in. Note: folders may be inside of other folders
- All file types will be displayed unless the user selects a specific file type.
- To select a specific file type press the "Video", "Music", or "Photo" buttons on the bottom of the screen.
- Files will be tagged with the following images indicating the media type.
  -  Video file
  -  Music file
  -  Image file
- When selected only files of that type in the selected folder will be displayed.
- To deselect the specific file type press the currently selected button again.
- Once the desired files are visible the user has the option of selecting files one by one or all the files available.
- To select files one by one touch the file name.
- When selected the file name will be highlighted.
- To deselect the file press the highlight file name.
- Pressing "Select all" on the bottom left of the screen will select all files available in the currently selected folder.
- Once the desired files have been selected the user has the option of opening the file/files, moving them to a different location, or deleting the selected file/files.
- To open the selected file/files press the play button.
- To delete the selected file/files press the delete button
- To move the file/files press the move button.
- After selecting the move option "Moving selected file" will be displayed







- The "move" button will change to "paste"
- Select the location you would like to move the file/files to using the USB ,HDD, or SD tabs on the left and the folders inside each storage device.
- Once selected press the paste button to move file/files to the selected location.
- Moved files are no longer located in the original location. Ex: if you move a music file from a USB flash drive to an SD card the file will be deleted from the USB flash drive and be available only on the SD card.

Note: files not listed are not supported by Ingenix at this time.

Note: Some SD cards may not be supported.

Note: HDD drives must be formatted to FAT32.

Note: If an HDD is divided (partitioned) Ingenix will only read one partition.

## Pull down menu in File Manager

- While operating in the File Manager the Navi PIP button will switch to full screen Navigation when selected. Note: the Navi PIP button will not switch back to File Manager when pressed from the Navigation source.
- All other pull down buttons have standard function as listed on page 14.

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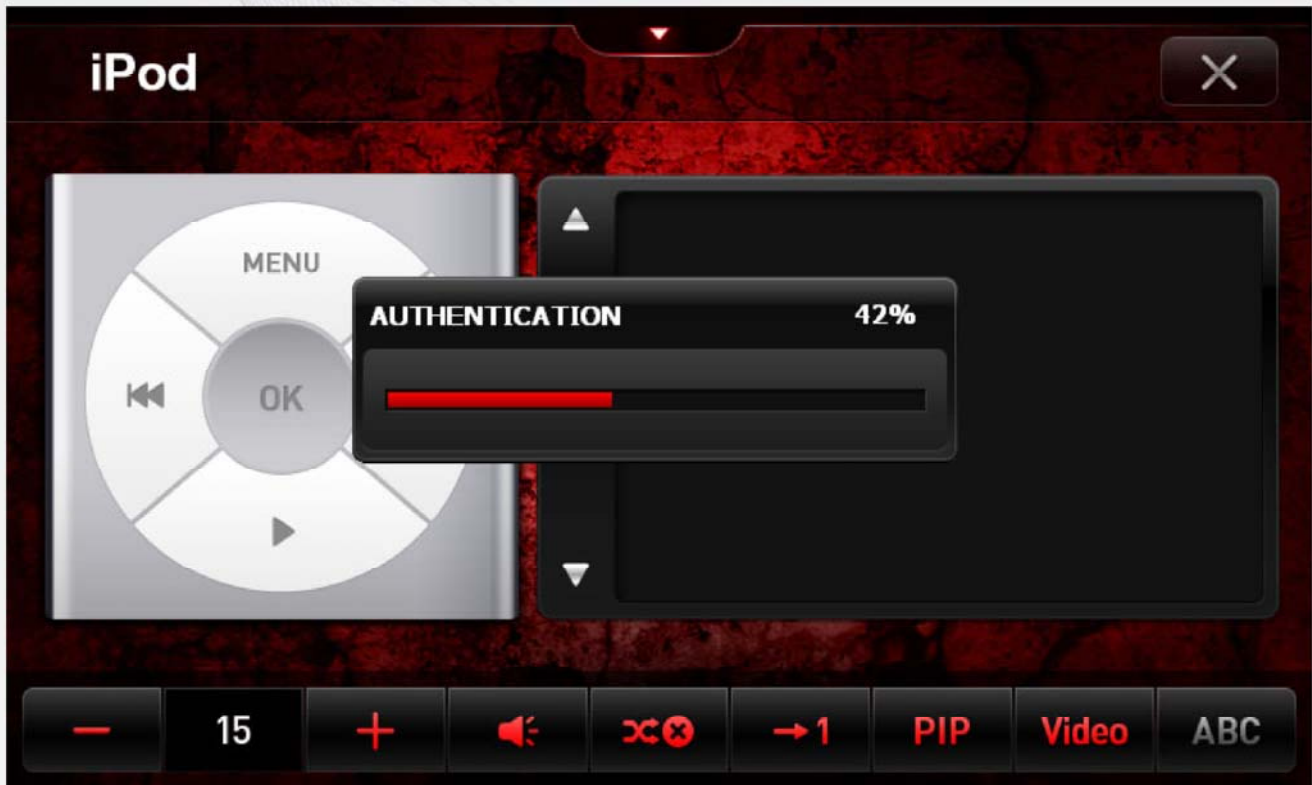
## Optional Sources



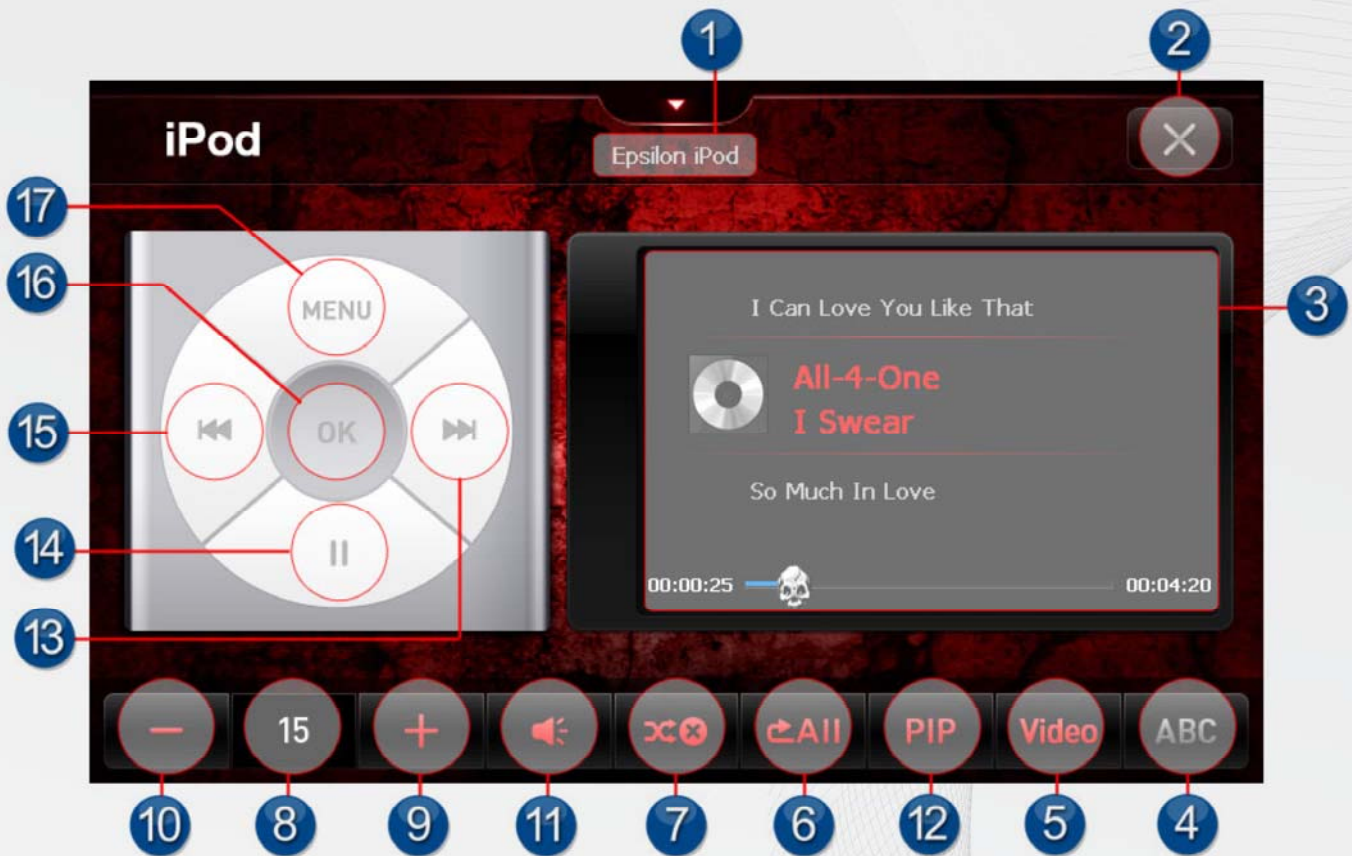
### iPod

#### iPod control

- iPod use requires the optional IP-5C cable to be installed.
- When your iPod is connected Ingenix will search and Authenticate your iPod before playback is available.
- PLEASE WAIT for the authentication process to finish, it will only take a few seconds to complete.



- When the iPod source is selected the display will appear similar to a standard iPod control



- |                                 |                              |
|---------------------------------|------------------------------|
| <b>1</b> iPod Name              | <b>10</b> Volume Down        |
| <b>2</b> Exit                   | <b>11</b> Mute               |
| <b>3</b> Media Navigation Menu  | <b>12</b> Picture in Picture |
| <b>4</b> Manual Search          | <b>13</b> Next Track         |
| <b>5</b> Music / Video Selector | <b>14</b> Play / Pause       |
| <b>6</b> Repeat Options         | <b>15</b> Previous Track     |
| <b>7</b> Shuffle Options        | <b>16</b> OK / Enter         |
| <b>8</b> Current Volume         | <b>17</b> Menu               |
| <b>9</b> Volume Up              |                              |

- The menu button will move backward through the steps previously entered



Digital TV tuner  
Receives local television broadcast signals



Pressing the PIP button will bring up the Navigation picture in picture.  
Pressing the aspect ratio button will switch between wide screen and standard aspect ratios  
Press the AST (automatic station tuning) button to search for stations. The EPG will bring up the electronic program guide (if available). The EPG can display station information including station guide or any information broadcast on the MH band.

The first time the TV tuner is used you will need to select the AST button to search for stations. This can also be done to search for stations in a new location.

Once the search is complete the channel list button will allow you to see all available stations when pressed. You can directly access the station in the channel list by pressing the station name. You can also surf through channels with the channel up and down button.

- |                      |                             |                             |
|----------------------|-----------------------------|-----------------------------|
| 1 Source Indicator   | 7 Full Screen               | 13 No Function              |
| 2 Current TV Station | 8 Volume Down               | 14 Channel Down             |
| 3 Pull-down Menu     | 9 Mute                      | 15 Electronic Program Guide |
| 4 TV Viewing Window  | 10 Current Volume           | 16 Channel Up               |
| 5 Exit               | 11 Volume Up                | 17 Channel List             |
| 6 Picture in Picture | 12 Automatic Station Tuning | 18 Caption ON/OFF Switch    |

## Picture in Picture controls

Ingenix has an advanced PIP (picture in picture) interface they may take some time to fully understand. Users who do not read this section may find commands given in regards to PIP locations and sizes may not return the desired effect.

- Press the PIP button from the video source you want to run with PIP.
- The location the screen is touched will direct the different responses.
- The shaded box indicates the touch location.
- Regardless of source, Ingenix PIP control are the same for all sources that support PIP. The chart below will display the response from specific commands.

While the PIP image is small and in the upper right. Touching the left side of the image will engage split screen view. Touching the right side of the image will engage the original source full screen.

Screen distortion may occur when changing PIP screen size. This is not a sign of any issue and should be considered normal operation.



While the PIP image is in split screen. Touching the left side of the image will engage full screen view. Touching the right side of the image will engage the small screen view.



## Troubleshooting

Some solutions are user serviceable while others require a professional installation center. Do not attempt performing any action unless you are confident that you understand the necessary steps involved. If you are unsure contact your local authorized dealer for support.

Symptom	Cause	Solution
Ingenix will not power up	Blown fuse Power and Ground connections are incorrect Power switch is OFF	Check/replace fuse Check 12v, ACC, GND and make proper connections. Turn power switch ON
LCD is too bright	Auto setting may be improper Brightness setting may be too high	See page 102 for information on adjusting the auto setting. Adjust the brightness setting, see page 102
LCD is too dim	Auto setting may be improper Brightness setting may be too high	See page 102 for information on adjusting the auto setting. Adjust the brightness setting, see page 102
I can't hear navigation prompts	Navigation volume settings are low	Adjust the navigation volume, see page 59 Adjust the alert settings, see page 68
Call recipients cannot hear the conversation	Microphone is not connected properly Microphone placement is improper	Connect microphone properly Move microphone to a proper location
DVD playback has sound but no picture	Parking brake wire is not connected Parking brake is not engaged	Connect parking brake wire Engage parking brake
Touch screen does not respond correctly	Touch panel calibration is not correct	Calibrate touch screen, see page 101
USB or SD files do not play	File type is not supported USB or SD card is not supported	Replace or convert files to supported file types Try using a single basic file (mp3) to confirm the card is supported.
Phone will not pair	Blue-tooth is not activated on phone Phone pairing is not activated Incorrect pin code was entered	Turn Blue-tooth on from phone Initiate phone pairing from Blue-tooth menu on unit See page 86 for pairing instructions
T.V. tuner does not have signal	Antenna is not properly installed No channels programmed	Antenna location should be close to windshield outside of vehicle See page 130 for channel search function
Navigation has no signal	Unit is not receiving GPS signal	Antenna is not connected or is damaged Antenna location needs to have a clear view of sky
Cannot select Nav function	No navigation software detected	Insert Nav SD in SD slot Nav software is moved, modified, or deleted ASIMAP FOLDER IS ONLY FOR NAVIGATION SOFTWARE
Cannot select iPod function	unit does not detect iPod	iPod cable is not connected properly or is damaged Only use IC-5 cable for Ingenix units
Cannot select Utility function	No Utility software detected	Utility software has been moved, modified, or deleted. Software is included in Nav SD card



## Ingenix specifications

### General

Power supply :	14.4VDC (10-15VDC) range
Maximum current consumption:	800 mA
Operating temperature:	32°F - 110°F
Processor speed:	700 Mhz
NAND flash Memory:	128MB

### Monitor

Screen size :	7" diagonal
Aspect ratio:	16 X 9
Resolution:	800 X 480
Pixels per square inch:	18,907
Note: at 50" Monitor at 1080x1920 or (1080P) is 1,941 pixels per square inch	
Backlight:	LED

### Audio

Maximum power output:	4.0 V
Pre -amp output:	7 Band
Equalizer:	62/100Hz, 157 Hz, 396KHz, 1KHz, 2.51KHz, 4/6.34KHz, 16KHz
Equalizer frequencies	+/- 15dB
Equalizer adjustment	

### Media player

File support:	mp3, flac, wmv, wma, ogg
Hardware support:	USB 2.0 to 32GB capacity
	SDHC to 32GB capacity
	HDD to 250GB capacity

### Blue-tooth

Version:	2.0
Output power:	0dBm



## Support

1. 8.3" high-resolution LED backlit LCD display 800 x 480
2. Pixels per square inch 14,066 Note: at 50" home TV at 1080x1920 or (1080P) is 1,941 pixels per square inch
3. Screen saver Resolution supports up to 2048 X 1600 image.
4. Supports I-pod and I-phone interface.
5. Blue-tooth hands-free operation and Blue-tooth Music (A2DP) Blue-tooth version
6. Extended memory interface (SD card, USB stick, HDD )
7. Built in 128MB NAND Flash, 256MB DDR2 SDR AM
8. USB 2.0 Host, USB2.0 Device and OTG support

Note: Ingenix supports FLAC

FLAC stands for Free Lossless Audio Codec, an audio format similar to MP3, but lossless, meaning that audio is compressed in FLAC without any loss in quality. This is similar to how Zip works, except with FLAC you will get much better compression because it is designed specifically for audio, and you can play back compressed FLAC files in your Ingenix multimedia source just like you would an MP3 file.

## iPod compatibility

iPod touch (4<sup>th</sup> generation)  
iPod touch (3<sup>rd</sup> generation)  
iPod touch (2<sup>nd</sup> generation)  
iPod touch (1<sup>st</sup> generation)  
iPod classic  
iPod with video  
iPod nano (5<sup>th</sup> generation)  
iPod nano (4<sup>th</sup> generation)  
iPod nano (3<sup>rd</sup> generation)  
iPod nano (2<sup>nd</sup> generation)  
iPod nano (1<sup>st</sup> generation)  
iPhone 4  
iPhone 3GS  
iPhone 3G  
iPhone

## Data sources:

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## Software Components

Loquendo Text-To-Speech (TTS) Synthesis Software

Copyright ©2011 , Loquendo S.p.A.

Visit <http://www.loquendo.com> for the official web site.

Official copyright notice and specific license conditions can be found in the license folder of the navigation product.

## Other Data Sources and Software Components

Other Data sources and Software components are listed in the 'About' page of the navigation application.

Go to **Menu > Settings > About.**





## Installation and Connections

Before installing or connecting the unit, please read the following and Install guide thoroughly for proper use.

### Warning

**MAKE THE CORRECT CONNECTIONS.**

Failure to make the proper connections may result in fire or product damage.

**USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

**BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.**

Failure to do so may result in electric shock or injury due to electrical shorts.

**DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.**

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

**DO NOT SPlice INTO ELECTRICAL CABLES.**

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

**DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.**

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

**DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.**

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

**KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.**

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

**DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.**

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

**HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.**

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

**USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.**

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

**ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.**

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

**DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.**

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

# INGENIX

## Warranty information

- This warranty statement is absolute. No person or organization is authorized to alter this warranty in any way. Any statements made outside of the information list will not be honored.
- Ingenix Models carry a 1 year warranty from the date of original purchase.
- Warranty period is 90 days if self installed.
- The warranty covers the original purchaser only.

## What is covered under warranty?

- This warranty covers defects in materials or construction of the product
- Parts and labor are covered

## What is not covered by this warranty?

- Damage occurring during the shipping of the product for repair. Such claims must be presented to the shipping carrier
- Damage caused by accident or abuse. The manufacturer reserves the right to determine damage caused by abuse.
- Broken LCD panels
- Dropped or externally damaged product
- Damage caused by negligence, improper operation, or misuse
- Damage caused by an act of God, including but not limited to, fire, flood, earthquake, or other naturally occurring events.
- The cost of uninstalling or reinstalling the covered or uncovered product.
- Changes or modifications made to this product not authorized by the manufacturer
- Any service performed by unauthorized persons, including unauthorized professional repair persons
- Any product with a damaged or missing serial number
- Any product not purchased from an authorized dealer

## State provisional Law

- This warranty gives the owner specific legal rights. You may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental damages. Limitations in regards to these matters may not apply to you.

## How to obtain Warranty service

- In the event your product requires warranty service you must first contact our warranty department (see "Customer service contact information" below)
- You will be required to provide the original proof of purchase, a detailed description of the problem or problems with the product
- You will be given an authorization number which must be attached to the product being sent in for warranty service.
- Procedure for obtaining service is subject to change. Contact our Customer service department for the current procedure.



Customer service contact information Tel: (323)722-3333 Fax: (323)722-1122

Or visit our website at [www.poweracoustik.com](http://www.poweracoustik.com)

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