

INGENIX

ON BOARD

7" 2-DIN Ingenix
Source Unit



Model: PNX-761



OPERATION MANUAL

English



Contents

Introduction:.....	5
READ BEFORE USE:	
FCC COMPLIANCE STATEMENT:	
Warnings:.....	7
LCD Care:.....	7
Notice to viewers while driving.....	8
What's included:.....	8
Expansion options:.....	8
iPod interface cable	
TV Tuner	
DVD player	
Reverse view camera	
Remote control	
Starting to use Ingenix.....	10
Operation.....	10
Home Screen.....	10
Access to source unit options	
Creating your quick access links	
Marquee banner	
Pull down menu	
Navigation.....	17
Basic Screen.....	18
Getting started (Initial Screen)	
Map screen features (Driving Guidance Mode)	
Menu.....	19
Main Function.....	24
Where to	
Route Options	
Settings.....	39
GPS.....	49
Information.....	50
User information and precautions	
Copyright	
More Information	



Blue-tooth Phone	54
Button overview	
Blue-tooth	
How to connect to a BLUETOOTH compatible device (Pairing)	
Using Blue-tooth Phone Functions	
Searching your phonebook through Ingenix	
Pull down menu in Blue-tooth Phone source	
Blue-tooth Music.....	58
Button overview	
Control Interface	
Creating and accessing a playlist	
Pull down menu in Blue-tooth Music source	
OEM AM/FM Tuner.....	61
Music Player.....	63
Button overview	
Main control interface for SD/USB/HDD playback controls	
Creating and accessing a playlist	
Equalizer	
Main display	
Secondary display	
Display options	
Pull down menu in the Music player source	
Video player.....	67
Starting the Video player	
Creating and accessing a playlist	
Picture in picture	
Pull down menu in the Video player source	
Set up.....	70
Display	
Start-up Mode	
Language	
Rear Monitor Set up	
Touch Screen Calibration	
Brightness	
Automatic	
Manual	
Save and reset	
Screen Saver	
Save and reset	
Sound	
Volume	
Sound mix	
Software	



AV IN.....	78
Using AV in	
Pull down menu in the AV IN source	
Photo.....	79
Photo Viewer controls	
Button overview	
Main control panel	
Slideshow control panel	
Pull down menu in the Photo source	
Memo Pad	83
Memo Pad interface	
Using the Memo pad	
Pull down menu in the Memo Pad source	
Utility	85
Utility options	
Elice Poker	
Biorhythm	
Calculator	
Car Organizer	
Scheduler	
World Clock	
Pull down menu in the Utility source	
File manager.....	98
Managing files	
Pull down menu in File Manager	
Optional Sources	101
iPod	
Digital TV tuner	
Troubleshooting.....	105
Ingenix specifications.....	106
Support	107
iPod compatibility.....	107
Installation Warnings.....	108
Warranty information.....	109
Customer service contact information	110



Introduction:

Ingenix is an advanced media platform capable of Lightning fast processing, picture in picture or split screen information display, Blue-tooth hands free calling and Blue-tooth music playback, GPS navigation and much more. Many of the features of Ingenix have never been available for in car use until now. Ingenix was designed to anchor your vehicle's entertainment system along with the convenience of GPS navigation and the safety of a rearview camera. Ingenix offers everything you need and desire.

READ BEFORE USE:

Please make certain that all persons using this In-dash system carefully read these precautions and the following instructions fully.

- Read this manual carefully before using this system components. They contain instructions on how to use this product in a safe and effective manner.
- This product is not a substitute for your personal judgment. Any route suggestions made by this navigation system may never supersede any local traffic regulations or your personal judgment and/or knowledge of safe driving practices. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area which you consider unsafe.
- Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, pull over in a safe and legal manner and location.
- Do not input destinations, change settings, or access any functions requiring a prolonged view of the monitor and/or remote control while you are driving. Pull over in a safe and legal manner and location before attempting to access the system.
- Do not use the navigation system to route you to emergency services. Not all locations of emergency services such as police and fire stations, hospitals and clinics are contained in the database. Please use your own judgment and ask for directions in these situations.
- The map database is designed to provide you with route suggestions and does not take into account the relative safety of a suggested route or of factors which may affect the time required to reach your destination. Use your own personal judgment if the navigation system is unable to provide you with an alternate route.
- There may be situations where the navigation system displays the vehicle's location erroneously. Use your own driving judgment in this situation, taking into account current driving conditions. Please be aware that in this situation the navigation system should correct the vehicle's position automatically. However, it is possible you may have to correct the position yourself. If this is the case, pull over in a safe and legal manner and location before attempting operation.
- Make certain that the volume level of the navigation system is set to a level which still allows you to hear outside traffic and emergency vehicles (see navigation operation page 59.)
- This product's rated input voltage is DC 12V. Please check your vehicles electrical system before use.
- Radio reset: this should only be used if the product fails to operate properly.



Press and hold the Reset button for 3 seconds to reset.

Reset

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Warnings:

INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE EMERGENCY BRAKE IS APPLIED.

It is dangerous (and illegal in many states) for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

DO NOT WATCH VIDEO WHILE DRIVING.

Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

DO NOT FOLLOW ROUTE SUGGESTIONS IF THE NAVIGATION SYSTEM INSTRUCTS YOU TO PERFORM AN UNSAFE OR ILLEGAL MANEUVER, OR PLACES YOU IN AN UNSAFE SITUATION OR AREA.

This product is not a substitute for your personal judgment. Any route suggestions by this system should never supersede any local traffic regulations or your

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

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.

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.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

LCD Care:

Avoid exposing the LCD panel to direct sunlight for prolonged periods of time. Extended exposure can result in premature failure due to temperature outside normal operation limits. +45°C (+113°F) and 0°C (+32°F)



Cellular phone antennas should be kept a minimum of six inches from the LCD panel to prevent disruption of LCD video signals. This can cause colored strips, spots and other effects of this nature.

To protect the LCD panel be certain to touch the panel with only your fingers. Do not use any rigid or metal objects as they can damage the panel.

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, dampen the cloth with water only. Anything else has a risk of dissolving the paint or damaging the plastic.

Notice to viewers while driving:

It is dangerous (and illegal in many states) for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

What's included:

Package Information

Accessories Name	Qty
GPS Antenna	1
Power Cable	1
Warranty Card	1
User Guide	1
Mounting Sleeve	1
Trim Ring - 1	1
Trim Ring - 2	1
Plain Washer	1
Spring Washer	1
Mounting Strap	1
Screw 1	4
Screw 2	1
Screw 3	1
Nut	1
Rubber Cushion	1

Expansion options:

Your new Ingenix multimedia source unit is capable of many features as you will read about through this operation manual. There are also additional options that can be added. See the options below and contact your nearest Ingenix Authorized dealer for more information.

IP-5C :

iPod interface cable

This optional cable will allow direct control of your iPod displaying both audio and video on your Ingenix Source unit. The IP-5C will also keep your iPod or iPhone charged during use. See the compatibility list below to confirm support for your model.

iPod compatibility list:

iPod touch (4th generation)

iPod touch (3rd generation)

iPod touch (2nd generation)

iPod touch (1st generation)

iPod classic

iPod with video

iPod nano (5th generation)

iPod nano (4th generation)

iPod nano (3rd generation)

iPod nano (2nd generation)

iPod nano (1st generation)

iPhone 4

iPhone 3GS

iPhone 3G

iPhone

ATSC-MH Module:

TV Tuner

The ATSC-MH TV tuner module will allow crystal clear digital TV reception through your Ingenix Source unit.

Reverse view camera

Your Ingenix source has connections for a reverse view camera. This dedicated connection will display an onscreen rearview whenever the vehicles reverse gear is engaged.

REM-5:



Remote control:

The Ingenix remote control is available for you Ingenix source unit. The remote comes in very handy for control while driving as you do not need to take your eyes of the road to enter commands.

Starting to use Ingenix

Ingenix is an advanced product. Take some time to read this manual and get familiar with your new Multimedia source unit. While Ingenix is quite intuitive this manual will help you better understand all the capabilities and features to help you get the most out of your purchase.

OPERATION:

Home Screen



Day's screen

INGENIX



Night screen



- 1 Quick Access Links
- 2 Clock
- 3 Marquee Banner
- 4 Slider Menu



Access to source unit options

The above picture displays the two main areas of the home menu. The lower section is the slider which can access any option of the radio with a simple swipe of your finger from left to right or right to left. To access the option it must be centered. Swipe the slider until you can see the option desired is in one of the five locations. If the desired option is not center simply touch the option and it will center. Once the icon is centered touch again to open the option.

Creating your quick access links

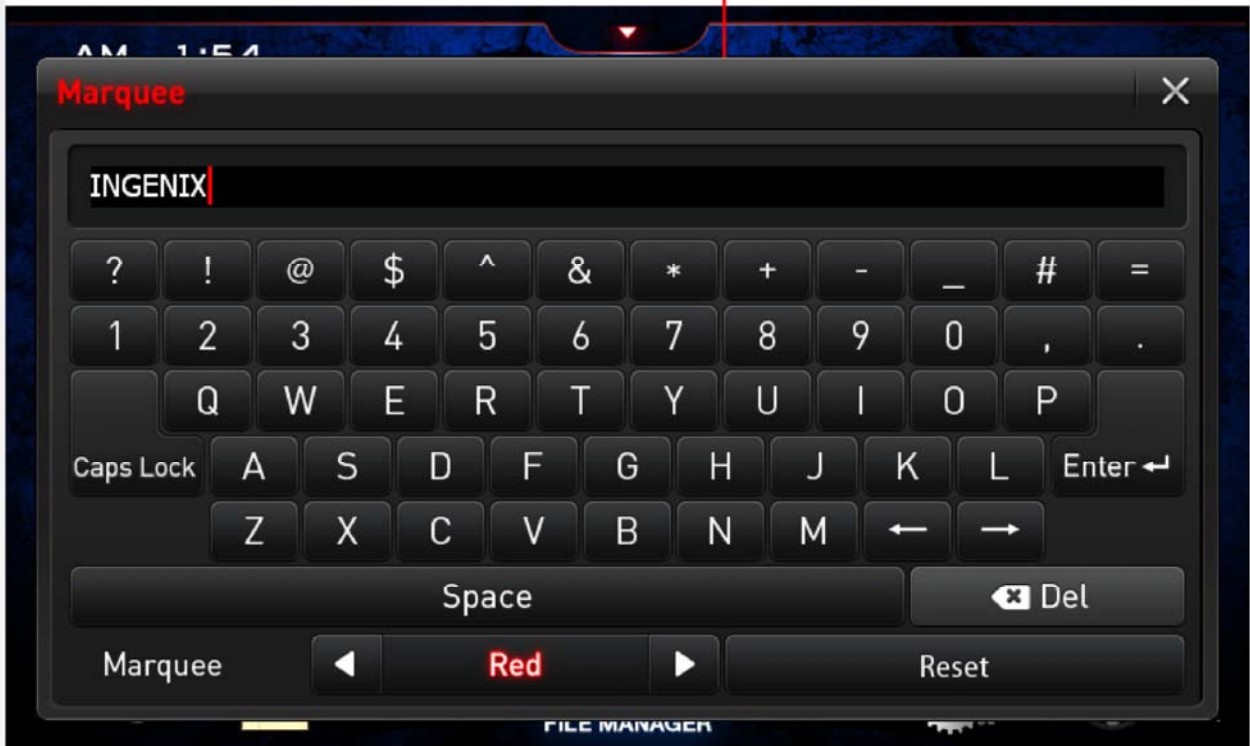
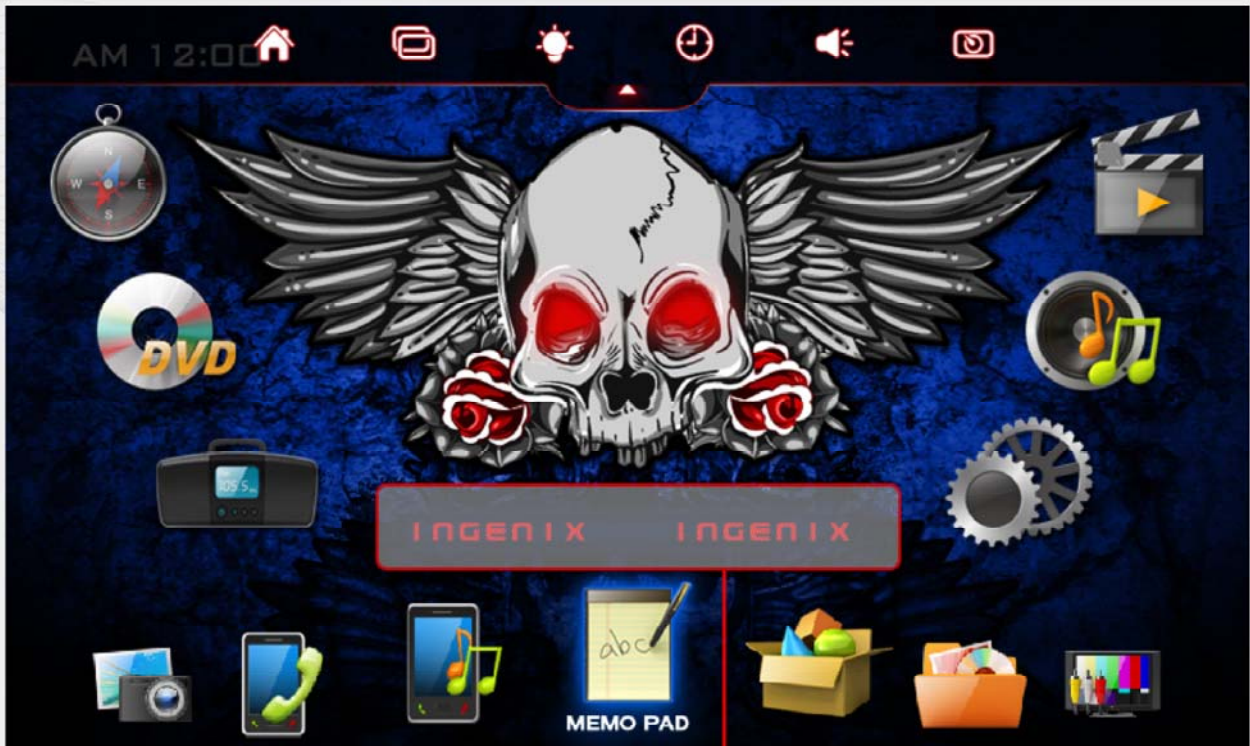
The second main area of the home screen is the quick access links in the upper section. Source options from the slider can be moved to the quick access links for quicker access to often used sources. A total of six source options can be placed in the quick access links. Follow steps below to add source options to the quick access links. The option from one section will always switch places. Ex. If Blue-tooth music is moved from the slider to the quick access links whatever option the Blue-tooth music source replaces will be moved to the slider where Blue-tooth music was located.

- To move source options to quick access links swipe the slider with your finger either left or right to locate the desired source option.
- With the option visible in any of the five locations on the slider press and hold the option with your finger and slide it up to the quick access location desired.
- Repeat this with all six quick access links to create your list.
- This can be changed at anytime in the future following the same steps.

Marquee banner

The Marquee banner can be customized to display any statement.

INGENIX



- Touch the Marquee banner to access the keyboard.
- Type the desired statement then press the enter key.

- You can also change the color of the text on the Marquee to Pink, Orange, or Emerald.
- The Home screen will be displayed with your statement

Pull down menu in Home S screen.

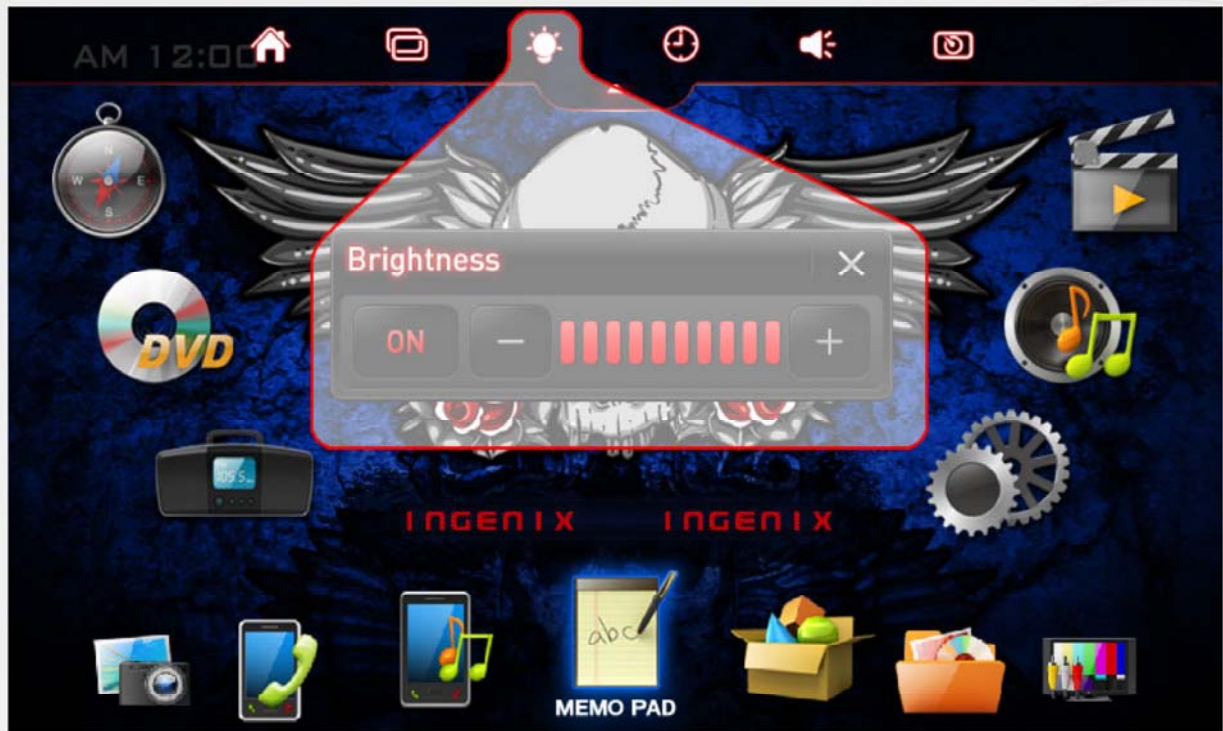


- | | |
|-----------------------------------|-------------------------|
| 1 Home screen button | 4 Clock settings button |
| 2 PIP (Picture in picture) button | 5 Sound settings button |
| 3 Brightness button | 6 Screen saver button |

Pull down menu

At the very top of the almost every source you will notice a small icon. This icon will access the pull down menu. The options in the pull down menu differ slightly from one source to another. See the section of the desired source for more information on functions of the pull down menu in that source.

- In this menu you can access six options.
- The Home screen button will return the system to the home screen from whatever source is active.
- The PIP button will open the Navigation source provided it has been started and the safety notice has been agreed to.
- *Note: The Navi PIP button has a slightly different effect in different sources. see instructions on each source for more information.*
- Brightness allows control over the brightness of the display. This icon also allows you to turn the screen off by



- The clock settings button will open the clock settings menu

