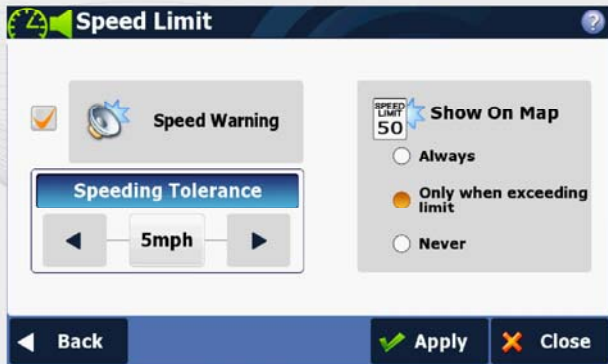




Speed Limit

Control how speed limit sign and warnings are given.



The map data contains speed limit information for some, but not all roads. This information exists generally for highways and other major roads. For your convenience, the speed limit unit; i.e. miles or kilometers, matches the system's unit setting.

Speed warning: An acoustic warning is given when the speed limit is exceeded. **Speeding tolerance:** The acoustic speed warning may be adjusted by using the

Speeding Tolerance. For example, on a 60mph road, if the Speeding Tolerance is set at 3mph, the driver is alerted if the vehicle exceeds 63mph.

Show on Map: Choose how to display the Speed Limit Sign on the main map:

- **Always:** Speed Limit Sign will be displayed on map where available
- **Only when exceeding limit:** Displayed only when exceeding speed limit. This control is independent of the Speeding Tolerance.
- **Never:** Speed Limit Sign is never displayed on the main map

The Speed Limit Sign displays miles or kilometers according to the system's unit settings. This may be changed by going to [Menu] > [Settings] > [Units].

Fuel

Set current fuel price, and adjust consumption estimates according to vehicle.

Your journey's fuel cost estimate will appear on the 'Route Summary' page. You can access this screen via [Menu] > [My Route] > [Route Summary].



- **Fuel Price** Fuel prices fluctuate throughout the year. This setting allows you to adjust the fuel prices according to current prices. Currency options include Dollar (\$), Euro (€), British Pound, Swiss Franc, and Danish Krone.

Pricing for fuel volumes can be set as either 'per gallon (US)' or 'per liter'.

- **Consumption**

The consumption section allows you to set your vehicle's fuel consumption. This fuel consumption will then be used in the cost estimate for your trip.

Most modern vehicles include a fuel economy label which describes the vehicle's fuel economy ratings. **Alternatively, to find out your vehicle's fuel consumption, please see the 'Fuel Economy Guide' at www.fueleconomy.gov.** This guide is published by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE). It contains an extensive listing of most vehicle makes and models.

Vehicle consumption is typically expressed as two fuel economy estimates:

- **City:** represents urban driving and driving in stop and-go rush hour traffic. City driving typically consumes more fuel than highway driving.
- **Highway:** represents driving on a mixture of rural and interstate highway driving, typical of longer trips in free-flowing traffic.

- **Note**

Please be aware that the actual fuel cost may vary according to other factors which affect the fuel consumption; for example, driver behavior, driving conditions, vehicle maintenance, fuel characteristics, and weather. The cost estimate is an estimate of fuel costs only. Other costs, such as Toll charges are not included in the calculation.



Keyboard

Set keyboard option.



You can select your keyboard layout preference here. This will change the keyboard layout for address and POI searches among others.

- ABCD
- QWERTY
- AZERTY

About

Shows the product name, version, data source and other licensing information.



- Product Key identifies your product. You will need this key when contacting customer service.

Restore Settings

Restore all settings to factory defaults.

Note

Please use caution when choosing this option, as any adjustments you have made to settings, such as map color, will be lost! 'Favorites' and 'Itineraries' that you have created will not be removed.

05) GPS

You can check GPS status and GPS information on this page.

GPS Status	
Time	01 / 01 / 2010 00:03:50
Lon.	E 0° 0' 0"
Lat.	N 0° 0' 0"
Velocity	0.0 mi/h
Altitude	0 ft
Angle	0 Deg
SNR	0 0 0
Satellites Visible	0
Satellites Acquired	0

- Blue satellite: GPS fix is established.
- Pink satellite: GPS fix is unavailable.

Pressing the <Reset> button will reset the GPS module. It may take up to one minute to reacquire the GPS signal. It may take some time to receive GPS signals.

Speedometer

Your vehicle's speed is represented in analogue and digital. You can also view the average and maximum speed for your current trip.

A compass, in the top left corner, displays the general direction in which you are travelling.



Built in DVD/CD player



- | | | | |
|---|-----------------------|----|---------------------------------|
| 1 | Volume down button | 10 | PIP button (Picture in Picture) |
| 2 | Volume level display | 11 | Dual zone button |
| 3 | Volume up button | 12 | Video slice button |
| 4 | Previous Track button | 13 | Random button |
| 5 | Rewind button | 14 | Repeat button |
| 6 | pause button | 15 | DVD Menu button |
| 7 | Fast forward button | 16 | Select button |
| 8 | Next track button | 17 | Mute button |
| 9 | Stop button | | |

- When the DVD source is selected the main menu will display.
- The “Up”, “Down”, “Left”, and “Right” buttons will allow the user to navigate the DVD’s menu

- The “Select” button will select the currently highlighted option of the DVD menu.
- The “DVD Menu” button will recall the DVD’s menu at any time.
- Pressing the “+” button will increase volume
- Pressing the “-” button will decrease volume
- Volume level is displayed between the volume controls .
- Pressing the mute number will mute audio
- Pressing the mute button again will resume audio
- Pressing play/pause button will pause the video playback.
- Pressing the play/pause button again will resume playback.
- Pressing the stop button will stop playback
- Pressing the skip ahead button will skip the current chapter and begin the next.
- Pressing the skip back button will return to the beginning of the current chapter.
- Pressing the skip back button two times will return the beginning of the previous chapter. Note: if playback is less than 3 seconds into the chapter pressing skip back will start the previous chapter.
- Pressing the fast forward button will increase play speed. The rate will increase each time the button is pressed. Fast forward speeds are X2,X4,X8,X20. If pressed again once playing at X20 speed normal play will be resumed. To resume normal play speed from at any time press the play button.
- Pressing the rewind button will reverse play speed. The rate will increase each time the button is pressed. Reverse speeds are X2,X4,X8,X20. If pressed again once rewinding at X20 speed normal play will be resumed. To resume normal play speed from at any time press the play button.
- Pressing the picture in picture button will access the GPS navigation.
If GPS navigation is currently running the DVD playback will appear in the upper right side of the screen while GPS information will be displayed in the remainder of the screen.
- If GPS navigation is not currently running pressing the picture in picture button will start the GPS .
For PIP controls see “Picture in Picture Controls” on page ??
- Pressing the Dual Zone button will continue DVD player for rear monitor viewing while another source is selected on the main unit. Audio will also continue through the connections labeled “dual out”.

● Video slice operation

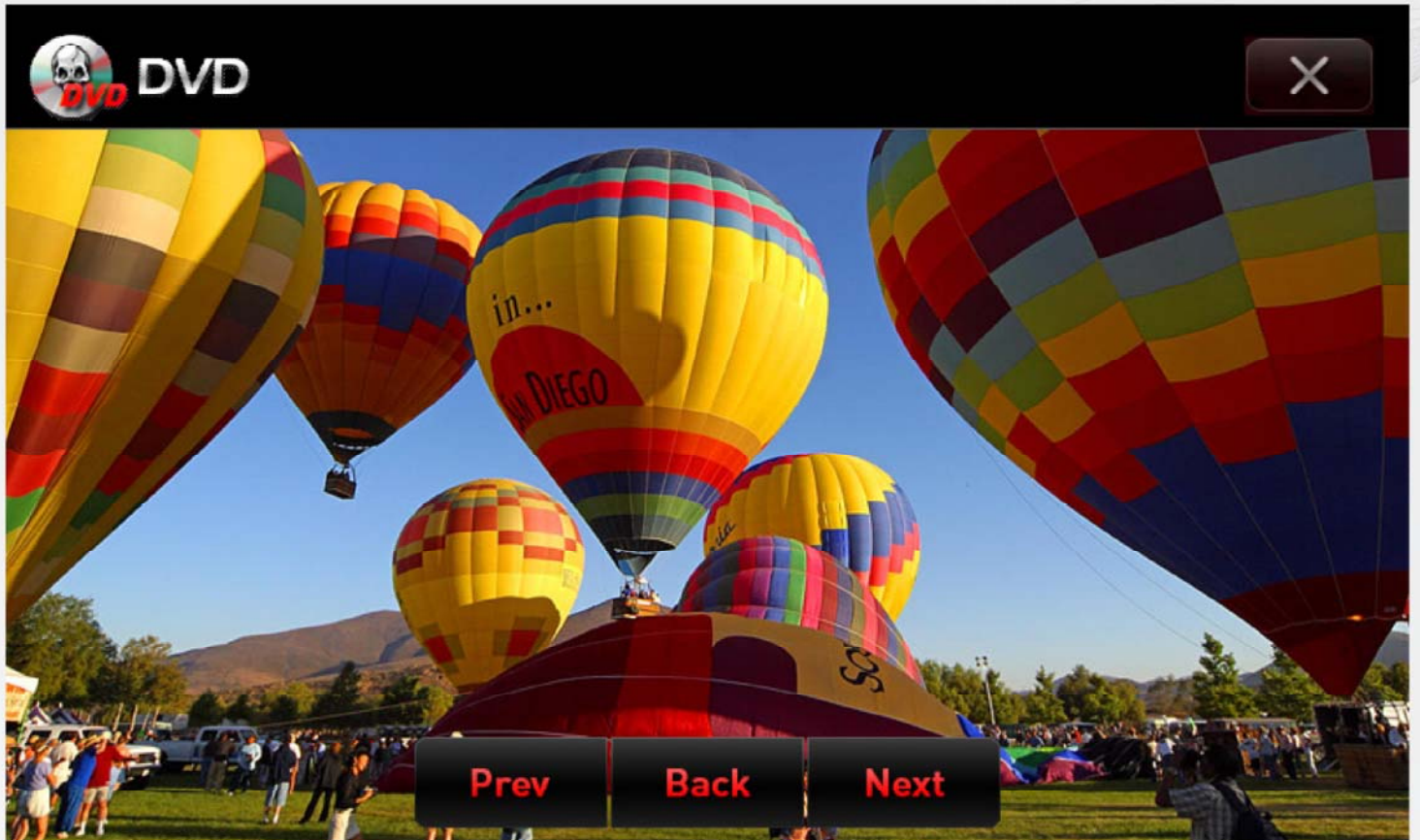
Video slice allows the user to view a selected portion of a video file. To select the portion desired press the “A-B” button at the start of video portion desired during playback. To complete the selection press the “A-B” button at the end of the desired video portion during playback. Once completed the video will play only the sliced portion. Press “A-B” once more for normal playback.

Note: This feature can also be used with music.

Pressing the Random button will turn on/off the random track playback feature. This feature works for both CD and DVD music or video playback.

- Pressing the repeat button will bring up the repeat option menu. Pressing the select button in this menu shifts through the available options. Once the desired option is selected press the return button on the bottom left to return to the standard toolbar.

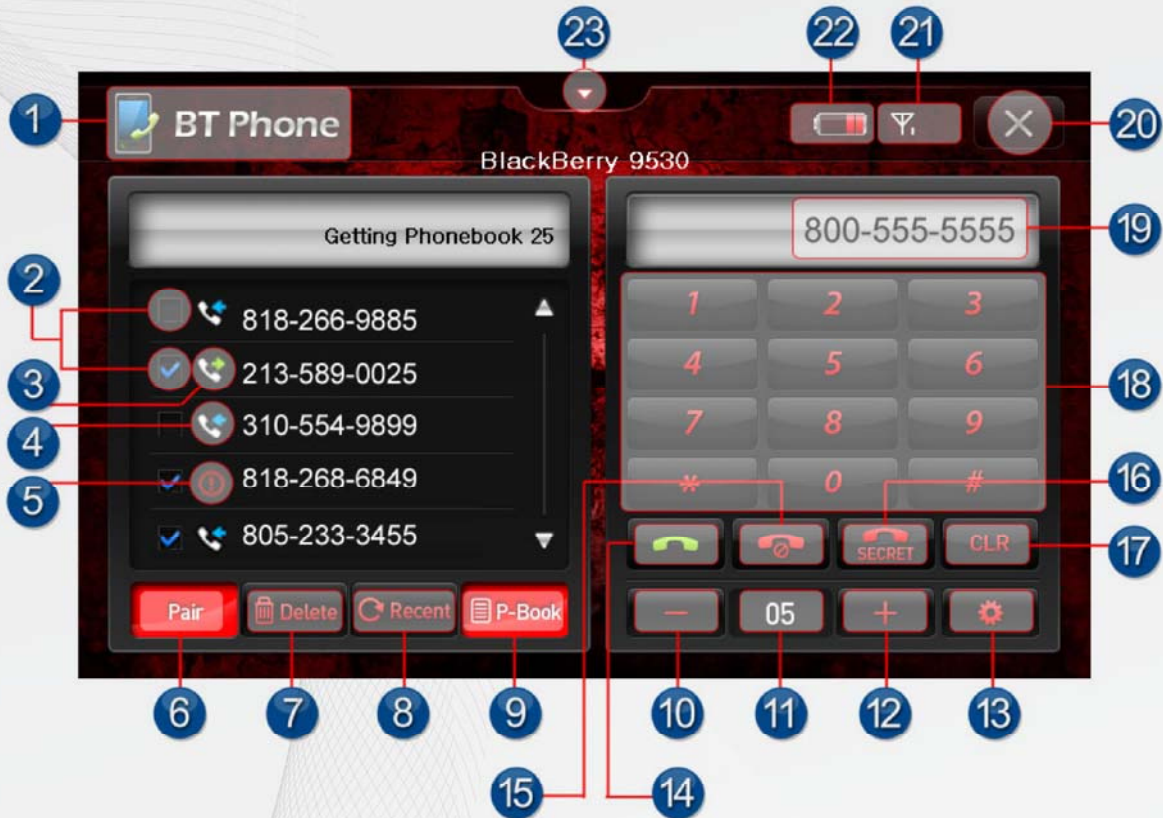
Pressing the video screen will engage full screen. Pressing the screen while in full screen mode will open four options. The "X" will stop Disc playback and return to the home screen. The "Prev" and "Next" buttons will skip ahead or backward through Tracks/Chapters. The back button will return the full Disc toolbar.





Blue-tooth Phone

Allows for hands free calling



- | | | |
|---------------------------|-------------------------------------|------------------------------------|
| 1 Source display | 9 Phonebook button | 17 Clear button |
| 2 Selection box | 10 Blue-tooth phone settings button | 18 Number keypad |
| 3 Outgoing call indicator | 11 Volume down button | 19 Phone number display |
| 4 Incoming call indicator | 12 Mute button | 20 Close source button |
| 5 Miss ed call indicator | 13 Volume up button | 21 Phone battery indicator |
| 6 Pair phone button | 14 Send/Answer button | 22 Phone signal strength indicator |
| 7 Delete button | 15 End/Ignore button | 23 Pull down menu button |
| 8 Recent calls button | 16 Private call button | |



Blue-tooth

BLUE-TOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call between BLUE-TOOTH compatible devices.

How to connect to a BLUE-TOOTH compatible device (Pairing)

Pairing sequence: Pair ->New device -> Product Name PIN code "XXXX"

- Enter Blue-tooth mode
- Press "Pair" to begin pairing.
- Select "New Device"
- Product Blue-tooth name and PIN code will be displayed on the upper left side of the display screen. Note: The system will remain "visible" to searching phones for 90 seconds.
- Select search for device from you mobile phones Blue-tooth options. Note: wording and process may differ from one phone to another. See the owner's manual for your particular phone for more information on searching for Blue-tooth devices.
- Follow instructions listed on your mobile device and enter the displayed PIN when prompted.
- You may need to set your phone to automatically connect to your Ingenix source unit for ease of use. This will allow your mobile device to auto connect each time the source unit is powered up providing the phone is within range. The phone will also auto disconnect each time the source unit is powered down. Note this may also be considered "adding as a trusted device" please consult your mobile device owner's manual for more information.

Note: PIN Code cannot be changed.

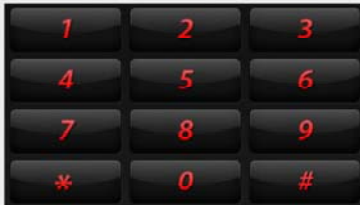
Using Blue-tooth Phone Functions

Making a call

Calls can be made through the various methods listed below.

- The first option is simply call from your phone as you normally would. All sound will be heard through your source unit. Calls can be ended or started through either the phone or the onscreen display.

- The second option is on screen dialing. Use the keypad on the Ingenix touch screen to dial the desired phone number. Press the green send button to begin the call.

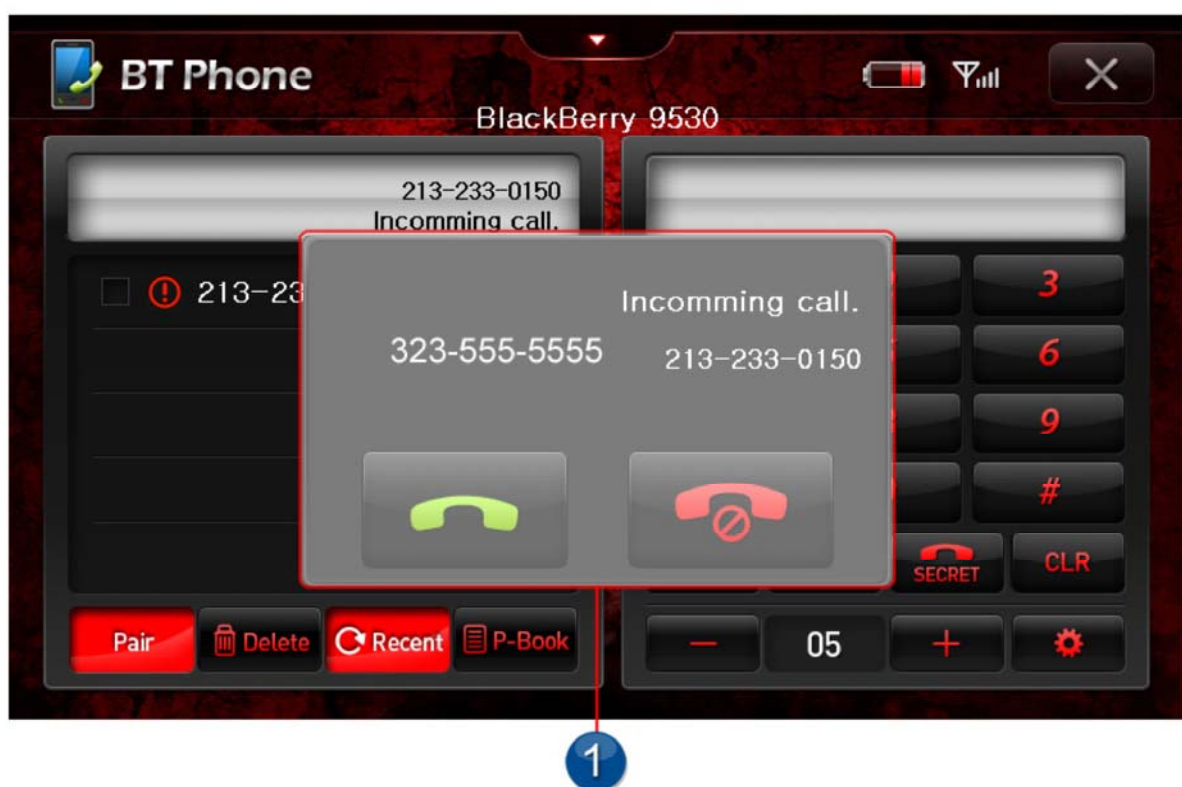


- The third option is through phone book. Press the Phonebook button on the display. This will access the phonebook stored on your phone and allow direct calling of contacts listed.

Incoming calls

Incoming calls will display a caller ID tag in the center of the screen whenever a call is received. The user must select to either accept or decline the call before Ingenix will accept any other input.

Caller ID tag pictured below.



1 Caller ID tag

INGENIX

Searching your phonebook through Ingenix

Note: Some blue tooth enabled phones may not support the phonebook feature.



- The first time the Phonebook button is pressed Ingenix will gather contact information from your phone.
- Some mobile devices may require you transfer contact data manually. This is sometimes called "force" or "push". Consult your mobile device's operation manual for more information.
- Searching through contacts on your Ingenix source unit is simple.
- Press the up or down arrow to search one contact at a time.
- You can also press the slider between the buttons to move through your contacts more quickly.

Deleting a contact

Deleting a contact will delete the contact from the Ingenix Phonebook. It will not delete the contact from your phone. Place a check mark next to the selected contact/contact(s) to be deleted and press the delete button.

Note: Some blue-tooth enabled phones may cause noise through the system.

Pull down menu in Blue-tooth Phone source

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



Blue-tooth Music

Allows playback of media from a Blue-tooth device

BLUE-TOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. You can listen to audio files stored in Blue-tooth audio player or mobile device.

Note: To pair your Blue-tooth device see How to connect to a BLUE-TOOTH compatible device (Pairing) on page 86





- 1 Source title
- 2 Stop button
- 3 Play button
- 4 previous track button
- 5 Next track button
- 6 Pause button
- 7 Pair button
- 8 PIP (picture in picture) button
- 9 Mute button
- 10 Volume down button
- 11 Volume level display
- 12 Volume up button
- 13 Close source button
- 14 Phone battery level display
- 15 Phone signal strength display
- 16 Pull down menu button

Control Interface

- Pressing the Play button will begin playback of media stored on your mobile device
- Pressing the Pause button will pause playback. Press
- Pressing the Next track button will skip the current track and begin the next.
- Pressing the Previous track button will skip back to the beginning of the current track. If the track is fewer than three seconds into the song this button will skip to the previous track.
- Press the Stop button to stop music playback
- Pressing the Mute button will mute the playback
- Press the Mute button again to resume the volume level. Pressing the volume up or down will also resume the volume level.
- Press the Volume button to increase volume and the Volume button to decrease volume
- Volume level will be displayed between the volume up and down buttons.

Note: control of media played on your Smartphone through the internet may be supported.

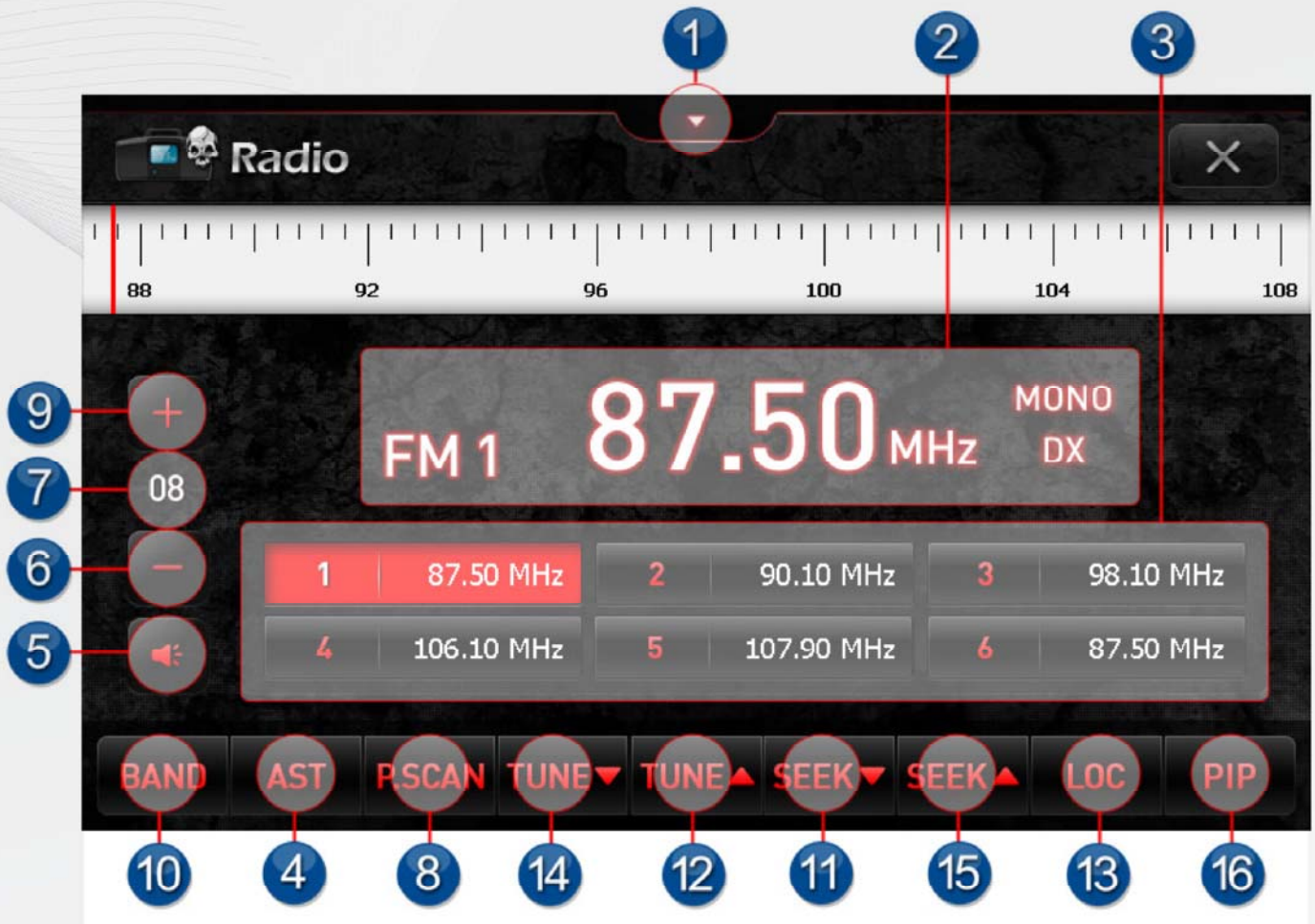
Note: Some blue-tooth enabled phones may cause noise through the system.

Pull down menu in Blue-tooth Music source

- When the Blue-tooth music source is started Ingenix will determine if Navigation is running.
- If Navigation is running the small Blue-tooth music menu will display in the upper right hand side of the screen.
- This window will allow you to access the controls of your Blue-tooth device without leaving the navigation screen.
- Pressing the down arrow on the menu will enlarge the window and display full control over Blue-tooth music functions.
- The PIP button in the small Blue-tooth menu will run Blue-tooth music in full screen.
- While in the Blue-tooth music screen the Navi PIP button will switch between the Blue-tooth music and navigation sources.
- Pressing the PIP button on the lower section of the Blue-tooth music source will switch to Navigation and display the small Blue-tooth music menu in the upper right hand side.
- All other pull down buttons have standard function as listed on page 14.

INGENIX

AM/FM Tuner



- 1 Pull-down Menu
- 2 Tuner Display
- 3 Radio Presets
- 4 Auto Station Tuner
- 5 Mute
- 6 Volume Down
- 7 Current Volume
- 8 Program Scan
- 9 Volume Up
- 10 Band Selector
- 11 Seek Down
- 12 Tune Down
- 13 Local/DX
- 14 Tune Up
- 15 Seek Up
- 16 Picture in Picture