Clarion Navigation
"N.I.C.E"
Draft manual

KIRYUNG ELECTRONICS

Jan. 25, 2005

FCC Warning

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note

This equipment has been tested and found to comply with Part 15 of the FCC Rules. These rules are designed to provide reasonable protection against harmful interference. This equipment may cause harmful interference to radio communications if it is not installed and used in accordance with these instructions. 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 of more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and Sirius Receiver.

• Connect the equipment into an outlet on a circuit different from that to which the Sirius Receiver is connected

• Consult the dealer or an experienced radio/TV technician for help.

Any Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Brief Operation Manual for Clarion Transportable Navigation
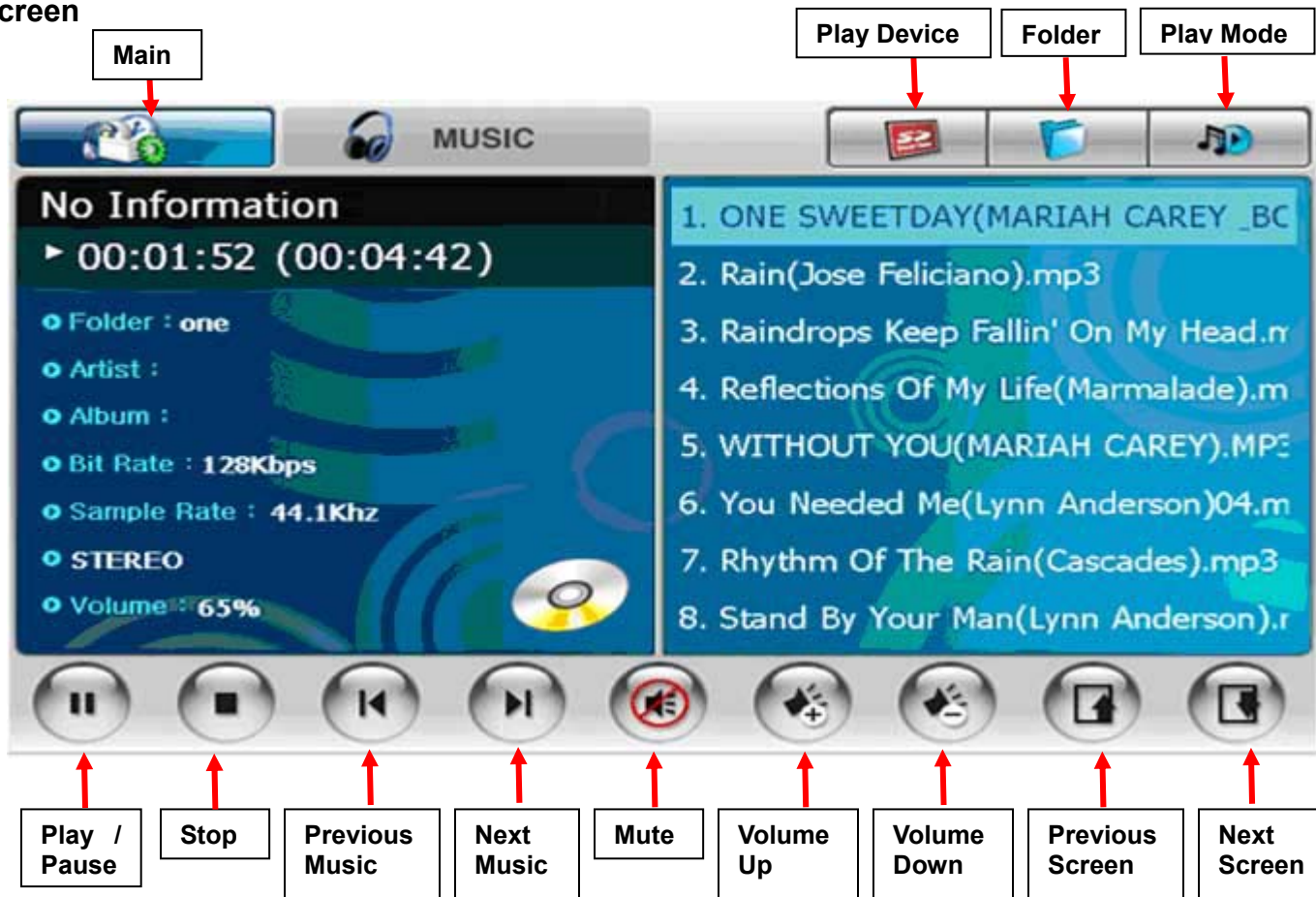
1. Turn On/ Off

Power On/Off

2. Main Menu

Please press screen button which you want to select.

3. Music mode
Press Music Player ICON on main menu

Navigation   SIRIUS   Music Player
Photo   RearView   Setup

Keys on Touch Screen

Main

Play Device | Folder | Play Mode

MUSIC

No Information
► 00:01:52 (00:04:42)

- Folder : one
- Artist :
- Album :
- Bit Rate : 128Kbps
- Sample Rate : 44.1Khz
- STEREO
- Volume : 65%

1. ONE SWEETDAY(MARIAH CAREY _BC
2. Rain(Jose Feliciano).mp3
3. Raindrops Keep Fallin' On My Head.m
4. Reflections Of My Life(Marmalade).m
5. WITHOUT YOU(MARIAH CAREY).MP3
6. You Needed Me(Lynn Anderson)04.m
7. Rhythm Of The Rain(Cascades).mp3
8. Stand By Your Man(Lynn Anderson).r

Play / Pause | Stop | Previous Music | Next Music | Mute | Volume Up | Volume Down | Previous Screen | Next Screen

1) Select Play Device

Hard Disk

USB Memory

<Music in Hard Disk>

<Music in USB Memory>

2) Select Folder

Folder

Folder

<Before Folder Change>

<After Folder Change>

3) Select Play Mode

Normal

<Play Musics one time>

Repeat

<Play a Music reapeatly>

Folder Repeat

<Play Musics in a Folder repeatly>

Random

<Play Musics randomly>

4. Sirius mode (Key Functions and Screen Description)
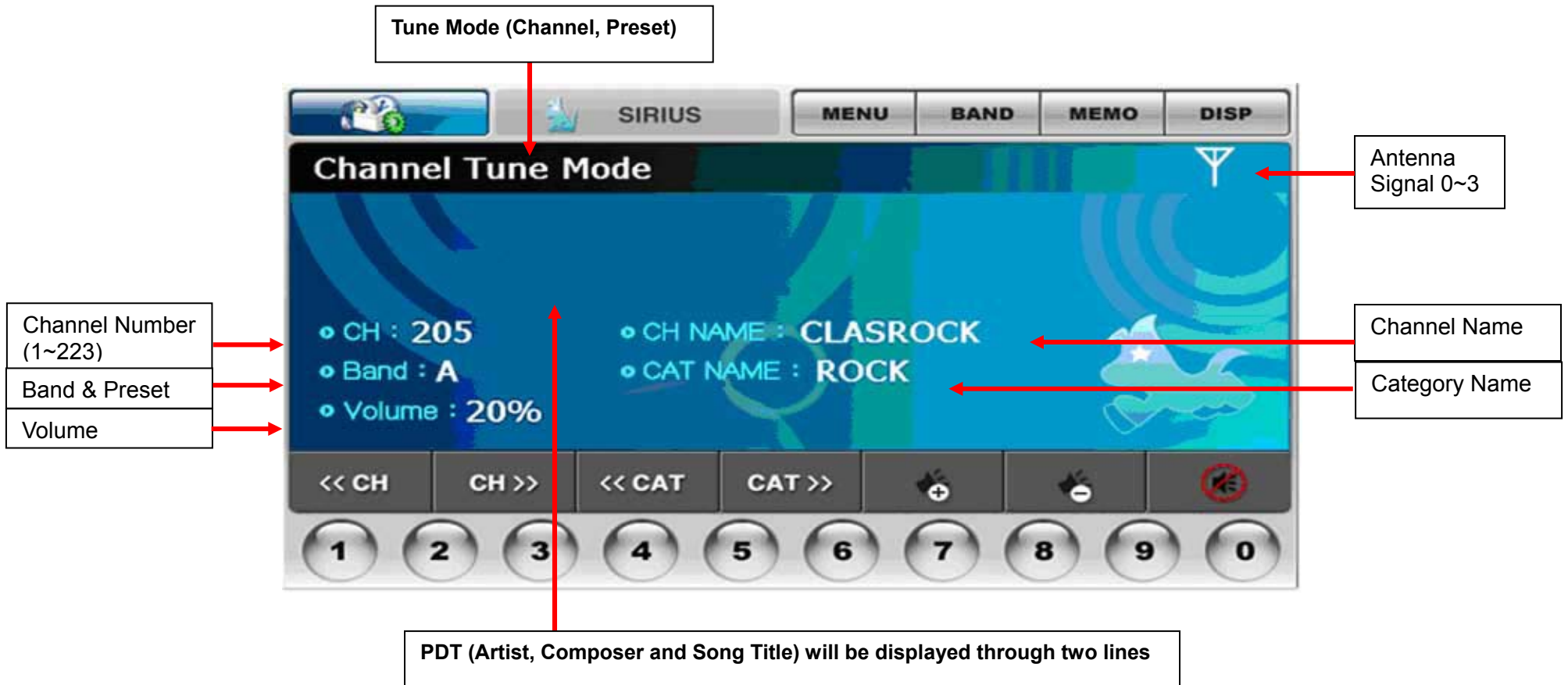**Press SIRIUS ICON on main menu**

Keys on Touch Screen

Menu

Display

Category Up/ Down

Volume Up/ Down

Channel Up/ Down

Mute

Number Key 1 ~ 0 (Preset recall, save, Direct Tune)

1) Default Mode – Channel Tune Mode

Tune Mode (Channel, Preset)

Antenna Signal 0~3

Channel Tune Mode

SIRIUS | MENU | BAND | MEMO | DISP

Channel Number (1~223)

Band & Preset

Volume

- CH : 205
- Band : A
- Volume : 20%

- CH NAME : CLASROCK
- CAT NAME : ROCK

Channel Name

Category Name

<< CH | CH >> | << CAT | CAT >> | | |

1 2 3 4 5 6 7 8 9 0

PDT (Artist, Composer and Song Title) will be displayed through two lines

Action	Function
Press MENU	Enters the user's setting menu
Press CH+	Channel up
Press CH-	Channel down
Press CAT+	Enters the category list mode
Press CAT-	
Press Tune Mode	Makes a direct tuning dialogue and confirms input to tune
Press Number 1~0	Jumps to a preset channel
Press-and-hold Number 1~0	Presets a current channel to the pressed number
Press MENU	Enters the user's setting menu
Press BAND	Changes a preset band among A, B or C.
Press-and-hold BAND	Enters the preset tuning mode.
Press DISP	Toggles the LCD display (no changes in this product)
Press-and-hold DISP	Enters the channel list mode
Press MEMO	Memorizes the artist name and song title of the current channel.
Press-and-hold MEMO	Enters the memo recall list mode

2) Default Mode – Preset Tune Mode

Action	Function
Press MENU	Enters the user's setting menu
Press CH+	Preset channel up
Press CH-	Preset channel down
Press-and-hold DISP	Enters the preset channel list mode

3) Channel List Mode, Preset Channel List Mode, Category List Mode

Channel List →

Items →

<Channel List Mode>

Action	Function
Press MENU	Enters the user's setting menu
Press CH+	Scrolls channel up in the current category.
Press CH-	Scrolls channel down in the current category.
Press ITEM	Tunes to the selected channel.
Press DISP	Changes the way how to show channels among in channel name, artist name or song-title.

4) Menu Mode (Main Menu Screen)

Items

Action	Function
Press MENU	Returns to default mode
Press ITEMS	Enters each sub-menus.

4-1 Sub Menu Screen

<SID – Sirius ID>

<Lock or Unlock>

<Edit Code>

<Antenna Aiming – satellite, terrestrial>

<Memory Option>

<Factory Default>

4-2 Sub Menu Screen – Add or Skip List Mode

Items

Action	Function
Press MENU	Returns the user's setting menu
Press CH+	Scrolls channel up in the current category.
Press CH-	Scrolls channel down in the current category.
Press ITEM	Toggles a channel status to skip or lock
Press DISP	Changes the way how to show channels among in channel name, artist name or song-title.

5. Navigation with Sirius Mode

Sirius Channel Information

Volume Up

Volume Down
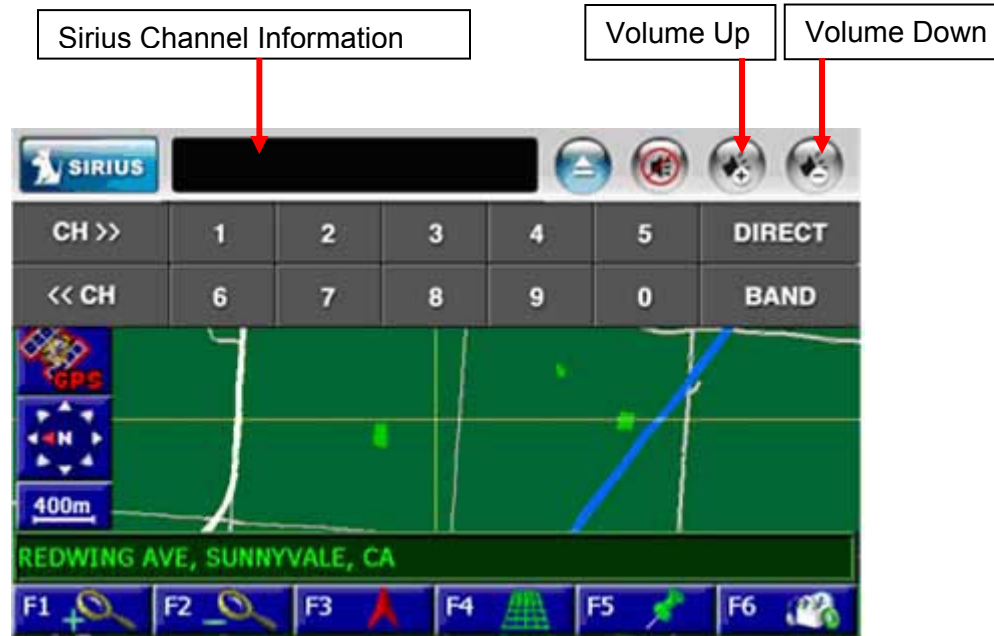
6. Navigation with Music Mode

Music Information

Previous Music

Next Music

7. Photo Mode
Press Photo ICON on main menu

Keys on Touch Screen

> 395-scenery.jpg (861 x 482)
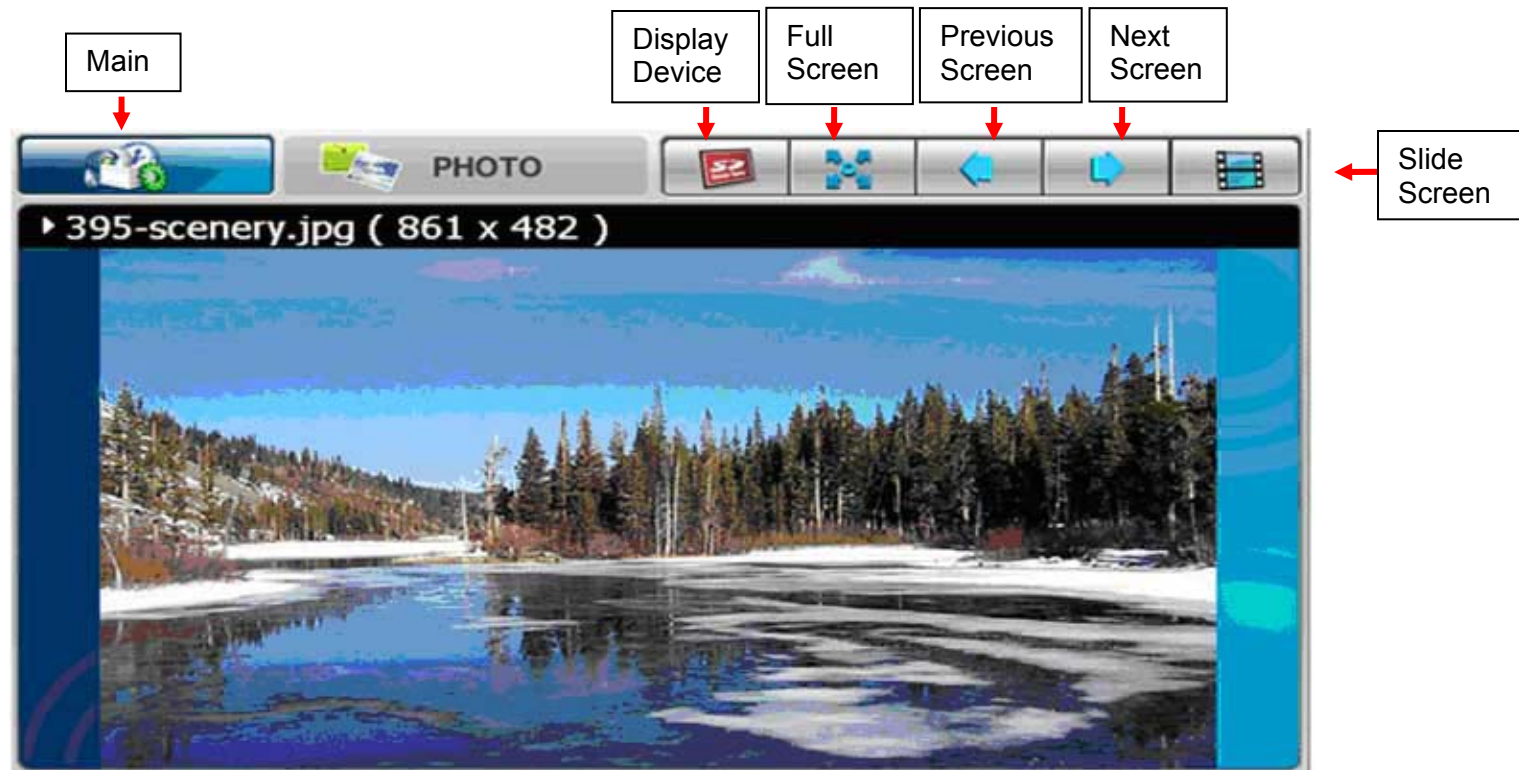
1) Select Display Device

Hard Disk

USB Memory

▸ 398-scenery.jpg (576 x 384)

▸ [USB]\PHOTO\dog.jpg (600 x 400)

2) Select Display Mode

▸ the evening sun.jpg (800 x 600) - SLIDE MODE -

<Full Mode>

<Slide Mode>

8. Rear View and A/V Mode
Press RearView ICON on main menu

Keys on Touch Screen

DVD or Other A/V Input

Rearview Camera Input

Will be displayed DVD input or rearview camera input
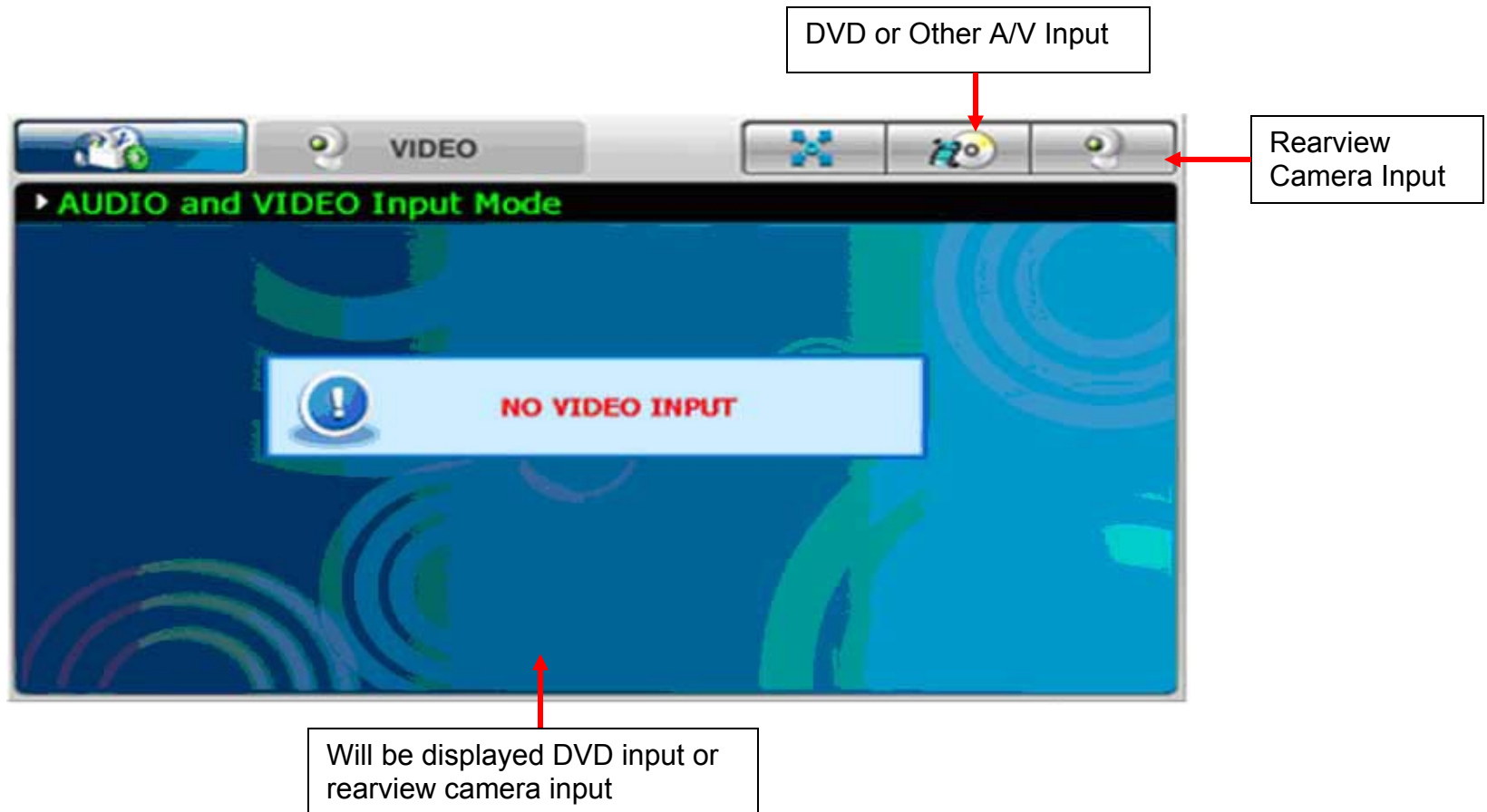
9. System Setup mode
Please do not adjust this set up mode.
Just press each icon and show.

Press Setup ICON on main menu

Keys on Touch Screen

Main

SETUP

FM — FM Transmitter
LCD — LCD Brightness
Firmware — Software Upgrade

Select SETUP Menu

To select FM transmiter frquency, press FM button

To control LCD brightness, press LCD button

To upgrade SOFTWARE, press Firmware button

EG)
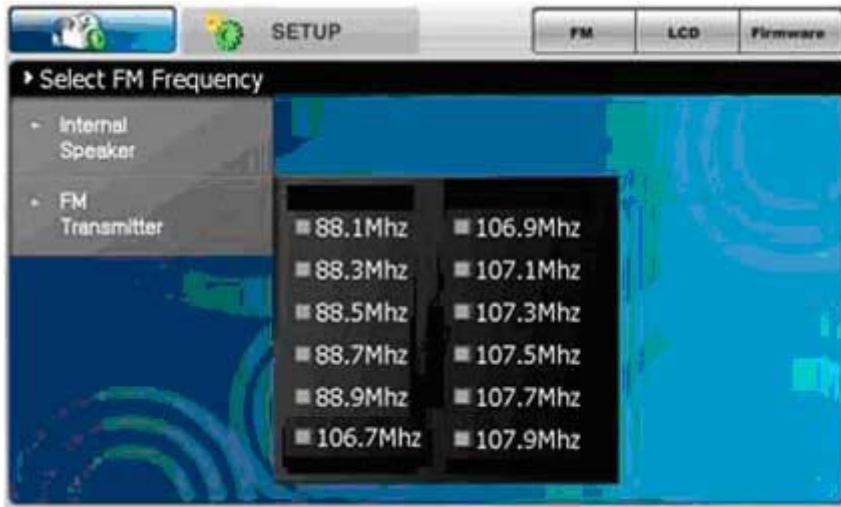
< FM Transmitter Set-up>

< LCD Brightness Set-up>

< Software Upgrading Set-up>

Transition Diagram
for
Windows CE Navigation
User Interface Menu
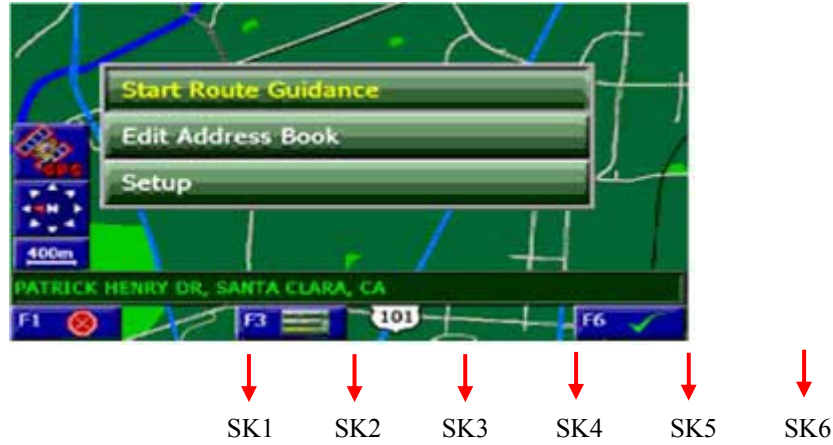
Start Menu

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	NA
SK6	Accept
Fig. 1, 1.1, 1.2 and **1.3** use this soft key set.	

SK1   SK2   SK3   SK4   SK5   SK6

Fig. 1 – Start Menu

Page Down →

← Page Up

See **Sections** **1.1.1**, **1.1.2**, **1.1.3**, **1.1.4** and **1.1.5**.
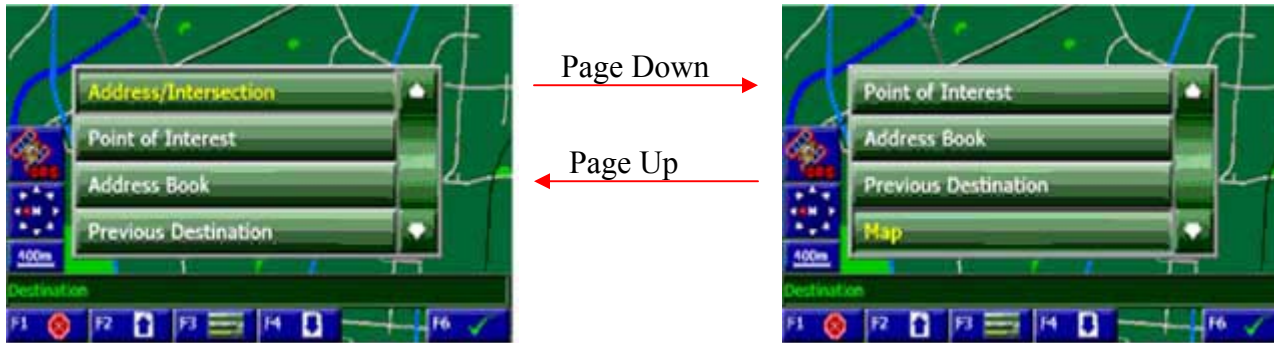
Fig. 1.1 – Start Route Guidance

See **Sections** **1.2.1**, **1.2.2**, **1.2.3** and **1.2.4**.

Fig. 1.2 – Edit Address Book

Fig. 1.3 – Setup

Page Down
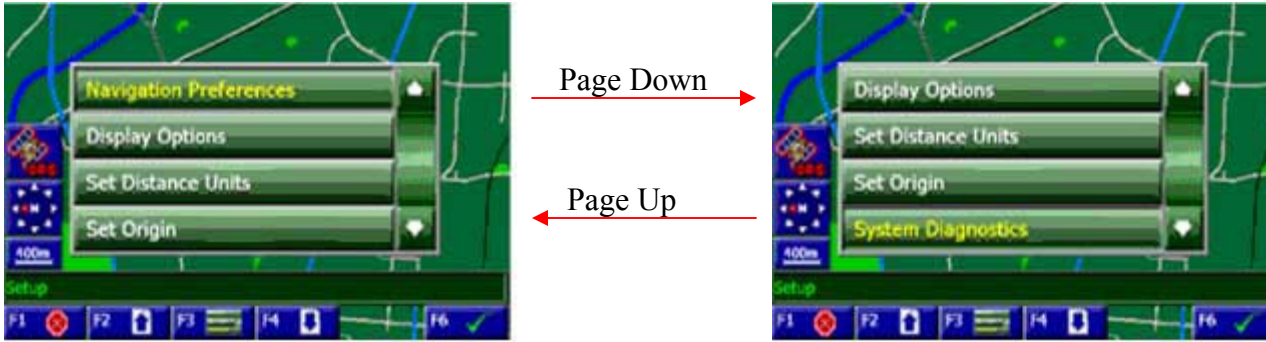
Page Up

See *Sections* **1.3.1**, **1.3.2**, **1.3.3**, **1.3.4**, **1.3.4.1**, **1.3.4.2**, **1.3.4.3**, **1.3.4.4**, **1.3.4.5**, **1.3.5**, **1.3.5.1** and **1.3.5.2**

Section 1.1.1 - Destination->**Address/Intersection**

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	Spell
SK6	Accept

See Fig. 1 for SK reference.
Fig. 1.1.1, 1.1.1.1, 1.1.1.3 and **1.1.1.4** use this soft key set.

Fig. 1.1.1.1 – State/Province Name

Fig. 1.1.1 – Address/Intersection

Fig. 1.1.1.2 – Postal Code

Fig. 1.1.1.3 – City Name

Fig. 1.1.1.4 – Street Name

Section 1.1.2 - Destination->**Point of Interest**

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	Spell
SK6	Accept

See Fig. 1 for SK reference.
Fig. 1.1.2, 1.1.2.1 and **1.1.2.2** use this soft key set.
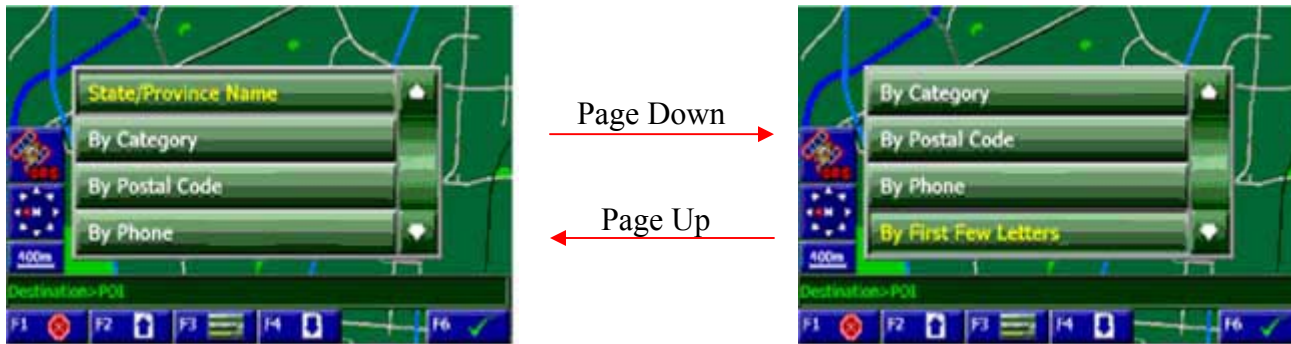
Page Down →

← Page Up

Fig. 1.1.2 – Point of Interest

Fig. 1.1.2.1 – State/Province Name

Fig. 1.1.2.2 – By Category

Fig. 1.1.2.3 – By Postal Code

Fig. 1.1.2.4 – By Phone

Fig. 1.1.2.5 – By First Few Letters

Section 1.1.3 - Destination->**Address Book**
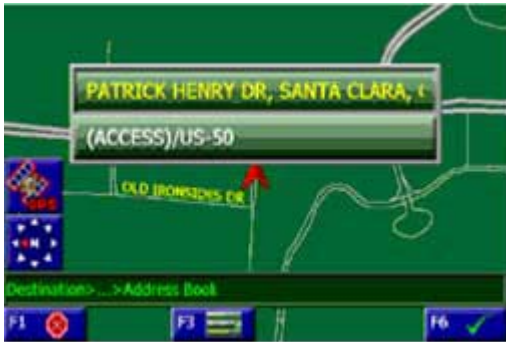
Fig. 1.1.3

Section 1.1.4 - Destination ->**Previous Destination** (Most Recently Used Locations)
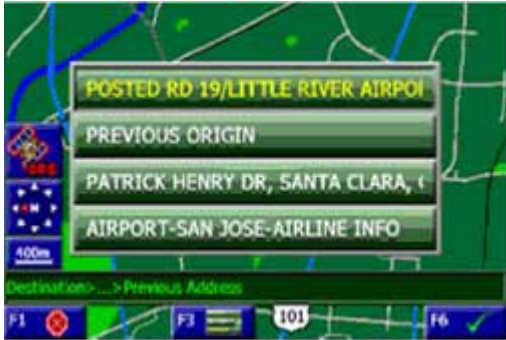
Fig. 1.1.4

Section 1.1.5 - Destination->**Map**

Fig. 1.1.5

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	NA
SK6	Accept

See Fig. 1 for SK reference.
Fig. 1.1.3 and **1.1.4** use the same set of soft key.

SK1	Zoom In
SK2	Zoom Out
SK3	Return current vehicle position
SK4	2D, 2.5D and Split screen
SK5	Accept cross point as new vehicle position
SK6	Return current vehicle position

See Fig. 1 for SK reference.
Fig 1.1.5 uses this soft key set.

Section 1.2.1 - Edit Address Book->**Add Previous Destination** (Most Recently Used Locations)
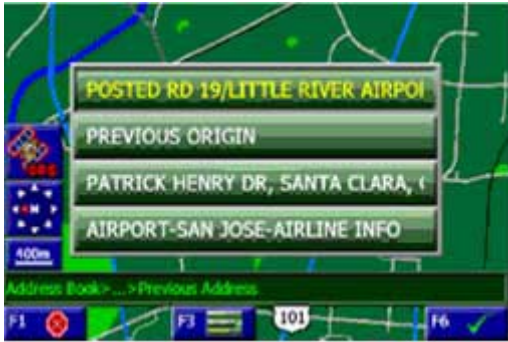

Fig. 1.2.1

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	NA
SK6	Accept
See Fig. 1 for SK reference. **Fig. 1.2.1, 1.2.3** and **1.2.4** use this soft key set.	

Section 1.2.2 - Edit Address Book->**Add Current Location**
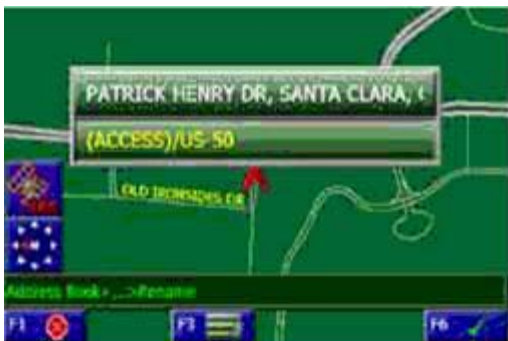

Fig. 1.2.2

Section 1.2.3 - Edit Address Book**->Edit**

Fig. 1.2.3

Section 1.2.4 - Edit Address Book->**Delete**
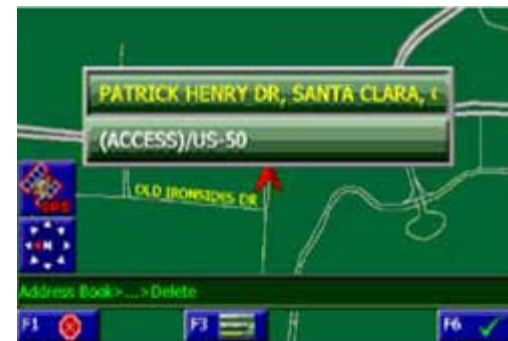
Fig.1.2.4

Section 1.3.1 - Setup->**Navigation Preferences** (Preferences)
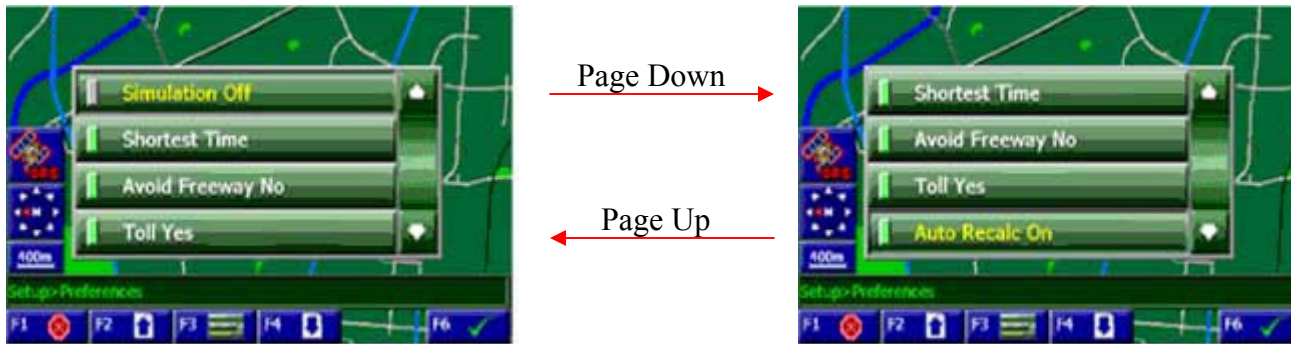
Page Down

Page Up

Fig. 1.3.1

Section 1.3.2 - Setup->**Display Options**

Page Down

Page Up

Fig. 1.3.2

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	NA
SK6	Accept

See Fig. 1 for SK reference. **Fig. 1.3.1, 1.3.2, 1.3.3** and **1.3.4** use the same set of soft key.
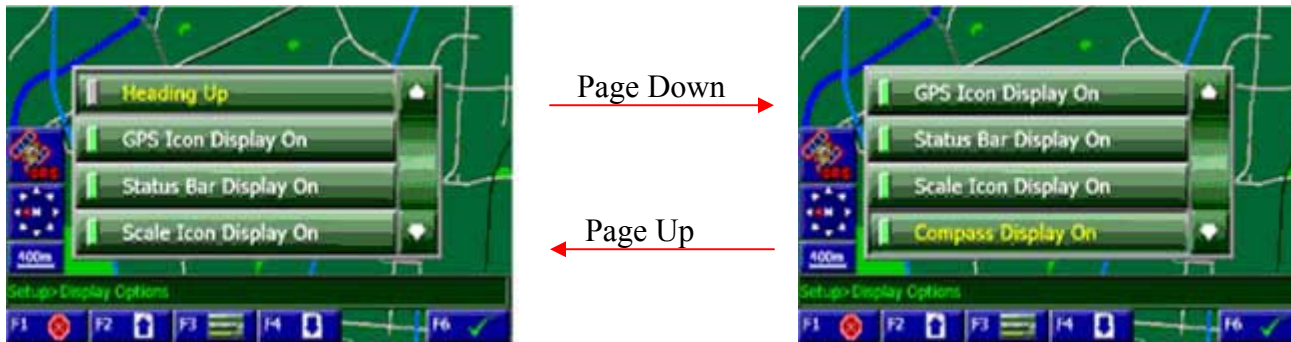
Section 1.3.3 - Setup->**Set Distance Units** (Units)

Fig. 1.3.3

Section 1.3.4 - Setup->**Set Origin**

Page Down

Page Up

Fig. 1.3.4

Section 1.3.4.1 - Setup->Set Origin->**Address/Intersection**

Fig. 1.3.4.1.1 – State/Province Name
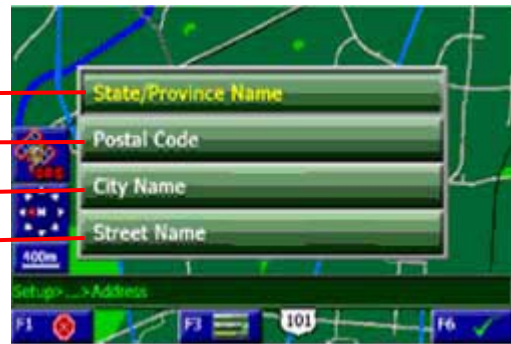
Fig. 1.3.4.1 – Setup->Set Origin->Address/Intersection

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	Spell
SK6	Accept
See Fig. 1 for SK reference.	

Fig. 1.3.4.1.2 – Postal Code

Fig. 1.3.4.1.3 – City Name

Fig. 1.3.4.1.4 – Street Name

Section 1.3.4.2 - Setup->Set Origin->**Point of Interest**

Page Down
Page Up

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	Spell
SK6	Accept
See Fig. 1 for SK reference.	

Fig. 1.3.4.2 – Setup->Set Origin->Point of Interest

Fig. 1.3.4.2.1 – State / Province Name

Fig. 1.3.4.2.2 – By Category

Fig. 1.3.4.2.3 – By Postal Code

Fig. 1.3.4.2.4 – By Phone

Fig. 1.3.4.2.5 – By First Few Letters

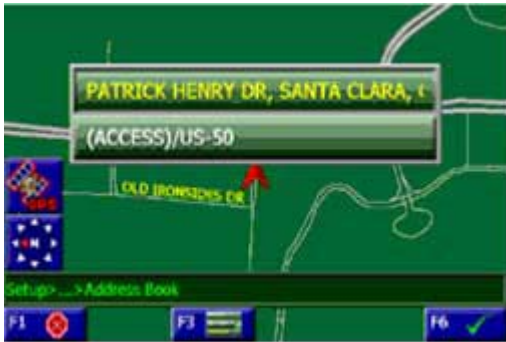## Section 1.3.4.3 - Setup->Set Origin->**Address Book**

Fig. 1.3.4.3

Section 1.3.4.4 - Setup->Set Origin->**Previous Destination** (Most Recently Used Locations)

Fig. 1.3.4.4

Section 1.3.4.5 - Setup->Set Origin->**Map**

Fig. 1.3.4.5

SK1	Return to map mode
SK2	Page up
SK3	Return previous level
SK4	Page down
SK5	NA
SK6	Accept

See Fig. 1 for SK reference.
Fig. 1.3.4.3 and **1.3.4.4** use this soft key set.

SK1	Zoom In
SK2	Zoom Out
SK3	Return current VP
SK4	2D, 2.5D and Split screen
SK5	Accept cross point as new VP.
SK6	Return current VP

See Fig. 1 for SK reference.
Fig 1.3.4.5 uses this soft key set.

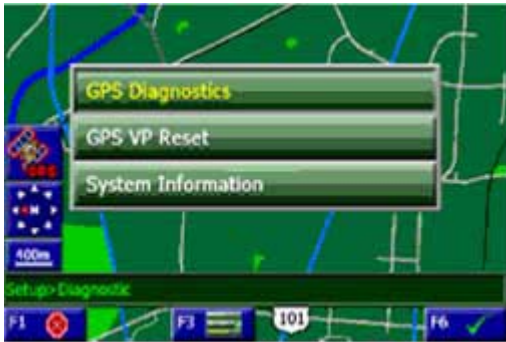## Section 1.3.5 - Setup->**System Diagnostics** (Diagnostic)

Fig. 1.3.5

SK1	Return to map mode
SK2	NA
SK3	Return previous level
SK4	NA
SK5	NA
SK6	Accept

See Fig. 1 for SK reference.
Fig. 1.3.5 uses this soft key set.

Section 1.3.5.1 - Setup->System Diagnostics->**GPS Diagnostics**
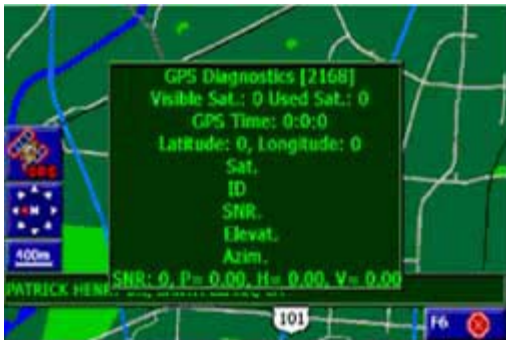
Fig. 1.3.5.1

SK1	NA
SK2	NA
SK3	NA
SK4	NA
SK5	NA
SK6	Return previous level

See Fig. 1 for SK reference.
Fig. 1.3.5.1 uses this soft key set.

Section 1.3.5.2 - Setup->System Diagnostics-> **System Information**

Fig. 1.3.5.2

SK1	NA
SK2	NA
SK3	NA
SK4	NA
SK5	NA
SK6	Accept

See Fig. 1 for SK reference.
Fig 1.3.5.2 uses this soft key