

TERMS & CONDITIONS

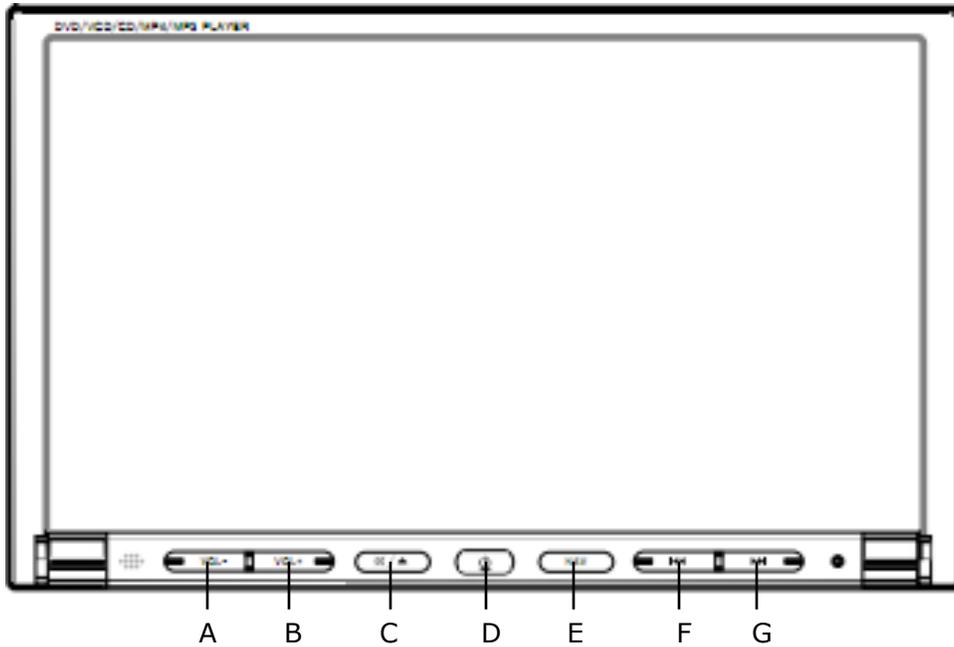
1. The maps data and/or preloaded software (“Software”) in this device are licensed by third parties to the Company. The Software is sub-licensed on a limited, non-exclusive, non-transferable and revocable basis for use by the User solely on this device only and is not sold together with the device. If upgrades, updates or supplements to the Software are obtained, the use of such upgrades, updates or supplements is governed by these Terms & Conditions and any amendments that may accompany them and may be subject to additional payments and conditions. The User must not reproduce, distribute, publish, transmit, modify, adapt, translate, display, distribute, sell, license, publicly perform, prepare derivative works based upon, or otherwise use or exploit the Software. The foregoing limited right does not give the User any ownership of Software and nothing contained in this Agreement may be construed as conferring to the User any licence or right to the Software under any copyright or any other intellectual property right.
2. The Software is provided by the copyright holders "AS IS" and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are disclaimed. In no event shall the copyright owner be liable for any direct, indirect, incidental, special, exemplary, or consequential damages however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of the Software, even if advised of the possibility of such damage. The entire risk to the quality and performance of the Software is borne by the User. This disclaimer of warranty constitutes an essential part of the licence granted to the User to use the Software.
3. The trademarks, logos, and service marks (“Trademark”) displayed on this Software and device, are owned by the Company and third parties. All Trademark not owned by the Company are the property of their respective owners, and are used with permission. Nothing contained herein may be construed as granting any right or license to use any Trademark.
4. The maps and any information stored in this device is strictly a navigation guide for reference use only. It is the sole responsibility of the User’s to use this device prudently. Information provided may change over time and the User should decide the route based on the actual road conditions and traffic laws. The Company makes no representation or warranty, whether expressly or impliedly as to the accuracy, completeness, timeliness, reliability or fitness for any particular purpose of the maps stored therein.

5. The planned, shortest, quickest routes and estimated time to desired destinations are obtained from optimal route calculations based on the map database and should be used as a reference only. This device must not be used for any purpose requiring precise measurement of direction, distance, location or topography.
6. User shall be responsible for his/her use of the maps stored therein and the device, and shall at all times comply with all traffic laws and regulations of the country of usage.
7. The usage of this device is dependent on the Global Positioning System (“GPS”) which is operated by the United States government and is solely responsible for its accuracy and maintenance. The system is subject to changes which may affect the performance and accuracy of the GPS navigator devices.
8. The use of the device is at the User’s own risk. Lokatoo and the Company is not liable for any fines, penalties, damages or loss whether direct, indirect, incidental, special, exemplary, or consequential damages however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of the device.

CONTENTS

HARDWARE INTERFACE PANEL	01
REMOTE CONTROL	03
MAIN MENU	07
BLUETOOTH	09
Bluetooth menu	09
Key pad page	10
Recent calls page	11
Bluetooth setup page	12
Bluetooth music playback interface page	13
DVD	14
Playing music files	15
Playing audio CD	15
Playing MP3 files	16
Playing movie files	17
Playing DVD / VCD	17
Playing AVI files	17
Viewing picture files	18
Media Playback Menu Buttons	20
General Setup Page	23
Audio (Speaker Setup Page)	24
Prefer (Preference Page)	24
Password Setup Page	25
Exit Setup	25
Spectrum Display	26
VIR.CDC	27
Ripping an audio CD to the system internal hard disk	28
RADIO	30
SET	31
System setup	31
Video setup	33
Audio setup	34
Time setup	36
Adjusting the time	36
Control setup	37
Connection Diagram	38
Specification	39

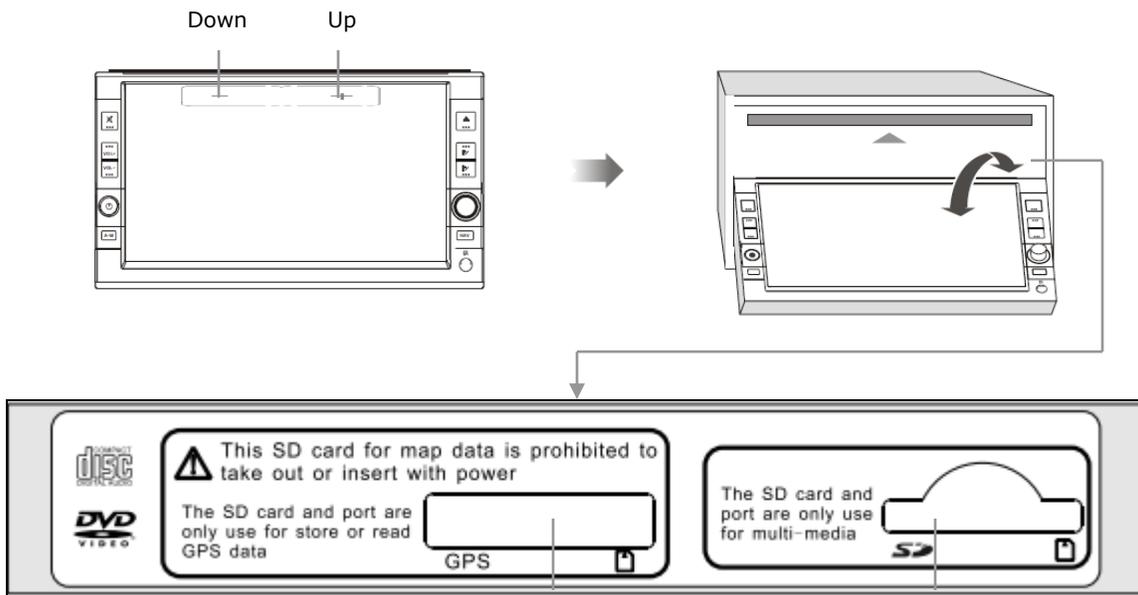
HARDWARE INTERFACE PANEL



A.	Press to decrease the volume.
B.	Press to increase the volume.
C.	Mute. Press this button to enable the system to enter mute mode. Press again to disable it.
D.	On / Off. Press to switch on the system. If the system is on, press once and the system will enter night mode with dimmer screen display. Press again and the system will turn off the screen. Press again to go back to the original state. Press and hold for 2 seconds to turn off the system.
H.	Reset to factory setups.

K.		Playing music or movie files (including VIR.CDC)	Viewing picture files	Radio
	Up	Fast reverse	N/A	Manual tuning (frequency in descending order)
	Down	Fast forward	N/A	Manual tuning (frequency in ascending order)
	Press	N/A	N/A	Save frequency as station
	Left	Play previous track	View previous picture	Go previous station
	Right	Play next track	View next picture	Go next station

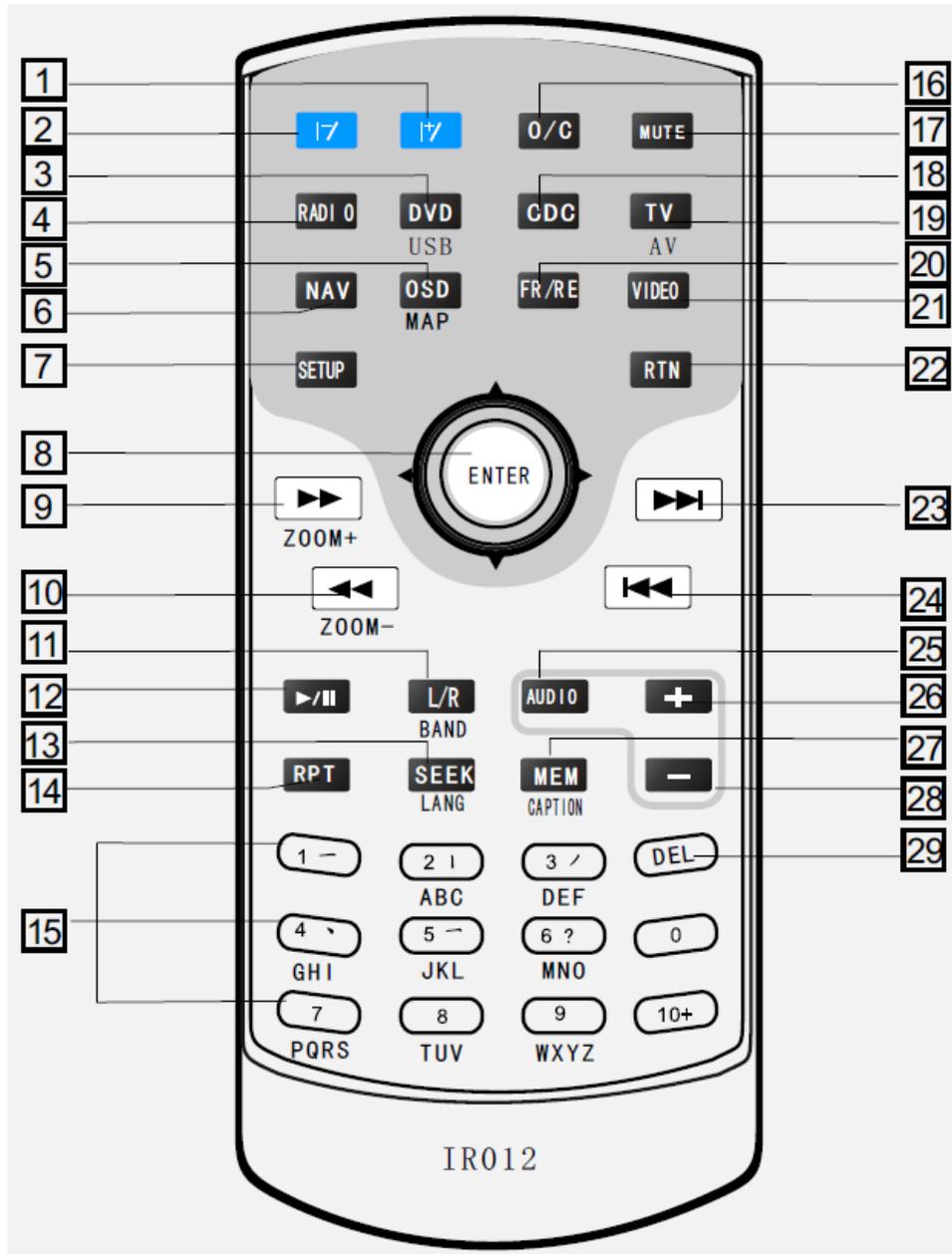
You may also tilt the screen by pressing the screen as shown below. Behind the screen, you will find slots for SDMMC card.



Insert SDMMC card containing navigation software and map here.

Insert SDMMC card containing media files such as MP3, AVI and JPEG.

REMOTE CONTROL



1. Tilt screen (up)
2. Tilt screen (down)
3. Media playback interface. Plays music, movie and viewing picture from CD, DVD, SDMMC card or USB flash drive.
4. Radio interface
5. To display information on time elapsed and remain when playing movie.

6. Switches between navigation screen and other system functions.
7. Press to enter and exit setup menu page.
8. In file listing page, press up▲ or down▼ to highlight file. Press left◀ to page up and right▶ to page down. Press Enter to select the file. For individual function, please refer to the table below.

	VIR.CDC	Viewing picture files	Radio
Up▲	N/A	Flip picture vertical	Manual tuning (frequency in descending order)
Down▼	N/A	Flip picture horizontal	Manual tuning (frequency in ascending order)
Enter	N/A	N/A	Save tuned frequency as station
Left◀	Fast reverse	Rotate picture anti-clockwise	Go previous station
Right▶	Fast forward	Rotate picture clockwise	Go next station

* Not applicable for movie and music playback.

9.

Playing music or movie files (including VIR.CDC)	Viewing picture files	Radio
Fast forward	N/A	Auto tuning (frequency in ascending order)

10.

Playing music or movie files (including VIR.CDC)	Viewing picture files	Radio
Fast reverse	N/A	Auto tuning (frequency in descending order)

11.

Playing DVD	Playing VCD, AVI files	Radio
To switch DVD language selection. (Disc support dependent)	To switch audio mode between Left Mono, Right Mono, Mix-Mono and Stereo	To select the frequency band.

12. Play / pause

13.

Playing DVD	Playing VCD, AVI files	Radio
To switch DVD language selection. (Disc support dependent)	To switch audio mode between Left Mono, Right Mono, Mix-Mono and Stereo	Search stations and save automatically.

14. Repeat playback setup. You may choose to repeat a single track or all tracks.

15. Numeric keyboard. For keying in track / file number to be played / viewed.

16. To tilt down / up screen.

17. Mute. Press this button to enable the system to enter mute mode. Press again to disable it.

18. Press to enter VIR.CDC mode. Please refer page 31 for details.

19. * *This function is not available.*

20. * *This function is not available.*

21. * *This function is not available.*

22.

Playing DVD	Playing VCD	Playing AVI files	Viewing picture files
Return to DVD title menu page.	To turn on / off PBC (Playback control) feature.	Return to file listing page.	1 st press – Display picture in thumbnail. 2 nd press – Display file listing page.

23.

Playing music or movie files (including VIR.CDC) or viewing picture files	Radio
Play next track / file	Go to next station.

24.

Playing music or movie files (including VIR.CDC) or viewing picture files	Radio
Play previous track / file	Go to previous station.

25. Tap to select the desired equalizer mode between FLAT, CUSTOM, POP, ROCK, CLASSIC and JAZZ.

26. Increase volume

27. Decrease volume

28.

Playing DVD	Radio
To switch DVD language selection. (Disc support dependent)	Save tuned frequency as station.

29. * *This function is not available.*

MAIN MENU



- | | | |
|-----|--------------------|--|
| 1. | NAVI | Tap this icon to launch the navigation software. Please refer Lokatoo Navigation Software User Manual. |
| 2. | RESTART NAV | Tap this icon to re-launch the navigation software. Only select this option if you experience unusual response from the navigation software. |
| 3. | BLUETOOTH | Handsfree functions for your mobile phone. |
| 4. | DVD | Plays music, movie and viewing picture from CD, DVD, SDMMC card or USB flash drive. |
| 5. | VIR.CDC | Virtual CD changer. To play ripped audio CD music from the device internal memory. |
| 6. | XM / CDC | <i>*Optional
(This function is not available for this version)</i> |
| 7. | TV | <i>* Optional
(This function is not available for this version)</i> |
| 8. | iPod | <i>* Optional
(This function is not available for this version)</i> |
| 9. | RADIO | Tune and listening to FM or AM band radio. |
| 10. | AV | <i>* Optional
(This function is not available for this version)</i> |
| 11. | TPMS | <i>* Optional
(This function is not available for this version)</i> |

12.	SET	Device setup page.
13.	CAM	* <i>Optional</i> (<i>This function is not available for this version</i>)
14.	REAR	* <i>Optional</i> (<i>This function is not available for this version</i>)
15.	MAIN	Return to Main Menu.
16.	EXIT	Return to previous function.

BLUETOOTH

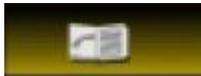
The Bluetooth function allows the GPS In built navigator to be paired to a mobile phone for making and answering calls. You may also play music from your mobile phone and connect it to your car sound system via Bluetooth.

Before Bluetooth can be used, both devices need to be matched (Paired). Press **Pairing** from the Bluetooth Setup page menu screen to begin pairing process, then, search for Bluetooth equipment (which is your GPS In built navigator in this case) from your mobile phone. Once the Bluetooth equipment (navigator) is found, enter the pairing password (Default: 0000), if asked. You can change the password in the Bluetooth Setup page. Once the pairing is successful, establish the connection from your mobile phone. Otherwise, repeat the pairing steps.

Bluetooth menu



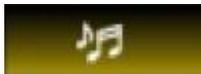
Key pad page – To access the key pad for making call.



Recent calls page – List down outgoing, incoming and missed calls details.



Bluetooth setup page



Bluetooth music playback interface page

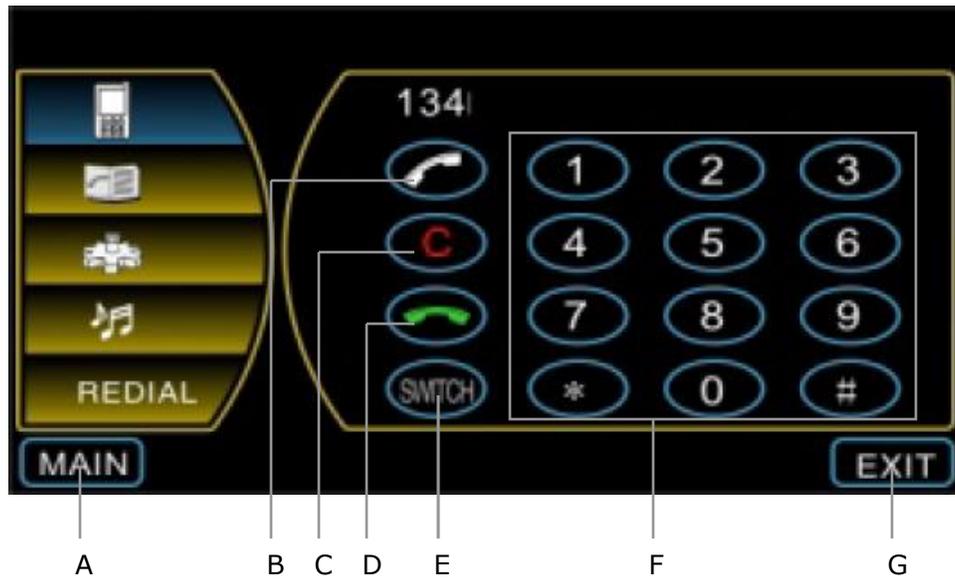


To dial the phone number in Recent calls page

Note

To use the Bluetooth function, ensure that your mobile phone has Bluetooth capability and its function is enabled.

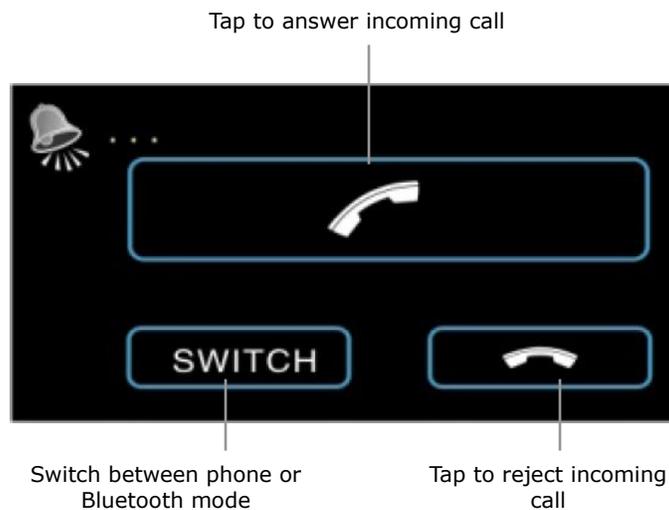
Key Pad Page



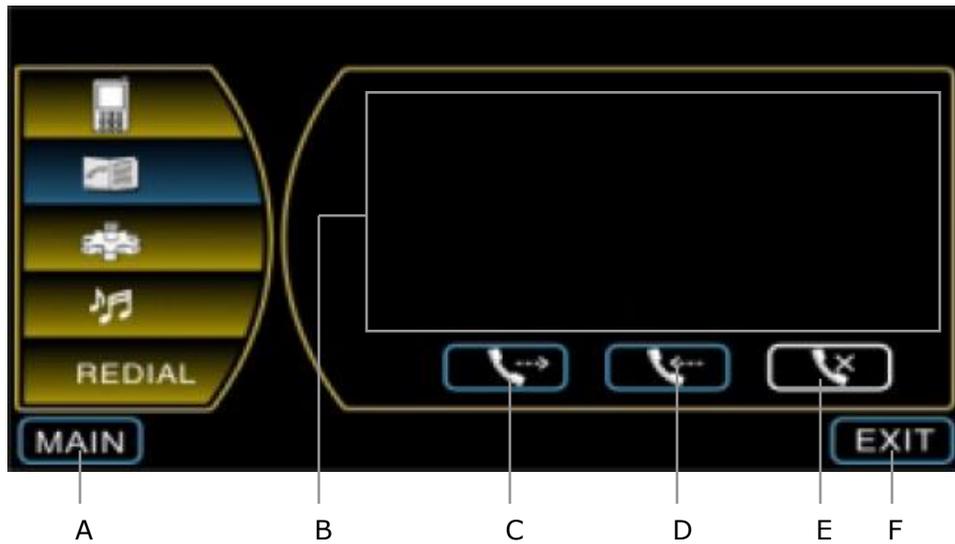
- | | |
|------------------------------|--|
| A. Return to Main Menu. | E. Switch between phone or Bluetooth mode during call. |
| B. To call the dialed number | F. Numeric key pad |
| C. Backspace | G. Return to previous function. |
| D. End call | |

To make outgoing call, use the numeric key pad to enter (F) phone number. Then tab (B) to call the dialed number. To end the call, tab (D).

If there is an incoming call, the screen will display image below.



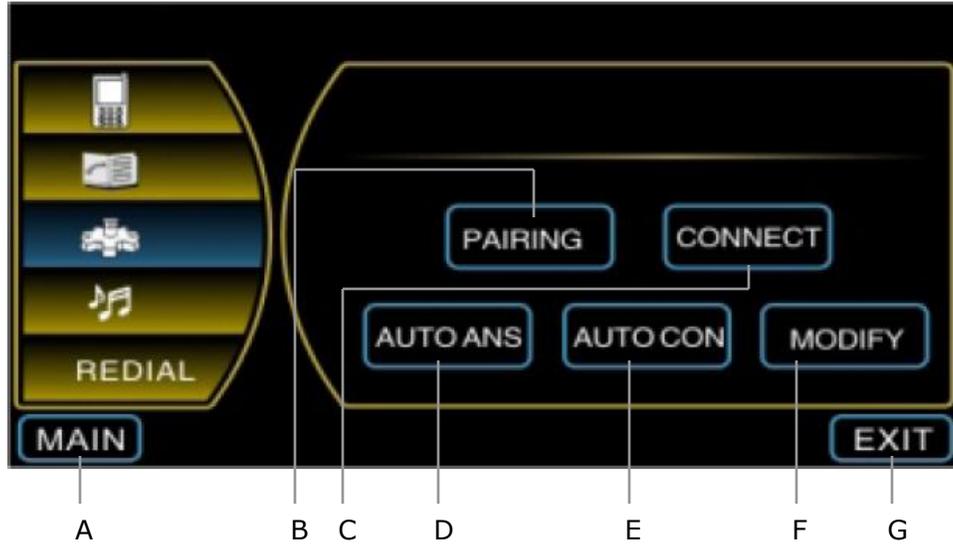
Recent Calls Page



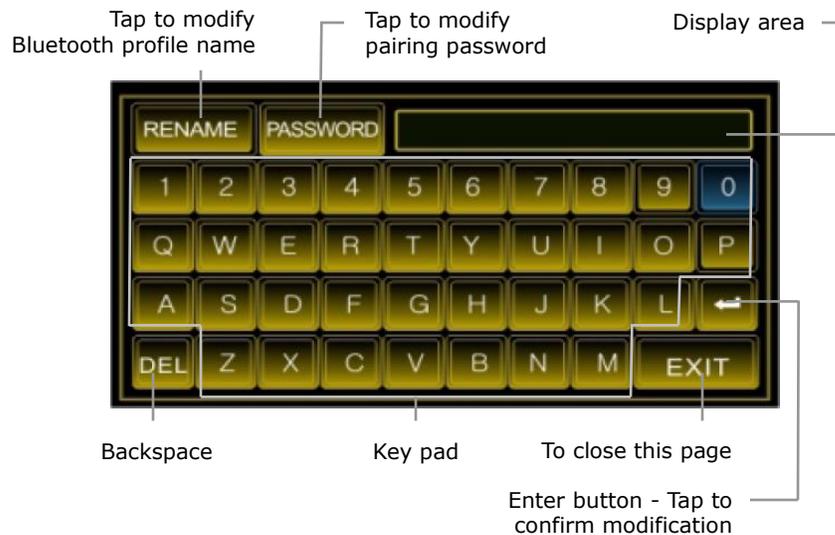
- | | |
|---------------------------------|---------------------------------|
| A. Return to Main Menu. | D. List incoming calls details. |
| B. Calls details display area. | E. List missed calls details. |
| C. List outgoing calls details. | F. Return to previous function. |

Recent calls page can list up to 5 outgoing, incoming and missed calls respectively. To call the number listed in Recent Calls page, simply tap the contact in the (B) call details display area, then tap **REDIAL**.

Bluetooth Setup Page

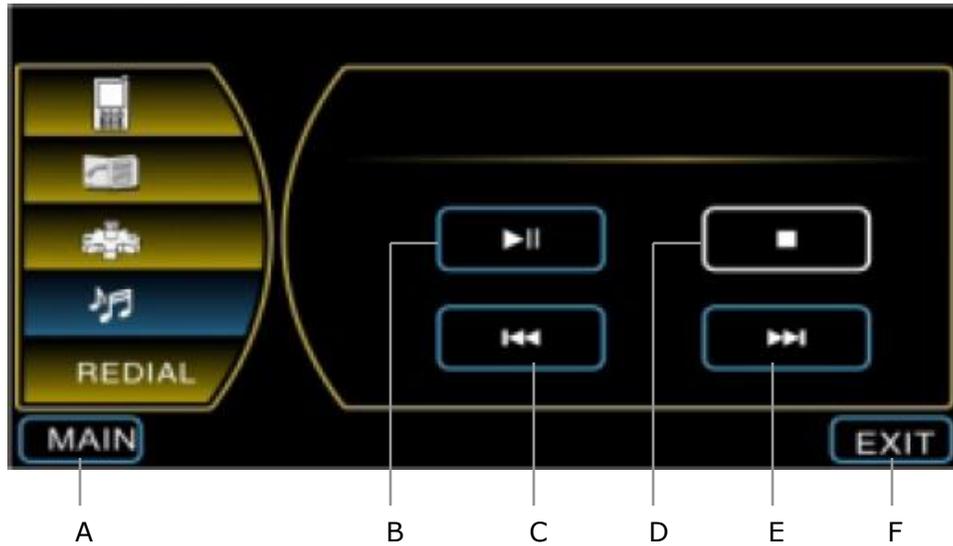


- A. Return to Main Menu.
- B. Tap to activate the Bluetooth function. Then, use your mobile phone to search the GPS In built navigator's Bluetooth profile.
- C. To establish the connection between your mobile phone and the GPS In built navigator once Pairing process is successful.
- D. Tap this button to allow incoming call to enter answer mode automatically after 3 rings without user's intervention.
- E. To allow paired mobile phone to connect to the GPS In car navigator automatically whenever the mobile phone is detected.
- F. To modify pairing password and Bluetooth profile name.



- G. Return to previous function.

Bluetooth Music Playback Interface Page



- | | |
|-------------------------|---------------------------------|
| A. Return to Main Menu. | D. Stop |
| B. Playback / Pause | E. Previous track |
| C. Next track | F. Return to previous function. |

To play music via Bluetooth, your mobile phone must be able to support "Play via Bluetooth" capability and its Bluetooth function must be enabled. Next, perform pairing, then, play the music from your phone. At the same time, go to Bluetooth music playback interface page from your GPS In built navigator. Now, you should be able to hear the music being played from your car speaker. You may use the interface (B), (C), (D) and (E) to control the music playback.

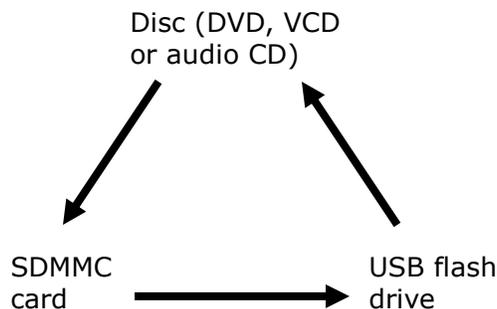
DVD

You may play music (audio CD or in MP3 format), movie (DVD, VCD or AVI format) or view picture (JPG) here. These media files may be in the form of DVD, VCD, audio CD, CD-R, SDMMC card or USB flash drive.

Even though the system allows multiple media storage to be inserted to the system, only one media storage can be played at a time.

To switch from one media storage to another, tap **MAIN** at the media playback menu buttons, then tap **DVD**. Repeat this process until the system plays the desired media storage.

If all media storages are inserted to the system, the system will play disc first. If **DVD** is tapped, it will switch to SDMMC card. Tap **DVD** again to switch to USB flash drive. Tap **DVD** again to go back to disc playback.



Note

If a disc is inserted to the system while playing file from SDMMC card or USB flash drive, the system will switch to play the disc automatically. However, if the system is playing a disc, inserting an SDMMC card or a USB flash drive will not cause the system to switch away from disc playback. The user will need to tap **MAIN** at the media playback menu buttons, then tap **DVD** in order to allow the system to switch to SDMMC card or USB flash drive.

PLAYING MUSIC FILES

Playing Audio CD

Insert an audio CD to the system and the CD will be played automatically.



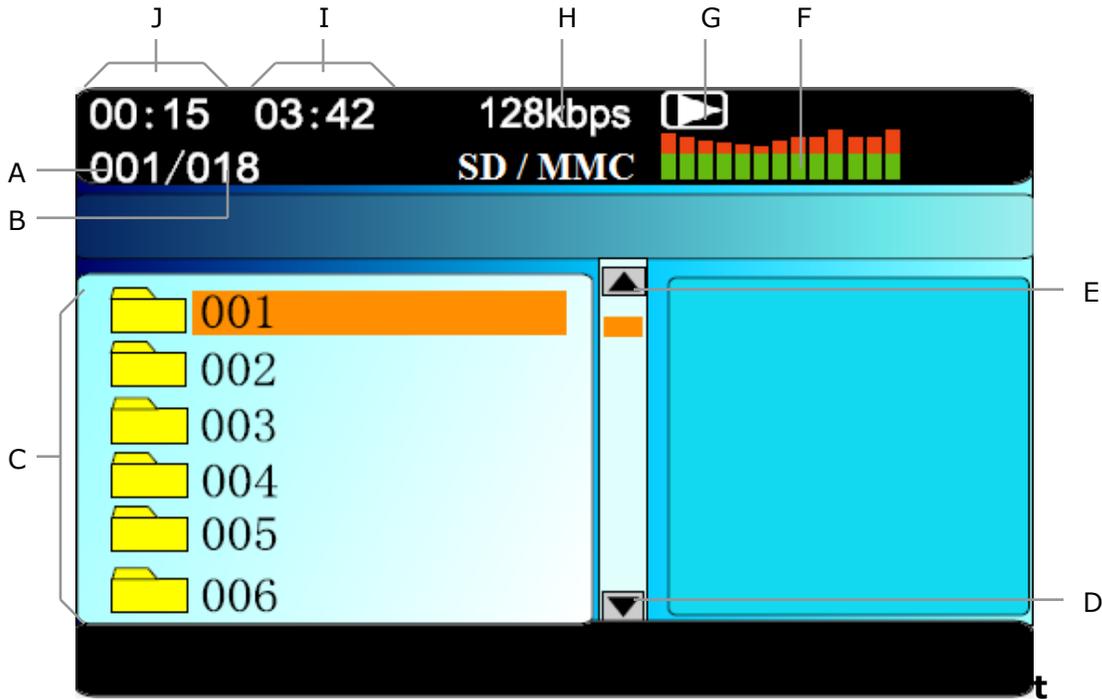
Tap anywhere on the screen above (except the track list) during track playback to display the media playback menu buttons. Please refer to page 23 for media playback menu buttons descriptions.

Note

If "Spectrum" function is enabled, the screen will turn to spectrum display page when it is left idle while playing music for about 12 seconds. Go to page 30 to learn about Spectrum.

Playing MP3 Files

MP3 files can be played from DVD, CD, SDMMC card or flash drive. Just insert or connect any of these media storage containing MP3 files to the system and tap  to play the MP3 files.



- | | |
|-------------------------------|---------------------------------|
| A. Playback of current track. | F. Mini spectrum |
| B. Total track | G. Playback status |
| C. Track list | H. Audio quality |
| D. Scroll down | I. Total current playback time. |
| E. Scroll up | J. Playback progress time. |

You may choose to play a desire track by tapping the track number at the track list (C).

Tap anywhere on the screen above (except the track list) during track playback to display the media playback menu buttons. Please refer to page 23 for media playback menu buttons descriptions.

Note

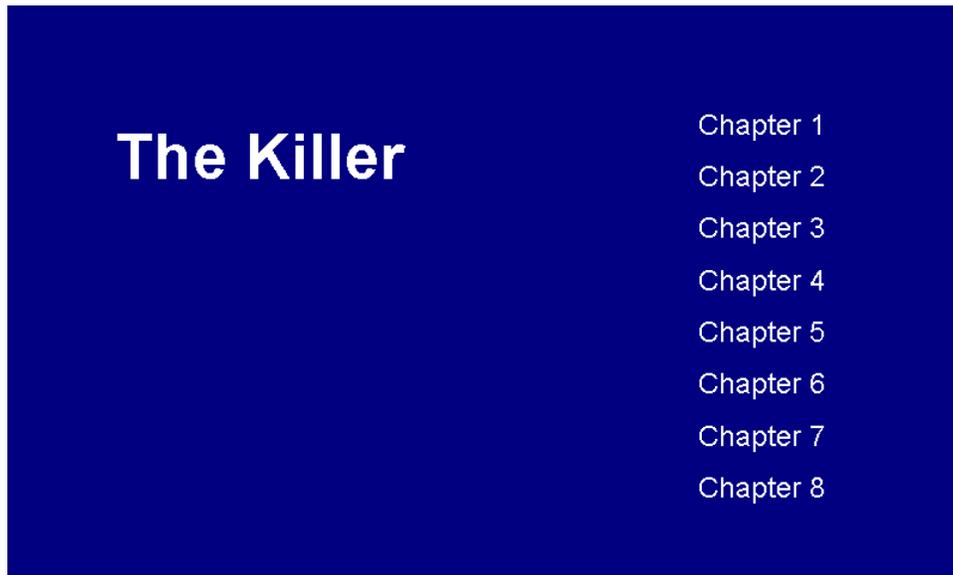
If "Spectrum" function is enabled, the screen will turn to spectrum display page when it is left idle while playing music for about 12 seconds. Go to page 30 to learn about Spectrum.

PLAYING MOVIE FILES

Playing DVD / VCD

Insert a DVD or VCD to the system and it will be played automatically.

DVD or certain VCD format allows you select the title / chapter. Tap the title / chapter you would like the system to play.



Tap anywhere on the screen during playback to display the media playback menu buttons. Please refer to page 23 for media playback menu buttons descriptions.

Playing AVI Files

AVI files can be played from DVD, CD, SDMMC card or flash drive. Just insert or connect any of these media storage containing AVI files to the system and tap  to play these files.

Tap anywhere on the screen during DVD playback to display the media playback menu buttons. Please refer to page 23 for media playback menu buttons descriptions.

VIEWING PICTURE FILES

You can view pictures JPEG stored in DVD, CD, SDMMC card or flash drive. Just insert or connect any of these media storage containing JPEG files to the system and tap  to view the pictures as slide show.



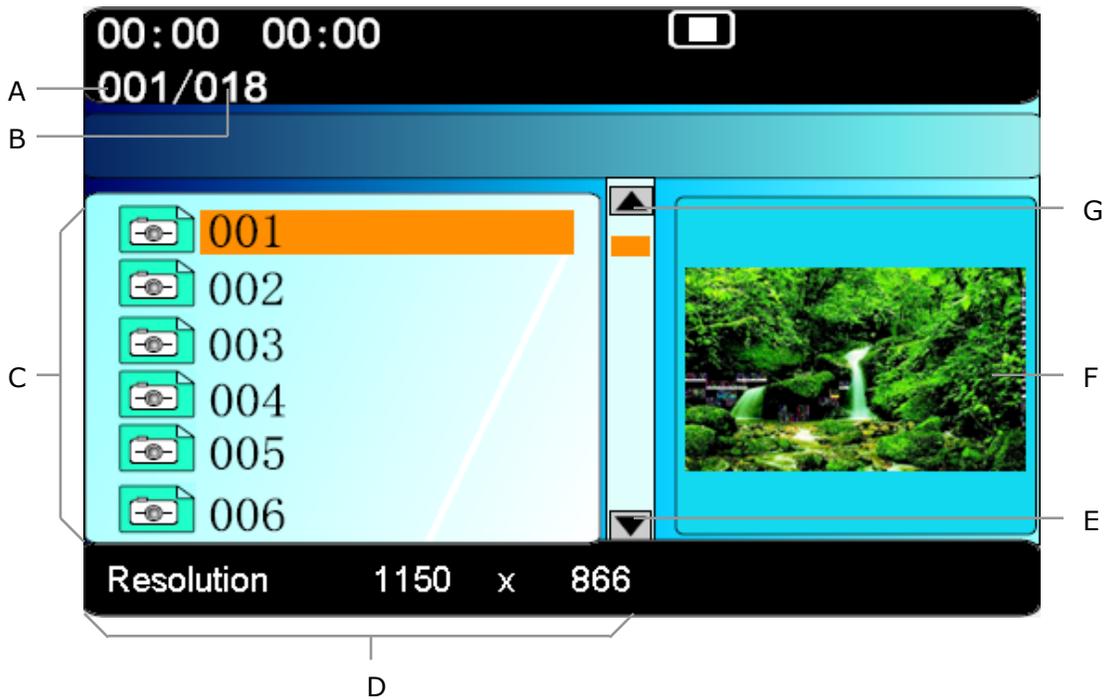
View JPEG files as slide show

Tap anywhere on the screen above during slide show to display the media playback menu buttons. Please refer to page 23 for media playback menu buttons descriptions. (Certain buttons in the media playback menu buttons may not be applicable to picture viewing function)

Tap  at the media playback menu button to display the pictures in thumbnail size as shown below.

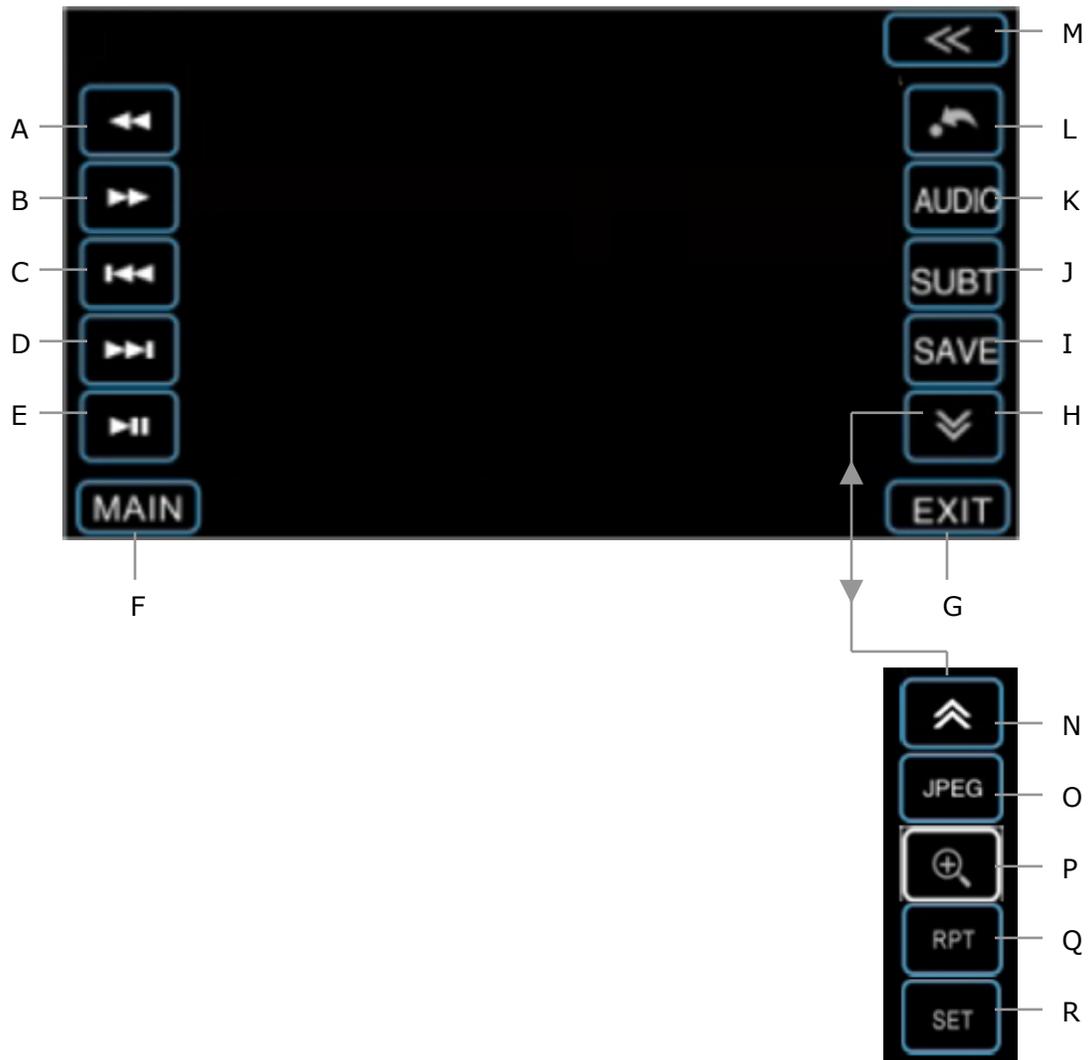


Tap  again at the media playback menu button to display the list of the picture files as shown below.



- | | |
|-------------------------------------|-------------------------|
| A. Viewing of current picture file. | D. Picture's resolution |
| B. Total picture files | E. Scroll down |
| C. Picture files list | F. Picture's preview |
| | G. Scroll up |

MEDIA PLAYBACK MENU BUTTONS



- A. Fast reverse
- B. Fast forward
- C. Previous track / file
- D. Next track / file
- E. Play / pause
- F. Return to Main Menu.
- G. Hide Media Playback Menu Buttons

- H. Menu page down
- I. To rip audio CD to system internal hard disk. Please go to page 32 for details.
- J. To select DVD playback subtitle. (Disc support dependent)
- K. To select DVD playback language. (Disc support dependent)
- L. Tap to go to title / chapter menu for DVD movie and folder page for other media format. For VCD playback, this button will turn on / off the PBC (Playback control)
- M. Tap to display numeric keyboard for track selection.



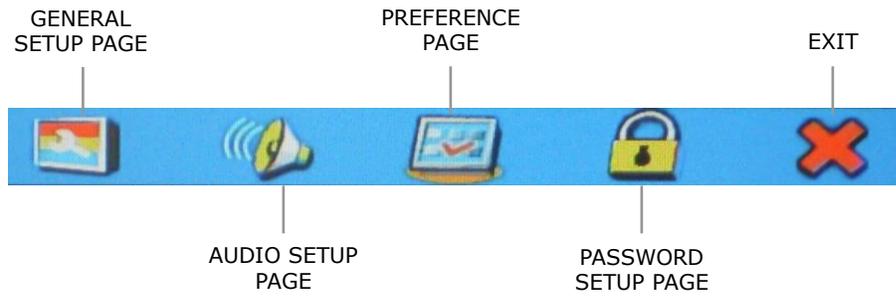
Numeric keyboard

To play the desired track, key in track number and tap **OK** at the numeric keyboard. To play track number 10 and greater, tap **10+** for the first digit before keying in the second digit.

For example, if you would like to play track number 58, tap **10+** five times. Then, tap **8**.

- N. Menu page up
- O. To capture image when playing movie or viewing picture to be used as wallpaper.
- P. To enlarge or diminish playback display.
- Q. Repeat playback setup. You may choose to repeat a single track or all tracks

R. Tap to enter / exit media playback setup page.



GENERAL SETUP PAGE

TV DISPLAY

NORMAL / PS	Images will be scanned and output in the format of "Panaroma".
NORMAL / LB	Images will be scanned and output in the format of "Message Box".
WIDE	Images will be scanned and output in the format of "Wide Screen".

ANGLE MARK

ON	OFF
----	-----

Display the angle mark.

SPDIF OUTPUT

SPDIF OFF	Output signal is analog signal.
SPDIF / RAW	Output original code stream source of the disc through digital port, when DVD coaxial output and digital amplifier are connected through coaxial port, this set should be selected.
SPDIF / PCM	Original code stream source be transfer and output as PCM digital signal. When DVD audio output analog signal and 2 sound channel digital stereo amplifier are connected, this set should be selected.
Note: PCM channel item can be set as long as "SPDIF / PCM" was selected. If LPCM coding sample rate of disc is lower than the one selected, then output is according to LPCM coding sample rate of the disc.	

OSD LANG

ENGLISH	FRENCH	SWEDISH
CHINESE	ITALIAN	RUSSIAN

Select language display of DVD system.

CAPTIONS

ON	OFF
----	-----

Select it to display or hide subtitles of the disc. (disc support is required).

Logo Type

Default

Display the default logo type.

Captured

Display the picture captured by customer.

AUDIO (Speaker Setup Page)

SPEAKER SETUP

DOWNMIX
Mode

LT / RT	Dolby stereo, distributing the sound from the middle and surrounding sound channels to the left and right stereo channels.
STEREO	Output left and right sound channel signal while playing disc.
V SURR	Left and right sound channels create surround sound effect.
OFF	The audio output 5.1 channel signal (support 5.1ch DVD disc only).

Dual Mono

Stereo / L-Mono / R-Mono / Mix-Mono (Choose dolby digital sound channel)

PREFER (PREFERENCE PAGE)

Note: Preference Set could be set only when no disc

TV TYPE

Pal TV / Multi / NTSC TV Select video output format (NTSC is recommended).

AUDIO

ENGLISH	SWEDISH	PORTUGUESE	RUSSIAN
FRENCH	SPANISH	GERMAN	CHINESE
ITALIAN	OTHERS		

Select language for playing (Disc support is needed).

SUBTITLE

ENGLISH	SWEDISH	PORTUGUESE	RUSSIAN
FRENCH	SPANISH	GERMAN	CHINESE
ITALIAN	OTHERS		

Select language for playing (Disc support is needed).

DISC MENU
LANGUAGE

ENGLISH	SWEDISH	PORTUGUESE	RUSSIAN
FRENCH	SPANISH	GERMAN	CHINESE
ITALIAN	OTHERS		

Select language for playing (Disc support is needed).

PARENTAL

1 KID SAF	2 G	3 PG	4 PG 13
5 PGR	6R	7 NCI 7	8 ADULT

Select display level.

DEFAULT

RESET

Resumes all function setup to previous from the plant.

PASSWORD SETUP PAGE

PASSWORD

Select sub-item "Change" in password options and press OK to enter password change page. As the right figure shows.

The screenshot shows a password change interface. On the left, there are three input fields: 'Old Password' (with a yellow highlight), 'New password', and 'Confirm Pwd'. Below these is an 'OK' button. To the right is a numeric keypad with digits 1-9 and 0. Below the keypad, the text 'Original PW:1389' is displayed.

Enter old password / new password / confirm PWD respectively and press OK.

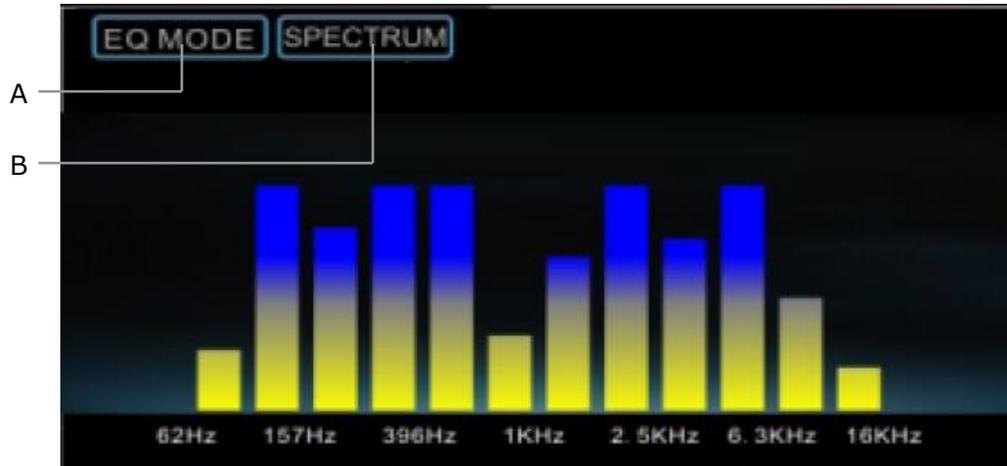
EXIT SETUP

EXIT

Press "EXIT" to exit setup menu.

Spectrum Display

When the system is left idle while playing music for 12 seconds, screen will change to spectrum display.

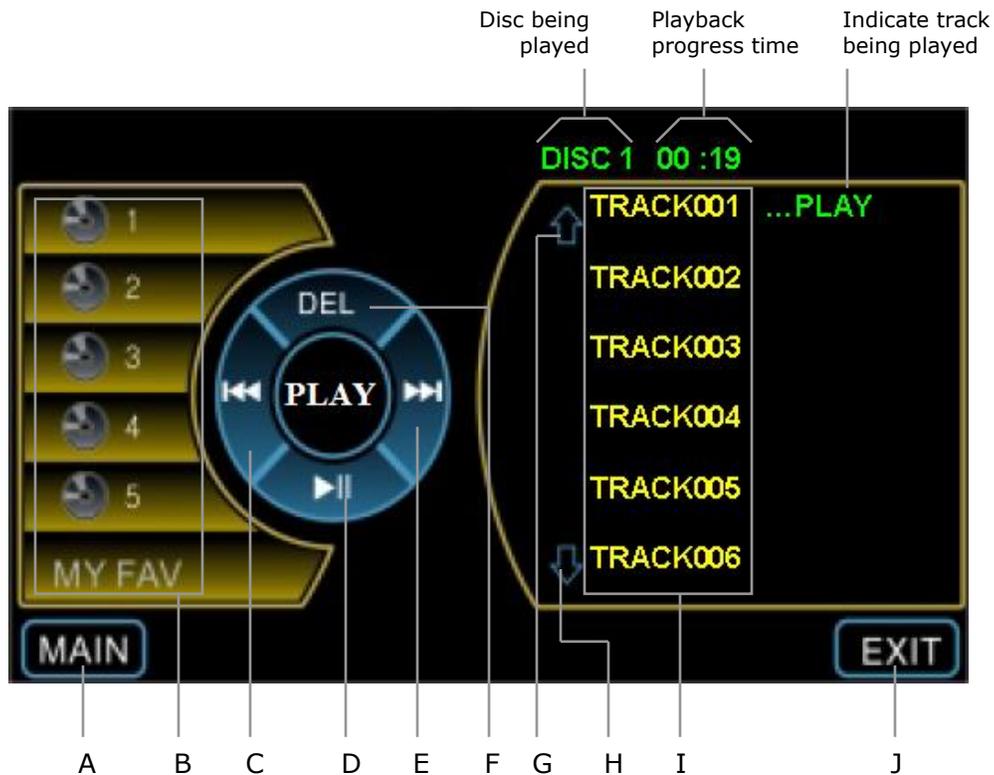


- A. Tap to select the desired equalizer mode between FLAT, CUSTOM, POP, ROCK, CLASSIC and JAZZ.
- B. Tap to select the desired spectrum theme.

Simply tap the screen (except **EQ MODE** or **SPECTRUM**) to go back to previous page.

VIR.CDC

The system allows you to rip an audio CD to its internal hard disk drive via VIR.CDC. After the audio CD is ripped, remove the audio CD from the system and you may play the songs from its internal hard disk drive. The ripped music files will be stored in MP3 format.



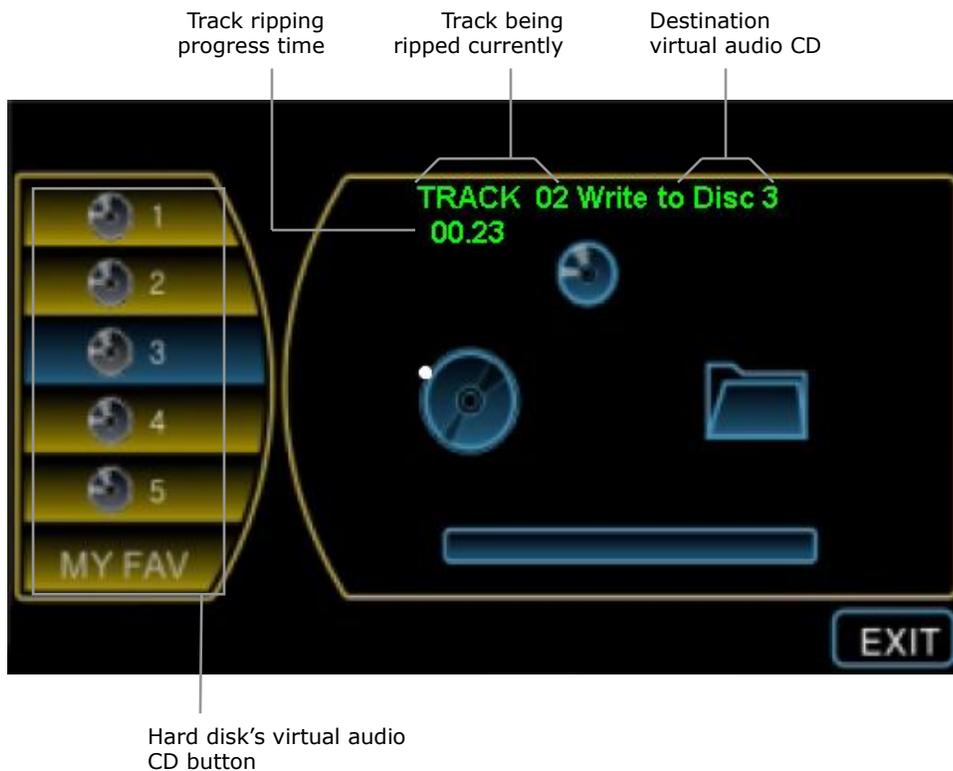
- A. Return to Main Menu.
- B. Hard disk's virtual CD. Select and tap the CD you would like to listen.
- C. Play previous track
- D. Play / Pause
- E. Play next track
- F. Delete selected track from hard disk.
To delete a track
 1. Tap **DEL**.
 2. Tap the track to be deleted.
 3. Tap **DEL** again to confirm the deletion.
- G. Page up
- H. Page down
- I. Track list
- J. Return to Spectrum display.

Ripping An Audio CD To The System Internal Hard Disk

1. Insert an audio CD to the system.
2. Tap the screen to display the media playback menu buttons as shown below.

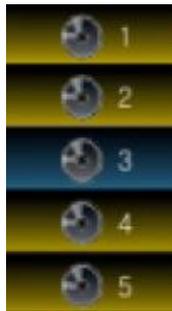


3. Tap **SAVE**.
4. System will enter VIR.CDC ripping interface as below.



5. Select and tap virtual audio CD button to start ripping the audio CD. You may rip up to 5 audio CDs to the system. You may also rip selected song to **MY FAV**.

Note

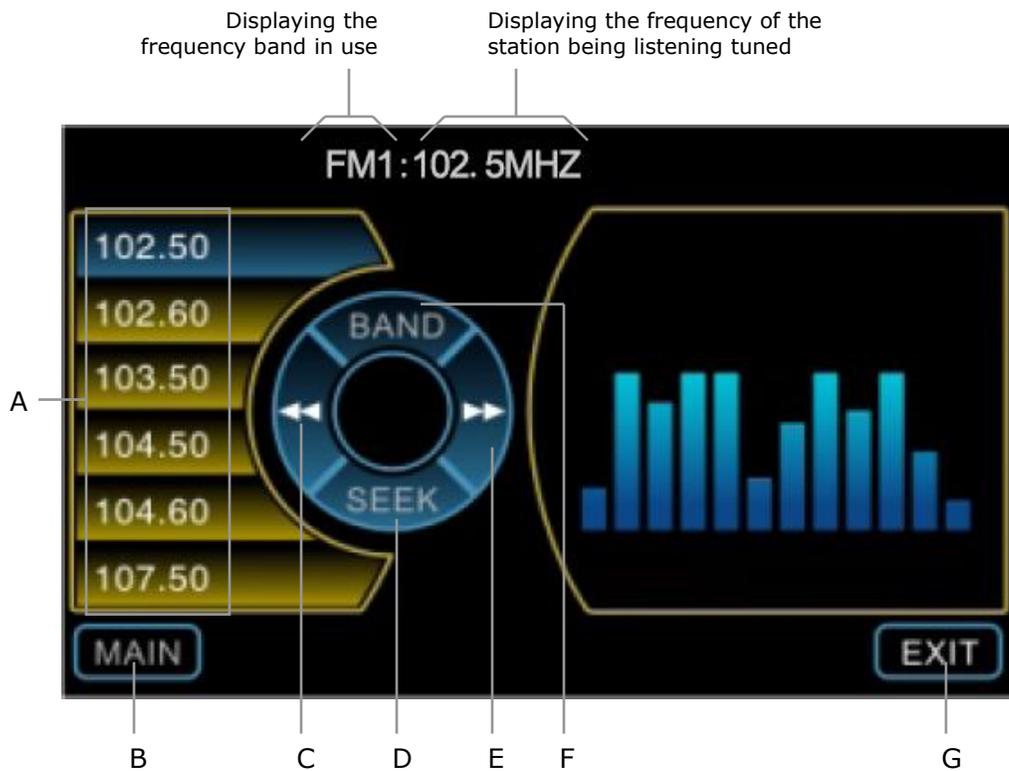


When an audio CD is ripped to the hard disk via virtual audio CD button 1 to 5, the system will rip the entire source audio CD starting from the first track.

However, if **MY FAV** is selected, the system will only rip the song that is currently being played. You may rip up to 60 songs.

To stop ripping, tap **EXIT** twice.

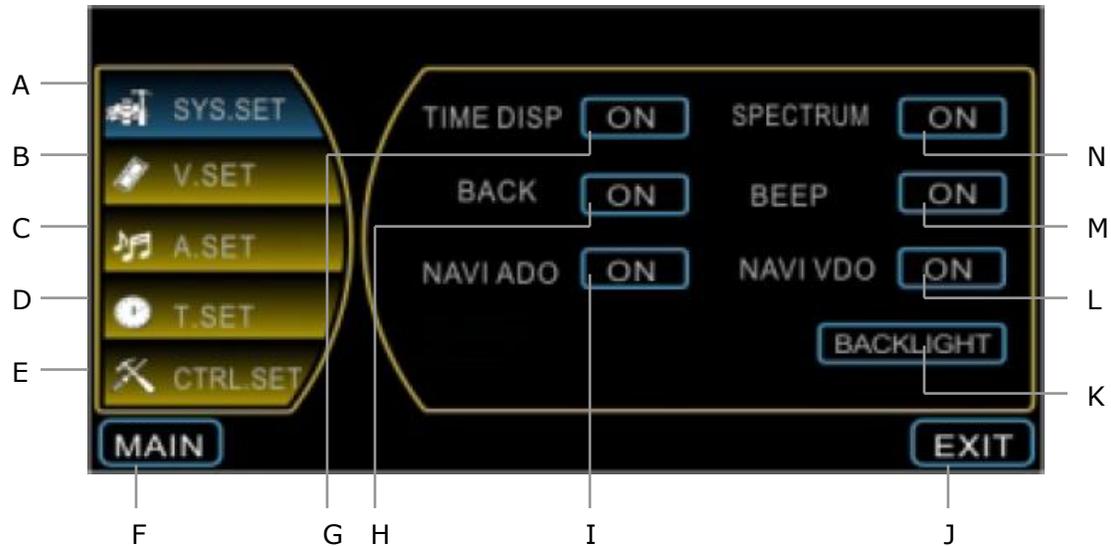
RADIO



- A. Preset stations. To save a station, tune to the desired frequency using search station button (C) or (D) then tap and hold the preset station button for 2 seconds to save the station. To tune to the saved station, simply tap the preset station.
- B. Return to Main Menu.
- C. Auto tuning (frequency in ascending order). Tap once and the tuner will search the next available station by frequency in ascending order.
- D. Search stations and save automatically. Tap this button and system will search for all available station and saving it to preset stations automatically.
- E. Auto tuning (frequency in descending order). Tap once and the tuner will search the next available station by frequency in descending order.
- F. To select the frequency band. There are 3 FM bands (FM1, FM2 and FM3) and 1 AM band. Each band contains 6 stations.
- G. Return to previous function.

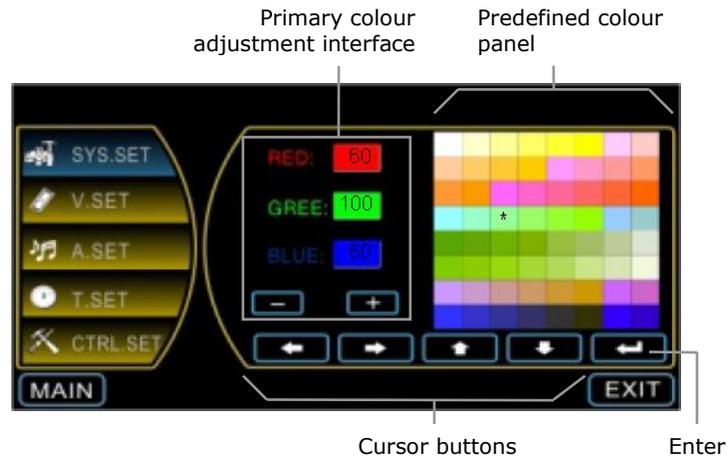
SETTING

System Setup



- A. System setup
- B. Video setup
- C. Audio setup
- D. Time setup
- E. Control setup
- F. Return to Main Menu.
- G. Time Display. Select ON to allow the time to be displayed on the screen.
- H. *To activate rear camera.*
**Optional (This function is not available for this version)*
- I. When this function is enabled, the system will play music file whenever there's no turn instruction given by the navigation software during navigation.
- J. Return to previous function.

- K. To set the colour of the system's hardware button backlight.

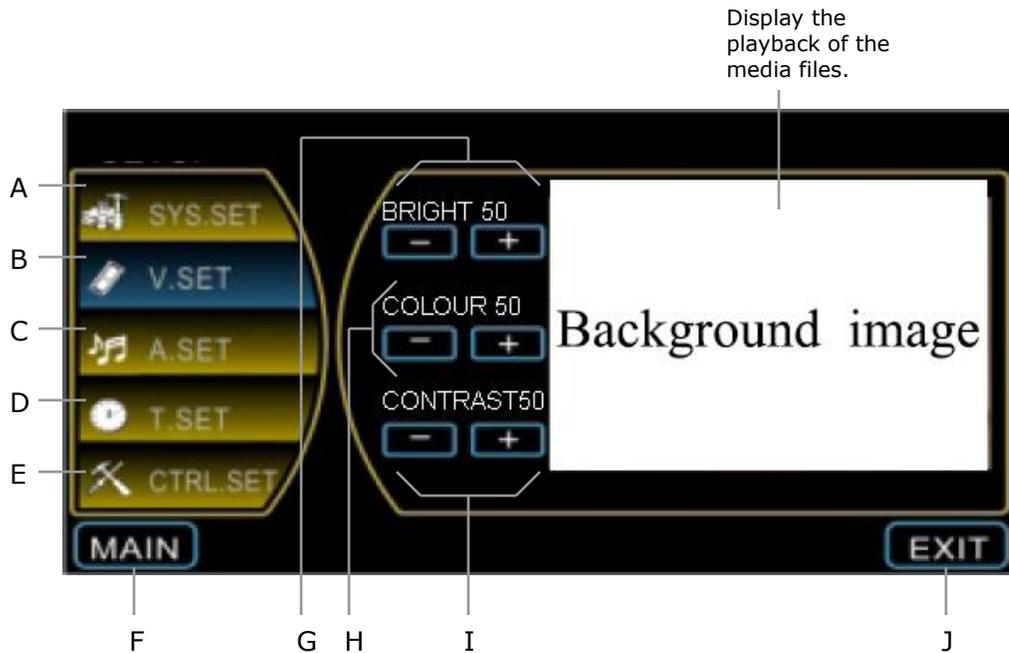


You may select the desired colour from the predefined colour panel. To select a colour, use the cursor buttons to move the asterisk symbol to the desired colour. Then, tap Enter. Alternatively, you may tap the desired colour at the predefined colour panel for quicker selection.

You may also customize your own colour which is not listed in the predefined colour panel by using the primary colour adjustment interface. Tap the respective colour box (with numerical figure), then tap **-** to reduce and **+** to increase its value.

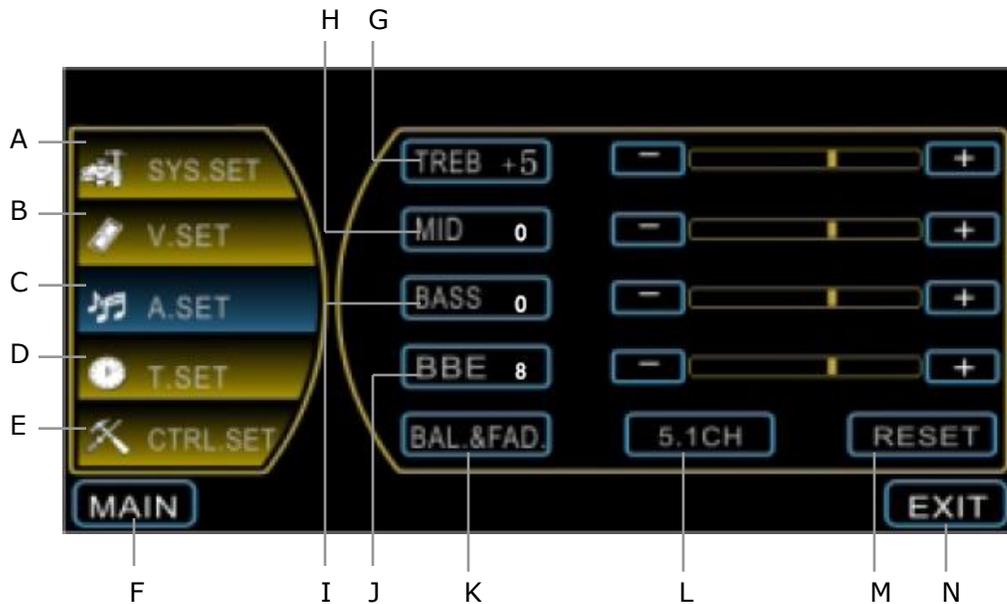
- L. When this function is enabled, the system will play video file whenever there's no turn instruction given by the navigation software during navigation.
- M. Beeping sound when menu buttons are tapped.
- N. Tap ON to display Spectrum page when music files are played. Please go to page 30 for details.

Video Setup



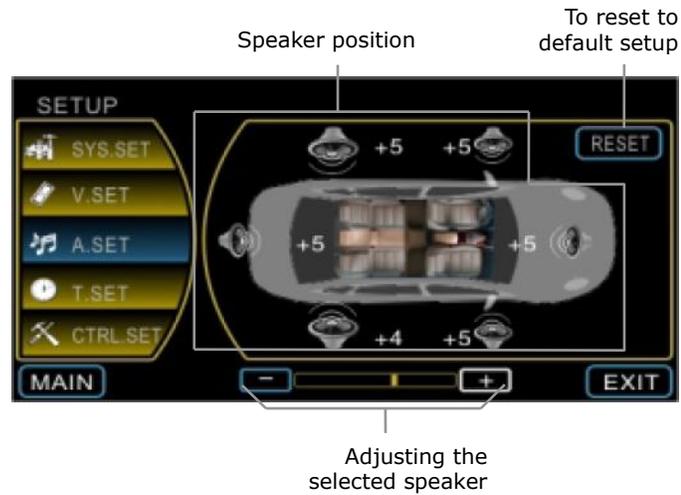
- A. System setup
- B. Video setup
- C. Audio setup
- D. Time setup
- E. Control setup
- F. Return to Main Menu.
- G. To set the brightness of the playback videos and images. Tap **-** to reduce the brightness and **+** to increase it.
- H. To set the colour intensity of the playback videos and images. Tap **-** to reduce the colour intensity and **+** to increase it.
- I. To set the contrast of the playback videos and images. Tap **-** to reduce the contrast and **+** to increase it.
- J. Return to previous function.

Audio Setup



- A. System setup
- B. Video setup
- C. Audio setup
- D. Time setup
- E. Control setup
- F. Return to Main Menu.
- G. Treble. Tap **-** to reduce and **+** to increase it.
- H. Mid. Tap **-** to reduce and **+** to increase it.
- I. Bass. Tap **-** to reduce and **+** to increase it.
- J. Stands for Barcus-Berry Electronics. Employing BBE Sound technology to improve the sound quality. Tap **-** to reduce and **+** to increase it.

K. Balance & fading



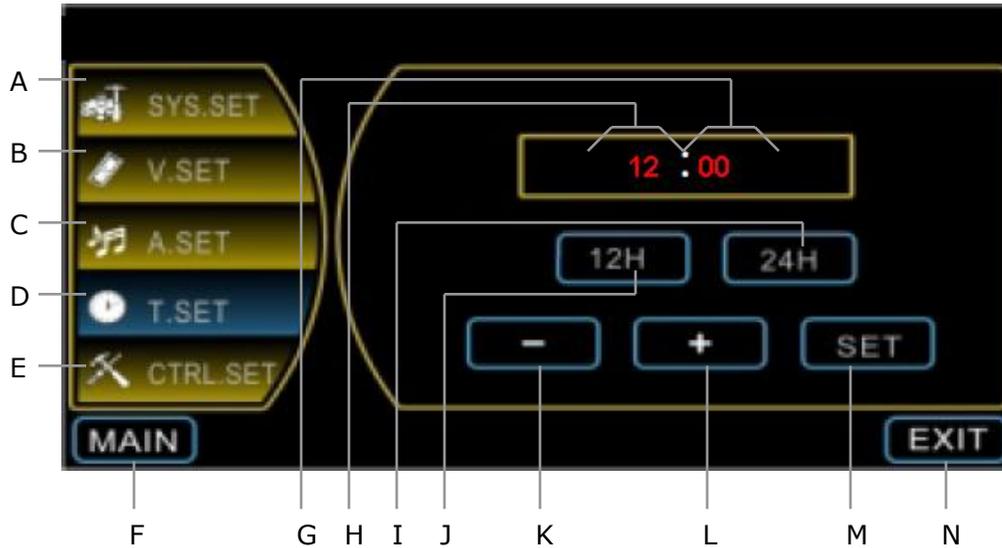
To adjust, select and tap the speaker icon  of the desire position. Then, tap  or  to adjust.

L. To enable or disable 5.1 channel surround sound capability.

M. Reset. Tap this button to reset all audio setup to its original setup.

N. Return to previous function.

Time Setup

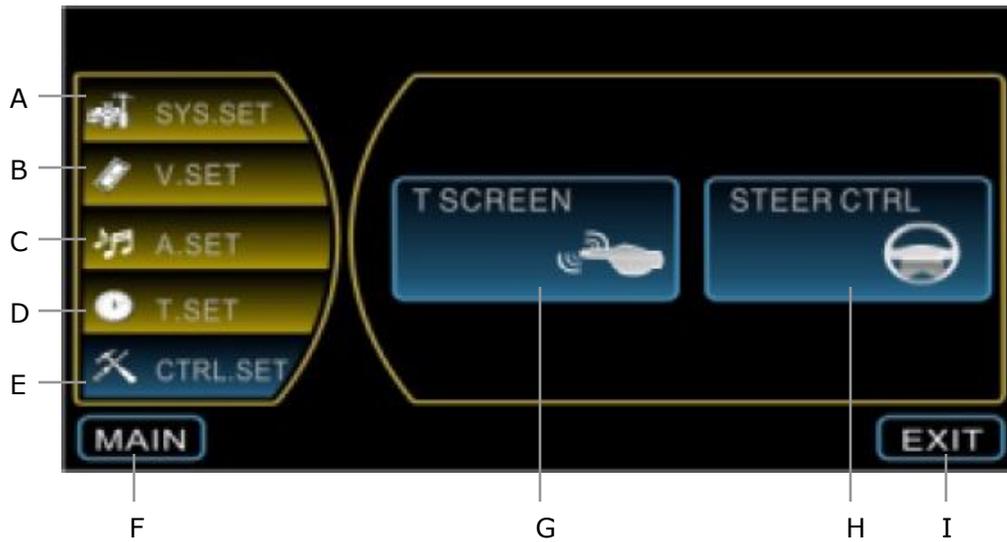


- A. System setup
- B. Video setup
- C. Audio setup
- D. Time setup
- E. Control setup
- F. Return to Main Menu.
- G. Minute display
- H. Hour display
- I. Displays the time in 24 hour system.
- J. Displays the time in 12 hour system.
- K. Tap to adjust the hour or minute in descending order.
- L. Tap to adjust the hour or minute in ascending order.
- M. Tap to confirm the adjusted time.
- N. Return to previous function.

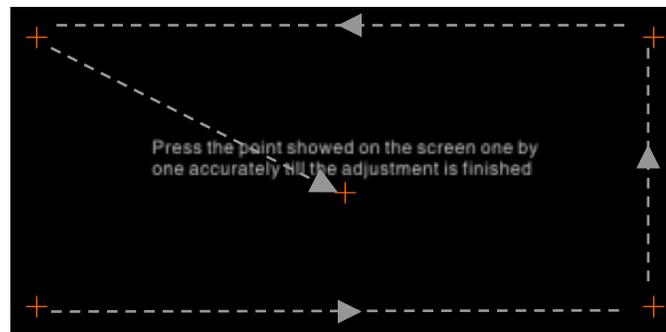
Adjusting The Time

1. To adjust the "minute", tap (G). The "minute" display will blink. Tap (K) or (L) to adjust.
2. To adjust the "hour", tap (H). The "hour display will blink. Tap (K) or (L) to adjust.
3. Finally, tap (M) to confirm the setup

Control Setup



- A. System setup
- B. Video setup
- C. Audio setup
- D. Time setup
- E. Control setup
- F. Return to Main Menu.
- G. Touch screen calibration

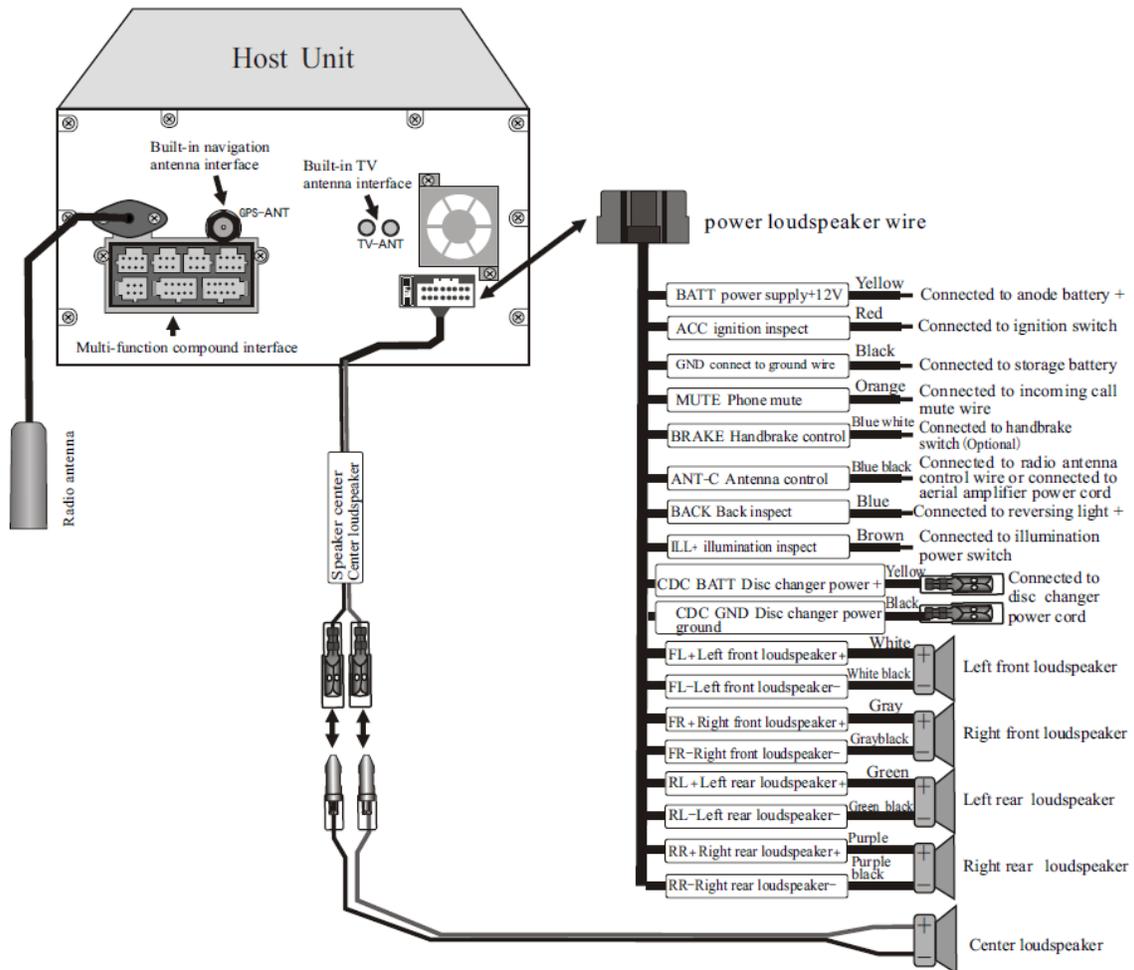


Please perform screen calibration to correct the preciseness of the touch screen. Press and briefly hold a stylus or any similar non-marking instrument to the center of the target. Repeat as the target moves around the screen. When the calibration is completed, simply tap anywhere on the screen to exit.

- H. *Steering control calibration.*
**Optional (This function is not available for this version)*
- I. Return to previous function.

Connection Diagram

- Please ensure that all wires are connected to the correct interface as shown in this connection diagram.
- Please cover the audio and video's insulation casing to prevent short-circuit.



Specifications

System	Working voltage	DC 10V-15V
	Working current	max 15A
	Standby current	< 6mA
	Working temperature	-20°C to 60°C
	Reserve temperature	-30°C to 80°C
	Video system	Auto PAL / NTSC / SECAM
	Screen dimensions	157.20 (W) x 82.80 (H) mm 800 x 480 pixels
	Weight	2.5kg
	Media storage	Disc (DVD, VCD & audio CD), SDMMC card and USB flash drive. Max 2GB.
Radio	Frequency range	FM 87.50MHz to 108MHz AM 522kHz to 1620kHz
	Station preset	18 FM stations 6 AM stations
	Search mode	Automatic / Manual
DVD	Video output	1 ± 0.2Vp-p (75Ω)
	Disc	Diameter 12cm
	Compatible format	DVD / VCD / Audio CD / MP3 / WMA / JPEG / MPEG4
Audio	Channel imbalance	≤ 2dB
	Separation	≥ 45dB
	Frequency response	20Hz ~ 20KHz (± 3dB)
	Tone control	Bass 100Hz ± 8dB Mid 1KHz ± 8dB Treble 10KHz ± 8dB
Amplifier	Test voltage	13.8V
	Max output power	5 X 45W
	Speaker resistance	4 Ω (4-8 Ω could be accepted)
GPS	GPS Frequency	1.57524GHz
	Channels	50
	Sensitivity	- 160 dBm
	Precision	Position: < 10 meters
	Capture time	Hot start: ≤ 2 sec, average Warm start: ≤ 30 sec, average Cold start: ≤ 30 sec, average
	Refreshing rate	1/sec

For the latest version of this manual, please
visit www.lokatoo.com

Amtel Cellular Sdn Bhd (278151-D)
No 5, Jalan PJS 7/19, Bandar Sunway,
46150 Petaling Jaya, Selangor D.E., Malaysia.
Tel: 03-5632 6788 Fax: 03-5632 5678
E-mail: customerservice@lokatoo.com
Customer Service Hotline: 1 800 88 0308