


Release Date:2008/06/05
(Draft Only)











MAIN MENU Operation

■ BUTTON FUNCTION DESCRIPTION




1. When the XM2000 Module is connected to the head unit, pressing  will go into XM mode, When the Sirius SC-C1 Module is connected to the Head Unit, then

pressing  will go into SIRIUS mode.


2. Pressing  will go into NAVI mode.
3. Pressing  will go into DVD mode
4. Pressing  will go into HD Radio mode
5. Pressing  will display the left additional part of the MENU
6. Pressing  will display the right additional part of the MENU
7. Pressing  will go into USB Media play mode
8. Pressing  will go into SD media play mode


9. Pressing  will go into iPod mode


10. Pressing  will open Bluetooth menu



11. Pressing  will view the Camera image

12. Pressing  will go into AUX IN 1 mode

13. Pressing  will go into AUX IN 2 mode

14. Pressing  will go into System Setup menu

HDRadio (FM/AM) Operation

■ BUTTON FUNCTION DESCRIPTION




1. Current Source information.
2. Touch to return to **MAIN** menu.
3. Radio Frequency Indicator
4. HD Radio Logo: Show this Logo when find HD Radio Signal.
5. Touch to change among AM/FM.
6. Auto Store/Preset Scan.
7. Scan all channel.
8. HD seek down.
9. HD seek up.
10. Touch to hide function button.







11. Information of the channel the playing back currently .You can touch to change their items among ROGRAM ,TITLE ,ARTIST ,GENRE and COMMENT.
12. Touch to show function button.
13. Touch to seek backward
14. Touch to seek forward.
15. Touch to tune backward one step.
16. Touch to tune forward one step.
17. Label of current channel/number of available ,channels, touch to change the channel.
18. Touch to show previous page of Preset Radio Stations.
19. Touch to show next page of Preset Radio Stations.
20. Volume control.
21. Preset Radio Stations: Touch to recall preset stations or touch and hold to store a station.

■ **Select FM/AM Band**



Touch the BAND mode on the screen, or press the BAND button () on the remote Control to change among the following bands: FM、 AM.

■ **Auto Tuning**

Press the button () on remote control or touch the  button on the screen to seek the next available channel by increasing the tuning frequency. Press the button again to stop searching.

Press the button () on the remote control or touch the  button on the screen to seek the next available channel by decreasing the tuning frequency. Press the button again to stop searching.

■ **Manual Tuning**

Touch the  or  to increase or decrease the tuning frequency one step.

■ Using Preset Stations

15 numbered preset buttons store and recall stations for each band. First 5 stored stations (P1-P5) for the current band appear on the screen, touch the channel directly to select.

You can touch the arrow buttons   on the screen to see the other 10 preset stations.

Storing a Station


1. Select a band (if needed), then select a station.
2. Touch and hold an onscreen preset button (5) for three seconds. The preset number appears at the top of the screen.

Recalling a Station



1. Select a band (if needed).
2. Touch an on-screen preset button (5) to select the corresponding stored station.



■ Auto Store (AS)

Press and hold the  button on the screen to automatic scan and store strong radio stations in the 15 preset channels in the current band.

■ Program Scan (PS)

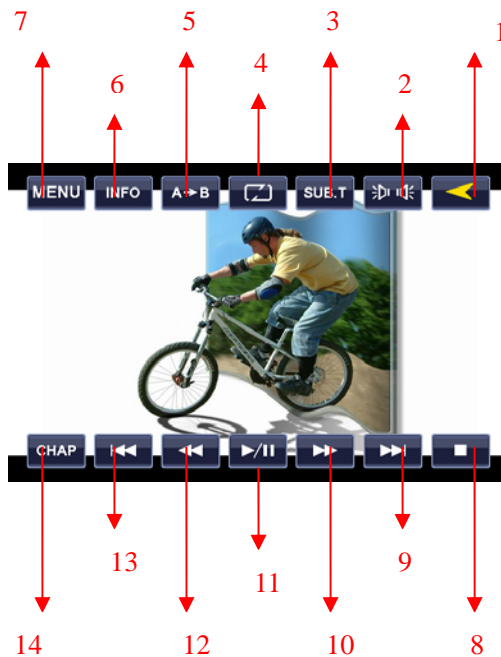
1. Press the  button on the screen. Scan the stations in the 15 preset channels in the current band.
2. Touch the  button on the screen to automatic scan all channels in current band.
3. Press any button to stop scanning and listen to the selected station.

DVD Player Operation

■ DVD Mode

The Unit will auto switch to DVD mode when a disc is inserted. Or press the DVD button on the front panel or DVD ICON on the MAIN MENU


■ BUTTON FUNCTION DESCRIPTION




1. Touch to access Main Menu.
2. Touch to switch among LEFT, RIGHT, STEREO.
3. Touch to display Sub-title.
4. Touch to repeat playback.
5. Touch to repeat from A to B. Select the repeat point A wherever you want to start and the point B wherever you want to end, then, DVD displays from A to B continually.
6. Touch to Show play information.
7. Touch to return to DVD main menu.
8. Touch to stop.
9. Touch to play Next.
10. Touch to fast forward.
11. Touch to Play/Pause.
12. Touch to fast reverse.
13. Touch to play previous.
14. Touch to GOTO Search.
15. Make use of these buttons to access a chapter/Track directly.

■ Controlling Playback


Stopping Playback

Touch the stop button  on the screen or press the (BAND) button on the remote control to stop DVD play and touch the play/pause button on the screen or the (OK) button on the remote control to resume disc play.

Pausing Playback

Touch the play/pause button  on the screen to suspend or resume disc play.

Repeat Playback

Press the **Repeat** button  on the screen or on the remote control to alter repeat mode according to the following:

- DVD: Repeat Title, Repeat Chapter, Repeat Off
- CD (PBC Off): Repeat Single, Repeat Off
- MP3: Repeat Single, Repeat Folder, Repeat Off

Sectional Repeat Function (A-B)

Use the A-B function to define a specific area of a disc to repeat.

- Press the **Repeat A-B** button (A→B) on the screen or on the remote control to set the start point (A) of the repeated section.
- Press the **Repeat A-B** button (A→B) again once you reach the desired end point (B) of the repeated section. The selected portion of the DVD will now repeat continuously.
- Press the **Repeat A-B** button (A→B) again to cancel the A-B section setting and stop repeat play.

■ Accessing the DVD Menu


Press any place of the DVD screen.


■ Moving Through Chapters

Press the (▶▶) button on the remote control to advance to the next chapter on the DVD.

Press the (◀◀) button on the remote control to move to the previous chapter on the DVD.

■ Fast Forward/Fast Reverse

Press the (▶▶) button on the remote control or touch the  on the screen to fast forward. Keep pressing or touching and releasing the button to increase the rate from "2X" to "4X", "8X", and "20X".

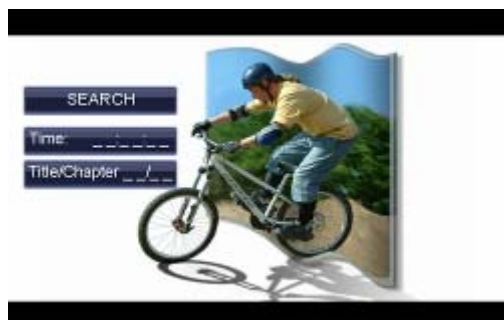
Press the (◀◀) button on the remote control or touch the  on the screen to fast reverse. Keep pressing or touching and releasing the button to increase the rate from "2X" to "4X", "8X", and "20X".

■ GOTO Search

During DVD or CD playback, perform the following steps to use the GOTO feature to access a specific location on a disc:

1. Press the "-/--" button on remote control or touch the F Area on the screen to enter "GOTO" mode.
2. Press the (▲/▼) buttons on the remote control to select a category.

- For DVD mode, you can choose Time or Title/ Chapter search.
- For CD mode, press the“-/--”button to choose between Track Search ,Disc Search and Exit.

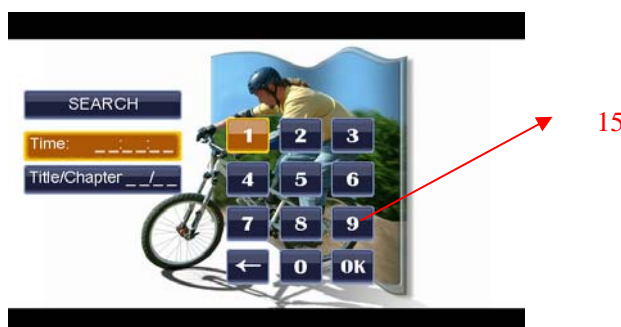


DVD Search

Time --- Go to specific time in current title

Title/Chapter ----Go to specific chapter in a title.

3. Touch the () / (--- / ---) area on the screen to display a numeric keypad on the touch screen.
4. Enter a time/Track number into the field using the numeric keypad on the remote control or on the screen.



5. Press the **OK** button on the remote control or on the touch screen to go to the specified location on the disc.
6. Press the “-/--”button on the remote control or the “ESC” to exit.

■ Direct Chapter / Track Selection


During DVD, VCD and CD playback, you can use the numeric keypad on the remote control to access a track directly.

■ Viewing an Alternate Picture Angle (DVD Only)

Some DVDs contain scenes that have been shot simultaneously from different angles. For discs recorded with multiple angles, press the (**ANGLE**) button on the remote control to toggle available angles of the on-screen image.


■ Multi-Language Discs (DVD Only)

Changing Audio Language

If you are watching a disc recorded in multiple languages, press the **(AUDIO)** button on the remote control to choose a language. You also can touch the area E, and then touch the  button.

NOTE: During CD playback, press the **(AUDIO)** button on the remote control to choose between Left Channel, Right Channel, and Stereo.

Changing Subtitle Language

If you are watching a disc recorded in multiple languages with subtitles, press the **(SUBT)** button on the remote control to choose the language in which you would like the subtitles to appear. You also can touch the area E, and then touch the  button.

■ Playback Information

During DVD and CD playback, press the **(INFO)** button on the remote to display playback information on the screen, including the media playing and current playback time.





■ DVD Playback Information

The following information is displayed at the top of the screen during DVD playback:




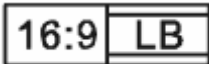

① 	② 	④ 	⑤ 	⑦
DVD	T:1/1 C:1/31	00:01:35	User Level 3	AM08:06 Rear:Off
	③			⑥

1. indicates Current playing source.
2. Indicates the fourth of 16 titles on the DVD is currently playing.
3. Indicates the first of 20 chapters on the DVD is currently playing.
4. Indicates the playback time of the current title.
5. Indicates EQ setting (or decoding mode when listening to a DVD with 5.1 surround sound.)
6. Indicates the Loud Setting.
7. Indicates the current system time.

■ General Disc Information

Symbol	12cm Disc Properties	Max Play Time
 	Single side single layer (DVD-5) Single side double layer (DVD-9) Double side single layer (DVD-10) Double side double layer (DVD-18)	(MPEG 2 Method) 133 minutes 242 minutes 266 minutes 484 minutes
	Single side single layer (VCD)	(MPEG 1 Method) 74 minutes
	Single side single layer	74 minutes

Disc Symbols

Symbol	Meaning
	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
	Number of subtitle languages available on the disc (maximum of 32).
	Number of angles provided (maximum of 9).
	Aspect ratios available. "LB" stands for Letter Box and "PS" stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video.
	Indicates the region code where the disc can be played. <ul style="list-style-type: none"> • Region 1: USA, Canada, East Pacific Ocean Islands • Region 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East • Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia • Region 4: Australia, New Zealand, Middle and South America, South Pacific Ocean Islands/ Oceania • Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, North-West Asia • Region 6: Mainland China • ALL: All regions

CD/MP3/WMA Operation

■ BUTTON FUNCTION DESCRIPTION



- 16. Touch to display the numeric keypad on the screen, and then you can use the numeric keypad to access a track directly.
- 17. Touch to repeat playback.
- 18. Touch to activate/deactivate Random Mode.
- 19. previous Page
- 20. Volume control
- 21. Next Page
- 22. Current track and total number of tracks on disc.
- 23. EQ
- 24. Track title , touch to play the track.
- 25. Touch to Play/Pause.

■ Playing CD Files

After inserting a CD disc, files will play in the sequence of the all directory. In playing back, you can press the numeric button on the remote control or touch a track on the onscreen directly to play.

Fast backward/fast forward

Touch the  or  on the screen to fast backward or fast forward play.

■ P3/WMA Discs



Press Button on the right



■ Playing MP3/WMA Files


After inserting a MP3/WMA disc, files will play in the sequence of the all directory. In playing back, you can press the numeric button on the remote control or touch a track directly to play.

XM Operation


This function is available when a XM Satellite Radio Receiver is connected through the dedicated connection.

■ BUTTON FUNCTION DESCRIPTION




1. Touch to access Main Menu.
2. Current channel label.
3. Current source name.
4. Information of the channel the playing back currently .You can touch to change their items among CH NAME, CATEGORY , CHAN/CAT.
5. Title of the channel the playing back currently.
6. Name of the channel the playing back currently.
7. Previous channel
8. Next channel
9. Touch to display the numeric keypad on the screen to access a channel directly.
10. Touch to store current channel. (If current channel is already in the PRESET list, this button will become , and press it will delete the current channel from the PRESET LIST)
11. Touch to show previous page of current list.
12. Volume control.
13. Touch to show next page of current list.
14. Signal Indicator.

■ Accessing the XM Mode

Access the **MAIN** menu first and then touch the  button on the screen to access XM mode.

■ Back Button

Press  will go back to Main menu, and XM is still running until you select a new source.

■ View all channels available

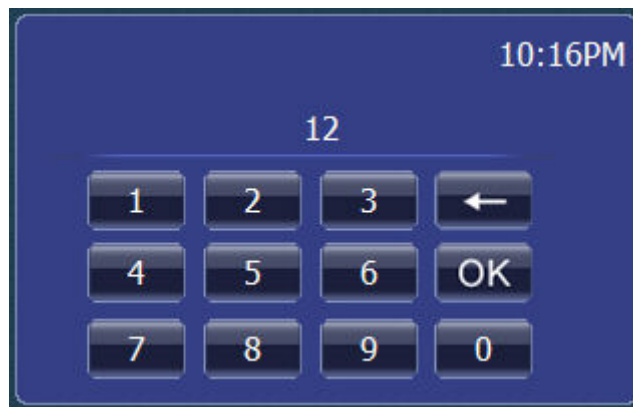
In XM screen press “ALL CHANNEL” will list out all available channels.

■ View all categories available

In XM screen press “CATEGORY” will list out all available categories.


■ Select a channel directly

Press  and input the channel number you want and press “OK”.




■ Save channel to Preset

There are two ways:


15. If the current channel is not in Preset List, you can press  button to store the current channel to the first empty preset memory.
16. If the current channel is not in Preset List, you can press PRESET to display Preset List and then find an empty preset list space and hold it for 3 seconds, then the current channel will be stored to this space.

■ Delete Preset Channel

There are two ways:

1. In Preset list and select the channel you want to delete, then press , this channel will be deleted from the Preset List.
2. If you want to replace a current new channel to one of the used Preset List space, you can hold the List and then the old one will be replaced by the new one, and old one will be deleted.

■ Go into Diagnoses mode

Press  and input 999 and press OK, after that you will see the DIAGNOSE screen below.



SIRIUS Operation

This function is available when a Sirius Satellite Radio Receiver is connected through the dedicated connection. This unit requires the following receiver:

- SIRIUS Satellite Radio Receiver: SC-C1

Note:

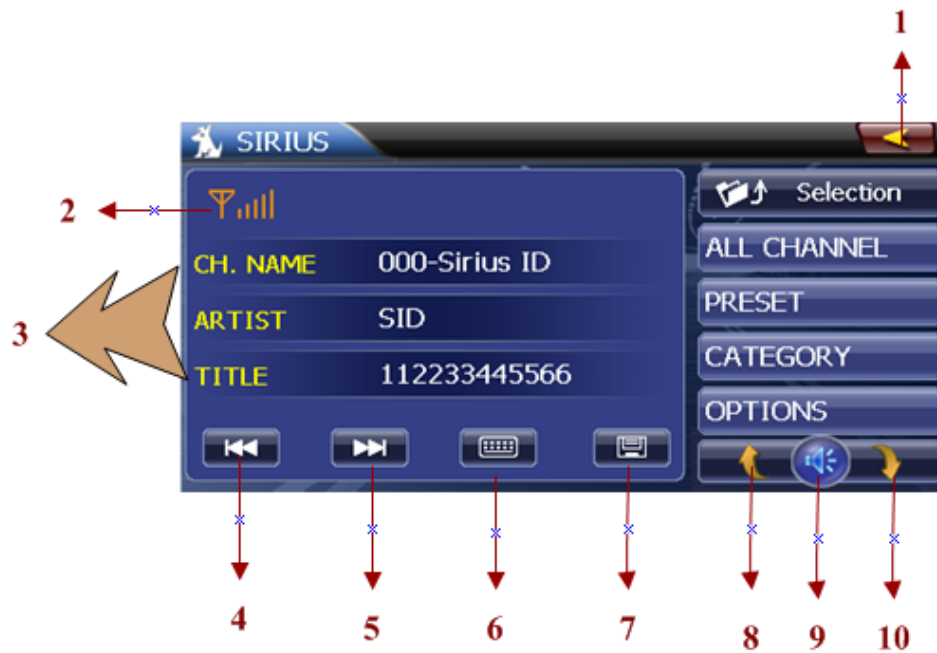
SIRIUS satellite radio is a subscription service.

Please contact Sirius Radio to begin or alter your subscription:

Internet: www.sirius.com

Telephone: 888-539-SIRIUS (747487)

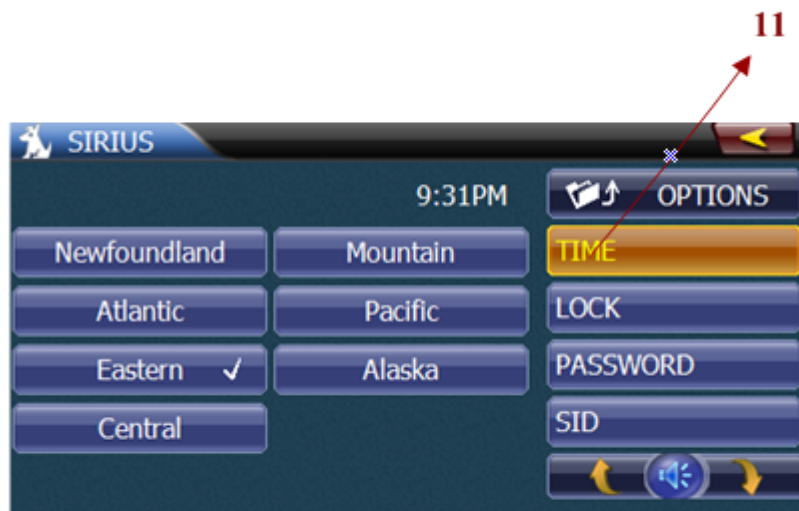
■ **BUTTON FUNCTION DESCRIPTION**



1. Touch to access Main Menu.
2. Signal Indicator.
3. SID or Information of the channel the playing back currently .You can touch to change their items among CHAN./CATE , CATEGORY , CHAN.NAME ,ARTIST , TITLE.
4. Previous available channel.
5. Next available channel.
6. Touch to display the numeric keypad on the screen to tune to a channel directly, same as XM mode.
7. Touch to store current channel, same as XM mode.
8. Touch to show previous page of current list.
9. Press to display EQ Setting screen.
10. Touch to show next page of current list.

■ **OPTIONS Function**

Press "OPTIONS" to go into SIRIUS Setting mode. See below.

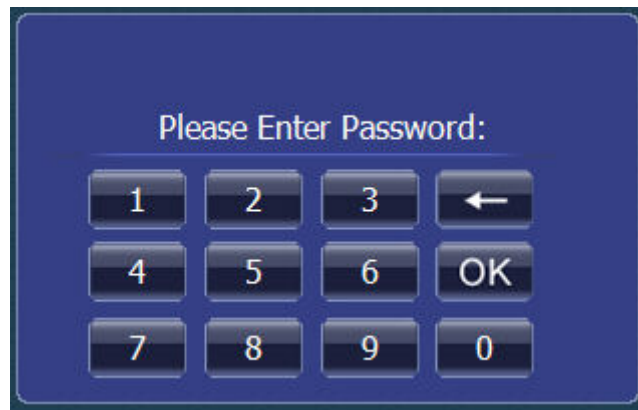


11. Press "TIME", and you can select different TIME ZONE and the time will be synchronized from the satellite.



■ **PARENT LOCK MODE(NEED INPUT PASSWORD):**

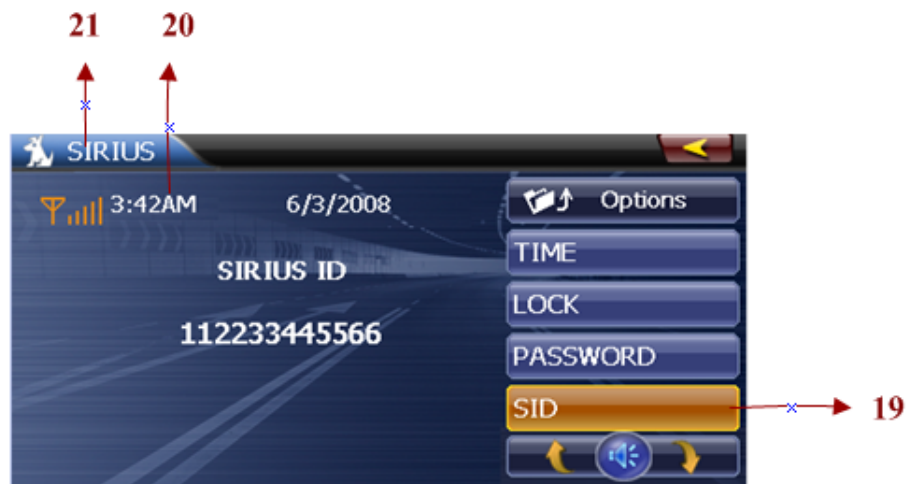
- 12. Previous page.
- 13. Next page.
- 14. Lock list. Touch to lock the channel.
- 15. Touch to go into PARENT LOCK mode, you need to input a correct password.



- 16. Press to set the PASSWORD or remove the PASSWORD
- 17. Set Password



- 18. Remove password



19. Press to display Sirius ID.

- **View all channels available**

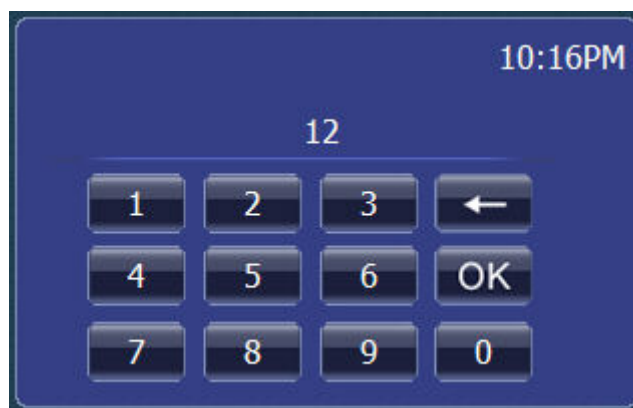
In SIRIUS screen press “ALL CHANNEL” will list out all available channels.

- **View all categories available**

In SIRIUS screen press “CATEGORY” will list out all available categories.


- **Select a channel directly**

Press  and input the channel number you want and press “OK”.



- **Save channel to Preset**

There are two ways:

1. If the current channel is not in Preset List, you can press  button to store the current channel to the first empty preset memory.
2. If the current channel is not in Preset List, you can press PRESET to display Preset List and then find an empty preset list space and hold it for 3 seconds, then the current channel will be stored to this space.

- **Delete Preset Channel**

There are two ways:

3. In Preset list and select the channel you want to delete, then press **Del**, this channel will be deleted from the Preset List.
4. If you want to replace a current new channel to one of the used Preset List space, you can hold the List and then the old one will be replaced by the new one, and old one will be deleted.

iPod Operation

■ BUTTON FUNCTION DESCRIPTION



1. Touch to access Main Menu.
2. EQ status.
3. Current source name.
4. Current track and total number of tracks on disk.
5. Current song name.
6. Seek bar
7. Touch to display a numeric keypad on the screen to access a track directly.
8. Touch to activate/deactivate Repeat Single Mode.
9. Touch to activate/deactivate Random Mode.
10. Touch to go into playing video mode
11. Scan play.


12. Hide the tool bar.
13. previous Page
14. Volume control
15. Next Page




16. Touch to play previous song.
17. Touch to Play or Pause.
18. Touch to play Next song.
19. Touch to stop playing


■ Accessing the iPod Mode



In MAIN MENU and press  button on the screen or press “iPod” button on the front panel to access iPod mode.

■ Video Player


If there are some valid video in iPod and the iPod has been connected to the UNIT, you should play the video in iPod first and then press . Ensure that your iPod TV OUT setting is turned ON. Otherwise video playing in the iPod will not be displayed on the UNIT screen.

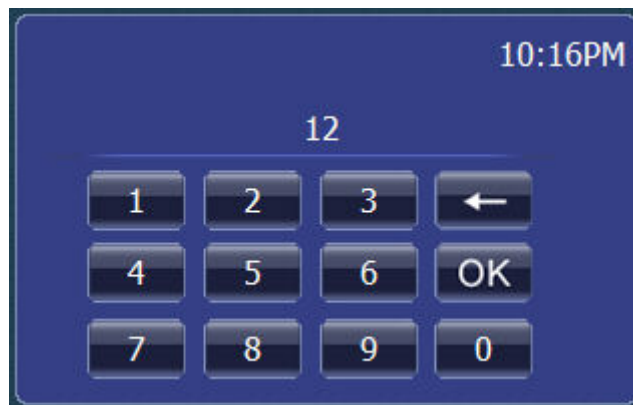
However, you can return to listen to your music by pressing the  button again.

The Video mode is showed below





■ Select the song directly with the Number Key Pad


Press  and input the song number and press OK.




■ Repeat Play Mode

Pressing  one time can repeat playing current song , and pressing  twice can repeat playing the songs in current directory.

■ Random Play Mode


Pressing  can random play the songs in current directory.

■ Scan Play Mode

Pressing  can go into SCAN mode, every song will be played only 10 seconds one by one.

Bluetooth Operation

■ Accessing the Bluetooth Mode

In MAIN MENU and press  button on the screen to go into Bluetooth mode.

■ Bluetooth User Interface



Dial Interface

1. Touch to access Main Menu.
2. Bluetooth Signal Indicator
3. Touch the number to initiate the phone call.
4. Delete all input number
5. Touch to end a call.
6. Touch to answer an incoming call or dial a call.
7. Touch to access the dial interface
8. Touch to access the Call Dial interface
9. Touch to access the dial A2DP interface
10. Pairing with a Bluetooth supported phone。
11. Touch to switch the audio output between the unit and the mobile phone.

■ Calling Log

Press the  button to access the Phone Book.



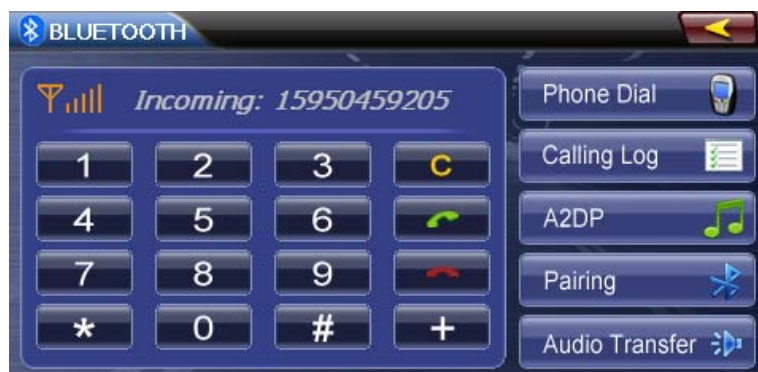
You can see phone book list, dialed call list, received call list, missed call list.
If the number has been stored in the Calling Log, touch the number to initiate the phone call

NOTE: Not all Bluetooth supported phones support this feature


■ Answering an incoming call

You can answer an incoming call in any source mode.

When a call comes in, this interface will display on the screen:




■ End a call

Press the **ESC** button on the remote or touch the  icon to end a call.

NOTE: Not all handsets are compatible with the Bluetooth hands free system. Please check the compatibility list if you are experiencing connectivity problems. If you are experiencing operation problems, please contact your installation center for assistance. You may have an incompatible handset and your unit is functioning normally.

■ A2DP Function

Touch the  button to enter the A2DP Function. The songs in the A2DP supported phones can be played from this function.

When there is a coming call, the screen will go back to coming call screen and the song will paused. After the coming call is ended, then the screen will go to A2DP again and continue to playing the song.



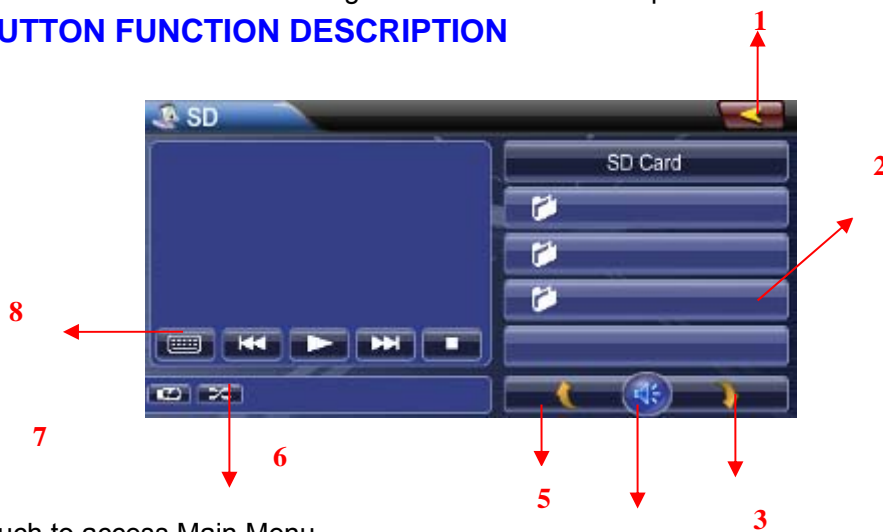
1. Touch to play/pause.
2. Touch to play previous.
3. Touch to play Next.

NOTE: Not all of the phones support this function.

SD Operation

Please insert a SD CARD with songs to the slot of the front panel.

■ BUTTON FUNCTION DESCRIPTION



1. Touch to access Main Menu.
2. Touch to enter the folder.
3. Next Page.
4. Volume control.
5. Previous Page.
6. Touch to activate/deactivate Random Mode.
7. Touch to repeat playback.
8. Touch to display the numeric keypad on the screen, and then you can use the numeric keypad to access a song directly.

■ Select a folder and Play



9. Show current folder, touch to come back superior folder.
10. Touch to stop
11. Touch to play Next.
12. Touch to play/pause.
13. Touch to play Previous..

USB Operation

Please plug in an USB Storage device with songs to the USB port

■ BUTTON FUNCTION DESCRIPTION



1. Touch to access Main Menu.
2. Touch to enter the folder.
3. Next Page.
4. Volume control.
5. Previous Page.

6. Touch to activate/deactivate Random Mode.
7. Touch to repeat playback.
8. Touch to display the numeric keypad on the screen, and then you can use the numeric keypad to access a track directly.


■ **Select folder and Play**



9. Show current folder, touch to come back superior folder.
10. Touch to stop
11. Touch to play Next song.
12. Touch to play/pause.
13. Touch to play Previous song.

Camera Operation

This function is available when a VTR, etc. is connected to the visual terminal.、


 **WARNING**

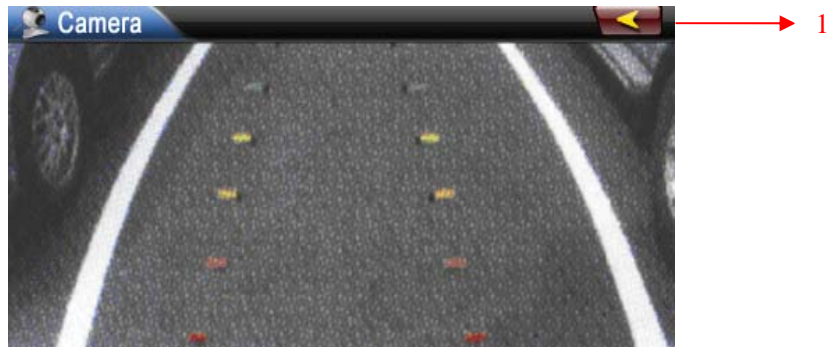
For your safety, the driver should not watch the VTR, etc. or operate the controls while driving. Please note that watching and operating the VTR, etc. while driving are prohibited by law in some countries.

Note:

For your safety, the unit has a safety function which turns off the picture when the car is moving, so only the audio can be heard. The picture can only be watched when the car is stopped and the parking brake is applied.

■ Accessing Camera mode:

Press  to access Camera mode. Or the car shift is in R state.



1、 Touch to access Main Menu.

AUX IN Operation

■ Switching to the AUX IN mode:

Note:For your safety,the unit has a safety function which turns off the picture when the car is moving,so only the audio can be heard.The picture can only be watched when the car is stopped and the parking brake is applied.

No AUX IN signal



AUX IN has video signal



1、 Touch to access Main Menu.

NAVI Operation


■ Accessing NAVI mode:

Press the icon  to access NAVI mode.



Setup

■ Accessing Setup Mode:

Access the MAIN MENU first and then touch the  button on the screen to access Setup mode.

■ Setup Interface:



1. Touch to go back MAIN MENU.
2. Setup category list, touch to show relevant setup items.
3. Setup option touch to select .
4. Touch to show Next Page .
5. Setup Item, touch to show it's option.

Front Panel Button Operation

■ BUTTON FUNCTION DESCRIPTION



FCC NOTE:

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.