XTR3

Manual

KIRYUNG ELECTRONICS

June. 08, 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.

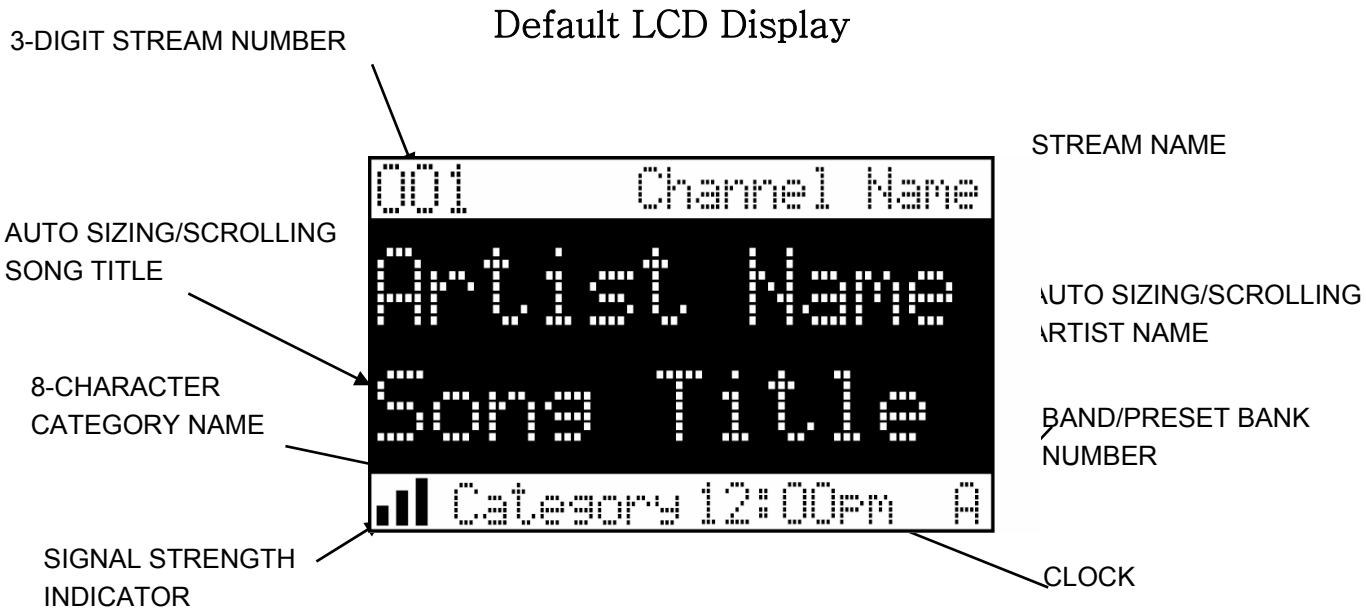
If this equipment does cause harmful interference to radio or television reception, which can be

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.

Default LCD Display



Front Button description

Channel up/down Encoder Knob and Select Button:

The Channel up/down encoder knob is the primary control for navigating through the various lists and option menus available on the unit. In the default mode, the Channel up/down knob provides sequential tuning through the available program streams. Turning Channel knob clockwise is tunes up one stream-per-detent, while turning Channel knob counterclockwise is tunes down one stream-per-detent. When in the list mode, turning knob is scrolls down and up, respectively, through the various menus and lists. The current selection from the list will be highlighted on the display. When the item is highlighted, press the Select Button to enter the selection. Pressing and holding the Select button will tune to the previously selected stream.

Category Buttons:

The Up or Down category buttons allows the user to advance through the stream groups based on content category. By turning Channel knob, the user can then scroll up or down through the streams within that category. Once a choice has been made, it can be entered by pressing the Select Button.

Memory (MEMO) Button (S-SEEK Function):

This feature allows the user to capture and store the current program data information

(Stream Name & Number/ Artist & Song title). You can store up to 20 Artist/Song Title combinations. The Shuttle also has the capability to search the current incoming Sirius signal, and thereby alert you if it matches the Artist/Song title stored in Shuttle memory.

Display (DISP) Button:
This button allows the user to choose one of several ways of presenting the Stream Name, Artist and Song title information on the LCD screen.

Menu (MENU) Button:
The MENU Button is used to access Menu Options which displays the user setup menu, plus other feature/ function adjustments.

Band Button (BAND)/Preset Tune (P. TUNE):
Each momentary press of the BAND Button allows the user to switch between 3 bands of Stream presets (10 presets each A, B and C). Pressing and holding the BAND Button for 2 seconds initiates preset tuning that will display and tune all stored preset streams in sequence. This is indicated by the reverse image of the stream number and band preset number on the display. Pre-set tuning continues until the user decides to terminate this function by pressing and holding the BAND Button for 2 seconds.

Keypad Buttons 0-9:
These buttons are used to directly enter a desired stream number. They are also used when entering and recalling preset stream numbers into memory.

Power Button :
Turns Receiver ON and OFF.

Jump(JUMP) Button:
Used to quickly switch to a favorite channel then back to the original program.

Remote Button description

Mute Button:
Mutes audio.

Previous(PREV) Button:
Use to tune the previous channel.

Direct(DIRECT) Button:
Use to tune the channel directly.

Basic Operation

After you have successfully activated your SIRIUS subscription, the Normal Operation (Default) screen will appear (*Below*): Use the Rotary Knob to select channels.

- The selected channel will automatically start playing. The name and artist of the currently playing song will scroll across the display.

Default Screen

Changing Channels

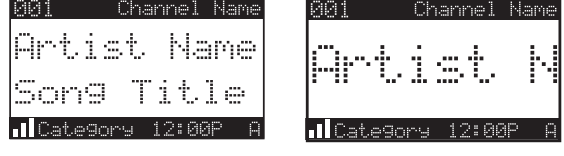
Turning the Rotary Knob clockwise will increase, or move up to the next channel. Turning the Rotary Knob counterclockwise will decrease, or move down to the previous channel.

Display Button

Pressing the DISP button from the Default display toggles between the artist name/song title and large character displayed text. In doing so, this will change the character size and cause the field to scroll. This feature is useful when viewing the display at a distance.

NOTE: The displayed text will scroll only if the length of the artist or title cannot be viewed in its entirety.

Pressing and holding the Display button will enter the channel list mode.



Pressing DISP will switch between these two display views

Search Modes (Category, Channel, Artist, Song Title)

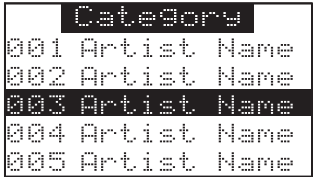
The Sirius Sportster Receiver has four ways to search for and select music: by category, by channel, by artist, and by song title.

Searching Categories

If you want to listen to a different entertainment category, push the CATEGORY buttons to activate the Category Select screen (*top right*):

1. Use the CATEGORY buttons to scroll through music and entertainment categories.
2. When the category (ex. Rock) you want is displayed, use the Rotary Knob to search available channels within the category.
   - Pressing the DISP button while in the Category Search mode will change between Channel Name, Artist Name, and Song Title to be able to preview what is playing on other channels before selecting.
3. When the channel you want is highlighted, press the Rotary Knob. The channel will change and the display will revert to the Default screen for the new channel.

To exit this mode without changing to a new channel, press and hold the DISP button for 1 second.

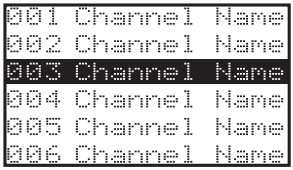


Searching Channels (Channel List Mode)

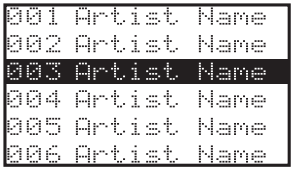
It is possible to search for a different channel while listening to your current channel. Be sure that the display shows the Default screen prior to the following steps:

1. Press and hold the DISP button for 2 seconds to activate the Channel List Mode *(top right)*. The Channel List screen will appear, showing all available channels regardless of category:
   - Pressing the DISP button while in the Channel List Mode will change between Channel Name, Artist Name *(middle right)*, and Song Title *(bottom right)*. You can use this feature to search for a specific Artist or Song that may be playing at the time.
2. Turn the Rotary Knob to find the channel you want.

3. Press and release the Rotary Knob to select the channel. To exit this mode without changing to a new channel, press and hold the DISP button for 1 second.



Press and Hold the DISP button to enter the Channel List Mode



Press DISP again to show the Artist Name

Press DISP again to show the Song Title

Press DISP again to go back to Channel List

Note: If you are in Channel List Mode and viewing a sports category channel list (NFL Zone, NHL Zone), pressing the DISP button will toggle between the team names and the current score of any live play-by-play game.

Direct Tuning

Channels can be directly accessed by pressing and releasing the Rotary Knob and then using the 0-9 keys to enter the desired channel number. Once the desired number has been entered, the channel will change and the display will revert to the Default screen for the new channel. The receiver will change immediately if three numbers are entered (ex. “0”, ”0”, “7”), but if just one or two digits are entered, the unit will wait for 3 seconds before changing the channel.

Setting Channel Presets

You can store up to 30 of your favorite channels as presets, for quick access. Presets are stored in 3 banks, A, B & C, each containing 10 channel presets.

1. Press the BAND button to activate the preset bank you want. The selected bank is shown in the lower right corner of the Default screen.
2. Select the channel you want to preset (see *Basic Operation* and *Changing Channels* on page 9).
3. Hold the numbered preset button you want to store the channel in for at least 2 seconds.

- The selected preset number will flash and then remain lit on the display to show that it has been memorized.
- If the preset button already has a channel stored in it, it will be replaced by the new channel.

Recalling Channel Presets

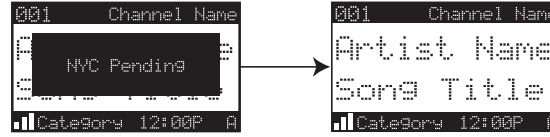
The 10 presets in the active bank (A, B or C) can be selected by pressing the “0” – “9” buttons.

1. Press the BAND button to activate the preset bank you want. The selected bank is shown in the lower right corner of the Default screen.
2. Press the desired preset button “0” – “9” to recall the preset. The channel will change and the display will revert to the Default screen for the new channel.

Jump Preset Button

The Sirius Sportster Receiver includes a special preset button labeled Jump. It can be used for channels that are accessed frequently and temporarily such as traffic, weather, news or sports. This button allows you to quickly tune to one specific channel and then tune back to the original channel. If the Jump button is used for a traffic channel, the Receiver will automatically display alerts when your selected city’s traffic report is broadcast.

Refer to the Jump Settings options section for information on configuring your Jump preset button.



- If your Jump Setting is set to traffic, pressing the Jump button will immediately begin searching for your desired city's traffic report. The band indicator on the display will change to the Jump icon to indicate a Jump search is active. Once your local traffic is found, the Receiver will automatically tune to that channel. You may have to wait up to 4 minutes for your desired report. Pressing the Jump button while the receiver is searching will cancel the search. Pressing the Jump button after the receiver has tuned to your traffic report will return to the previous channel.
- If your Jump Setting is set to JumpSet, pressing the jump button will immediately tune to your desired channel. Pressing the Jump button again will return to the previous channel.

Note: The channel preset for the Jump button remains the same regardless of which preset bank is currently selected.

Searching for a Channel Preset (P.TUNE Mode)

It is possible to quickly search through all of your presets using the Rotary Knob.

1. Press and hold the BAND button to enter the Preset Tune Mode (P.TUNE).
2. The bottom right portion of the display will change to highlight the current preset.
3. Turn the Rotary Knob in either direction to move up or down through your presets. The new channel will start to play as soon as you stop turning the Rotary Knob.
   - Only stored presets will be displayed, regardless of what bank they are stored in.
   - Presets will be grouped and displayed by preset bank and number (ex. A-1, A-2...B-1, B-2...C-1,C-2...) and rotate all the way around back to the beginning.

Default Display

P.TUNE Display

To exit Preset Tune Mode and return to Channel Tuning Mode, press and hold the BAND button.

Preset Tune List Mode

In Preset Tuning Mode you can view your list of presets showing Channel Name, Artist Name, or Song Title just like in the Channel List Mode:

1. Press and hold the BAND button to enter the Preset Tune Mode (P.TUNE).
2. Press the DISP button for 2-seconds which will bring up the Preset Tune List Mode displaying up to 6 preset channel names.
   - Pressing the DISP button while in this mode will change between Channel Name *(right top)*, Artist Name (right *middle)*, and Song Title list modes *(right bottom)*
   - The name field will scroll only if the length of the artist or song title cannot be viewed in its entirety.
3. Use the Rotary Knob to select the desired preset.
4. Push and release the Rotary Knob to select the preset. The channel will change and the display will revert to the P.TUNE Display.

```
A-1 Channel Name
A-2 Channel Name
A-3 Channel Name
A-4 Channel Name
A-5 Channel Name
A-6 Channel Name
```

P.TUNE Channel Name List Display

```
A-1 Artist Name
A-2 Artist Name
A-3 Artist Name
A-4 Artist Name
A-5 Artist Name
A-6 Artist Name
```

P.TUNE Artist Name List Display

```
A-1 Song Title
A-2 Song Title
A-3 Song Title
A-4 Song Title
A-5 Song Title
A-6 Song Title
```

P.TUNE Song Title List Display

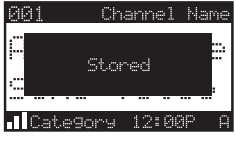
Memory (MEMO) and Song Seek (S-Seek) Functions

This feature allows the user to capture and store information about the programming (Artist/Song, sports team, or traffic city) on the currently tuned channel, up to a total of 20 listings. The receiver also has the capability to continuously search all incoming SIRIUS channels and alert the user when a saved program is being played. When a team (or teams) are stored in memory, at the time receiver is initially powered on, you will be alerted when the teams are playing in a game being broadcast. Also, while listening to your SIRIUS receiver, should one of the teams begin to play a game, you will alerted.

Storing Song Titles or Sports Games

1. **Song Titles or Traffic City:** While the receiver is in the default display mode, momentarily pressing and releasing the **MEMO** button stores the current program data information within the receiver's memory. A **"Stored"** pop-up screen, followed by **"X Used/Y Empty"** will each appear for 1 second, **X** being the total number of listings saved in

memory, and **Y** being the total number of memory listings still available for storage.



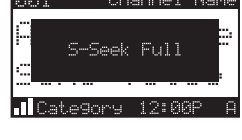
2. **Sports Games:** If the current tuned channel is an NFL®, NBA®, NHL®, or College play-by-play sports broadcast, pressing the **MEMO** button will allow you to select one of the teams playing to be stored in memory.

Turn the Rotary Knob to highlight the team you wish to store in memory and press the Rotary Knob to select. The next screen will ask which kind of alert you wish to have.

"**Initial Game Alert**" will sound an alert when the team you have chosen is playing a game. "**All Score Updates**" will sound an alert when the team you have chosen is playing a game, and also when the scores are updated for the team.

Turn the Rotary Knob to highlight the team you wish to store in memory and press the Rotary Knob to select.

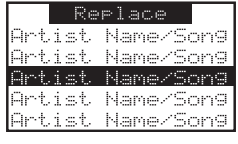
3. If the **MEMO** button is pressed and all of the memory spaces are full, "S-Seek Full" will flash on the display for 1 second.



A screen displaying the **Replace-Cancel** options will follow.

This prompt allows you to make the following Replace-Cancel choices:

Replace: The list of stored memory items will appear.



Turn the Rotary Knob to choose the item that you would like to overwrite with the new Artist/ Song Title, sports game, or traffic city. After highlighting the selected item in the list, press the Rotary Knob to delete the stored Artist/Song Title, sports team, or traffic city and replace it with the updated information. The display will show the "Stored" screen.

Cancel: The Replace-Cancel prompt screen will disappear and revert to the original screen. Nothing will be stored.

Viewing Program Information stored in Memory

1. Press and hold the MEMO button for 3 seconds to enter S-Seek Mode. The program information stored in memory will be displayed one-at-a-time in page format.
2. Use the Rotary Knob to scroll through the 20-page listing. This function allows you to review previously stored program information.

Deleting a Song Title Stored into Memory

1. Press and release the Rotary Knob while in S-Seek Mode. A pop-up screen displaying two selectable options - **"Delete"** and **"S-Seek"** - is displayed.

2. Turn the Rotary Knob to highlight the "Delete" option.
3. Press the Rotary Knob and a Delete confirmation screen will appear.
4. To permanently delete the program from your list, select **"Yes"** using the Rotary Knob and press the Knob in to confirm.

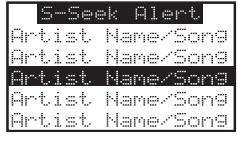
Activating the Song (S-Seek) Alert

1. Press and hold the MEMO button for 3 seconds to enter the S-Seek Mode.
2. Press and Release the Rotary Knob. A pop-up screen displaying two selectable options - **"Delete"** and **"S-Seek"** will appear (below *left)*.
3. Use the Rotary Knob to highlight the **"S-Seek"** option.
4. Press and release the Rotary Knob and a S-Seek confirmation screen will appear. Select the **"Yes"** option using the Rotary Knob and press the Knob in to confirm *(below right)*.

Whenever the Sirius Sportster Receiver is turned on, it automatically searches the incoming channels to determine if a match exists with the program information stored in receiver's memory. If one or more matches are found, a pop-up screen momentarily appears for 2-seconds and displays **"S-Seek Alert"**. An audible beep tone will be heard indicating that a match has been found. The display then reverts to the S-Seek Alert screen which displays the current matches. You can now select the Artist/Song Title or game that you wish to listen to. No stored match alert is provided for the currently selected channel. To ensure that no duplicate entries are stored in memory, the Receiver will check the stored input data to ensure the information about to be stored is not already in memory.

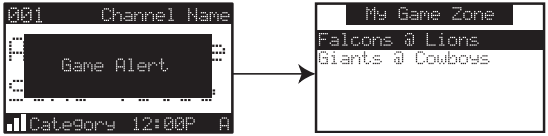
- If one or more matches are found, a list appears. You can scroll through the list and select a program using the Rotary Knob. Your selection will be tuned and the display will revert to the last active display mode.
- If a selection is not chosen within 10 seconds, the screen will revert to the last active display and tuning modes.

NOTE: Play of the current selection will continue until a new selection is made.



Game Alert

The Sirius Sportster Receiver can automatically identify when your favorite team is playing. When a game is found, the Game Alert screen is displayed, followed by tuning information for that game. Use the Rotary Knob to select and tune to the desired channel.



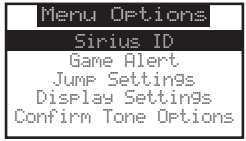
See the Game Alert setting in the Menu Display Options section for information on setting your favorite team.

You can use the S-Seek feature to add Game Alerts for additional teams. See the Setting S-Seek Alerts section for more information.

Menu Display Options

To enter the Menu Options page, press and release the MENU Button. The **"Menu Options"** list will appear on the display *(below)*.
Using the Rotary Knob, highlight the option you wish to adjust and press the Knob. The following options are available:

Sirius ID	Lock Options
Game Alert	Audio Level
Jump Settings	Antenna Aiming
Display Settings	Memory Options
Confirm Tone Options	Time Based Features
FM Transmitter	Factory Default
Add or Skip	



Note: If a button is not pressed within 10 seconds, the Receiver will exit the **"Menu Options"** function and revert back to the Default screen display.

Sirius ID

Displays your 12 digit Sirius ID (SID) number. The SID is unique to every Sirius Sportster Receiver and is required to activate your service. It is recommended that you write this number in the space provided on the last page of this user guide. No adjustments are allowed in this mode. To exit this option, press the Rotary Knob or Menu Button.

Game Alert

Game Alert allows you to store your favorite sports teams in memory. The Sportster Receiver will constantly scan the SIRIUS channels and will sound an alert when a team you stored in memory is playing, or when there is a score update for a team, depending on which option you have chosen for the team.

Teams which you have selected and are currently playing will be displayed in a category called “My Game Zone”.

You may select one team from each sports league and the college category, however, more teams may be chosen by using the MEMORY (**MEMO**) function. (See the section titled, “Memory (MEMO) and Song Seek (S-Seek) Functions” for more information to add additional teams.)

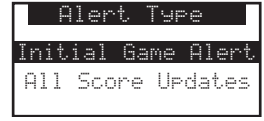
To choose teams to add to your stored game alerts:

1. Turn the Rotary Knob to highlight “**Game Alert**” and press the Rotary Knob to select.
2. Turn the Rotary Knob to highlight the sports league or college category of the team you wish to add, and press the Rotary Knob to select.

3. Turn the Rotary Knob to highlight the league team name or college team name you wish to add, and press the Rotary Knob to select.

Note that for college teams, you will receive an alert for all teams playing for that college. There are 30 college teams currently licensed for broadcast by SIRIUS.

4. Turn the Rotary Knob to highlight which type of an alert you want, and press the Rotary Knob to select.

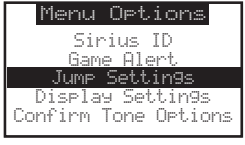


When the SIRIUS receiver is powered on, and while it is playing, **"Initial Game Alert'** will sound an alert when the team you have chosen is playing a game. **"All Score Updates"** does the same but also sounds an alert when the scores are updated for the chosen team.

To exit the Game Alert menu, press the MENU button.

Jump Settings

You can access the Jump Settings menu by pressing and holding the Jump button for 2 seconds or by pressing Menu to enter the Menu Options list and selecting Jump Settings using the Rotary Knob.



There are two options available for Jump button settings – Traffic and JumpSet. The currently selected option is indicated by a jump icon.

1. Traffic
   a. Use the Rotary Knob to highlight the **"Traffic"** option. Press the Rotary Knob to select.
   b. Scroll to the city for which you would like to hear traffic reports and press the knob.

Use the Menu button to exit this menu without changing your current city selection.

Note: If the channel list has not yet been downloaded from the satellite data stream, an Updating City List notification will be displayed. Please wait 10 minutes and try again.

1. JumpSet

Select JumpSet if you would like to use the Jump button for any channel other than a traffic channel.

a. Use the Rotary Knob to highlight the **"JumpSet"** option. Press the Rotary Knob to select.

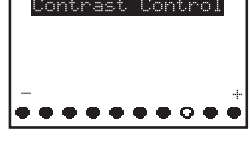
b. After pressing Menu to exit to the Default Screen, the Jump button can be programmed by tuning to your desired channel and pressing & holding the button for 2 seconds, as described in the Setting Channel Presets section.

Display Settings

The following adjustments are possible:

- Contrast Control
- Dimming Control
  - Manual
  - Automatic
- Font Type

To enter any of these modes, use the Channel knob to highlight the option you wish to adjust and press the Select button. The automatic dimming function is enabled when Automatic is selected. Also the automatic dimming function is disabled when Manual is selected.



To exit the Display settings, simply push the MENU button.

Confirm Tone Options

The Sirius Sportster Receiver will sound an Audio "Tone" alert when the unit powers ON and OFF as well as when the S-Seek Alert is activated. The default is ON. To change the tone options, perform the following:

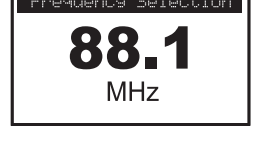
1. Use the Rotary Knob to highlight the **"Confirm Tone Options".** Press the Rotary Knob to select.
2. Use the Rotary Knob to Select **"ON"** or **"OFF"**. Press the Knob to set the Tone Option.

To exit the Display settings, simply push the MENU button.

FM Transmitter Options

If you would like to use the built-in FM Transmitter, you must turn ON the function and select an FM frequency:

1. Use the Rotary Knob to highlight the **"FM Transmitter Options"**. Press the Rotary Knob to select.
2. Use the Rotary Knob to Select **"On/Off"**. Press the Knob to set the option.
3. Press Menu to return to the previous menu.
4. Use the Rotary Knob to highlight the **"Frequency Selection"**. Press the Rotary Knob to select.
5. Use the Rotary Knob and Category Buttons to adjust the FM frequency. The Rotary Knob adjusts in 0.1 MHz increments and the Category Buttons adjust in 1 MHz increments.



Channel Add or Skip

The Sirius Sportster Receiver will allow you to skip selected channels when changing channels via the Rotary Knob. At any time you may select to add or skip specific channels. While in the **"Menu Options"** List mode, follow the steps below to Add or Skip a channel

1. Use the Rotary Knob to highlight the **"Add or Skip".** Press the Rotary Knob to select.
2. Use the Rotary Knob to Select the channel you wish to skip or add. Pressing the Rotary Knob will add the text "Skip" next to the channel name to skip that channel. To add the channel, simply press the Rotary Knob and the text "Skip" will be removed.

Note: This feature only functions in normal channel search modes. You can always access any skipped channel using the Direct Tuning function.

Lock Options

The Sirius Sportster Receiver has the ability to lockout the use of any channel, or channels you do not want others to access without your permission. Like the Skip feature, the locked channel will not appear when the user changes channels with the Rotary Knob. When the user tries to access the locked channel using the Direct Tuning function, the "Enter Code" screen will be displayed and the channel will not be accessed until the proper code is entered.

While in the **"Menu Options"** List mode, follow the steps below to Lock a channel:

1. Use the Rotary Knob to highlight the **"Lock Options".** Press the Rotary Knob to select.
2. Select "Lock/Unlock" from the Lock Options Menu *(below left)* and press the Rotary Knob to select.
3. Use the Rotary Knob to select the channel you wish to lock. Press the Knob in to select *(below right).*

Changing the Lock/Unlock Code

The first time the Lock/Unlock function is accessed, the user must enter the default lock code. The default lock code is “0000”. This code can be maintained or changed. To change the default lock code, perform the following procedure while in the **“Menu Options”** List mode:

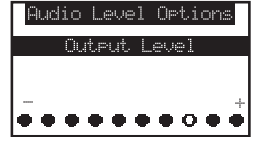
1. Use the Rotary Knob to highlight the **“Lock Options”.** Press the Rotary Knob to select.
2. Select **“Edit Code”** from the Lock Options Menu *(below left)* and press the Rotary Knob to select.
3. Enter the default code “**0000**”.
4. The “**New Code**” prompt will appear. Enter your new four digit code using the 0-9 number buttons *(below right)*. You will then be prompted to confirm the new code by entering your code again.
5. The lock code is now changed.

Note: you can use this same method to Edit the code once it is changed from the default.

Audio Level

The audio output of the Sirius Sportster Receiver can be adjusted to fine-tune the audio signal level for maximum performance. This is important when using either the optional Home Docking Station or the optional Mobile Docking Station. The following setting affects both the line output and FM output levels. To change the Audio Level, perform the following procedure while in the **“Menu Options”** List mode:

1. Use the Rotary Knob to highlight the **“Audio Level Options”.** Press the Rotary Knob to select.
2. Use the Rotary Knob to adjust to the desired audio output level. A 10 segment horizontal bar graph is displayed with a “-” sign to the left and a “+” sign to the right. To store your setting and exit this function, press the Rotary Knob.

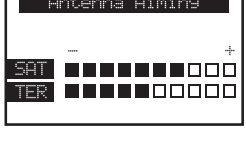


Antenna Aiming

When using the optional Home Docking Station or the Boombox indoors, it is important to locate the antenna in an acceptable location (See the individual installation guides for more information).

1. Use the Rotary Knob to highlight **"Antenna Aiming".** Press the Rotary Knob to select.
2. Two 10 segment horizontal bar graphs will be displayed (SAT and TER) with a "-" sign to the left and a "+" sign to the right. SAT indicated satellite signal and TER indicates terrestrial signal – if available.
3. Adjust the antenna for maximum performance as per the manuals.

To exit this function, press the Rotary Knob or MENU button.



Memory Options

In this mode, the user can turn the Memory Search Function (S-Seek) ON or OFF. In addition, all 30 Preset Memory Locations can be cleared. To change the Memory Options, use the following procedure while in the **"Menu Options"** List mode:

1. Use the Rotary Knob to highlight the **"Memory Options"**. Press the Rotary Knob to select.
2. Select one of the following Memory Options:
   a. **Automatic Memory Search function - On or Off**: Use the Rotary Knob to select between **On** and **Off** by highlighting the desired selection. Then press the Rotary Knob to store.
   b. **Clear All Memory Locations**: Press and release the Rotary Knob; a prompt display screen appears confirming - **Clear All Memory** Select **"Yes"** or **"No"** and press the Rotary Knob.

To exit this function, press the Rotary Knob or MENU button.

Time-Based Features

This Menu Option allows for adjustments of the following items:

Clock	Auto Shutdown
Alarm Clock	Sleep Mode
Program Alert	

To change the Time-Based Features, use the following procedure while in the **"Menu Options"** List mode:

1. Use the Rotary Knob to highlight the **"Time-Based Features"**. Press the Rotary Knob to select.
2. Use the Rotary Knob to select one of the following Time-Based Features to adjust:

a. Clock: When entering this menu option, you can setup the clock shown on the default display, based on the format desired, and the time zone in which you reside. The clock data is provided via the Sirius Satellite data stream, and will update based on the received signal.

- **Format:** The Clock Format option allows for either 12 Hour (Default), or 24 Hour display.
- **Time Zone:** Since the Clock adjusts the time automatically, it is important to specify your proper time zone. Use the Rotary Knob to select the proper time zone. The following is a list of time zones available:
  - (GMT-9:00) Alaska
  - (GMT-8:00) Pacific
  - (GMT-7:00) Mountain
  - (GMT-6:00) Central
  - (GMT-5:00) Eastern
  - (GMT-4:00) Atlantic
  - (GMT-3:30) Newfoundland (Abbreviated as Newfndlnd)
- **Daylight Savings Time (DST) Observance:** Activate this function if your area is subject to DST; turn the Rotary Encoder to toggle between **DST Observed** (default) or **DST Not Observed**.

b. Alarm Clock: When this menu option is highlighted and selected, you will be able to set the unit to turn on at a specific time. The last selected channel prior to shutdown will be present when the Alarm feature is activated. Alarm appears on the first line of the display followed by the alarm options:

- **Set Alarm:** Use the Rotary Knob to select "Set Alarm" From the Alarm Clock Menu. Select either "Alarm Off" (Default) or "Alarm On" from the Menu and press the Rotary Knob to set.
- **Alarm Time:** Use the Rotary Knob to select "Alarm Time" from the Alarm Clock Menu. Use the Category buttons and the Rotary knob to set the time (hours, minutes) you want to activate the Receiver (Default is 12:00pm). Press the Rotary knob to store the Alarm Time.

c. **Program Alert:** When this menu option is highlighted and selected, you will be able to program the unit to switch to a selected channel at a specific time. Press the Rotary Knob to enter the Program Alert Menu, The following adjustment options are available:

- **Program Time/Day:** Turning the Rotary Knob toggles between **Time** and **Day**. If **Time** is selected, use the Category buttons and Rotary Knob to set the hours and minutes. **AM** or **PM** will switch automatically when the AM or PM threshold has been exceeded. When the desired time is displayed, press the Rotary Knob. If **Day** is selected, the screen displays a default day of **Monday**, with selectable choices of **Monday**, **Tuesday**, **Wednesday**, **Thursday**, **Friday**, **Saturday** or **Sunday**. Use the Rotary Knob to increase (CW) or decrease (CCW) the desired day in a circular motion (default value: Monday).
- **Channel:** Turn the Rotary Knob to scroll through a listing of all the Sirius channels. When the desired channel is highlighted, press the Rotary Knob.
- **Program Alert On/Off** (Default is Off): Rotate the Rotary Knob to toggle between **Program Alert On** or **Program Alert Off**. When the desired alert status is highlighted, press the Rotary Knob.

d. **Auto Shutdown**: You can program the unit to automatically shut off after a 1-hour period without any user intervention. After 59 minutes of inactivity, a beep tone sounds and a display prompt appears on the screen, **"Cancel Auto Shutdown"**. To activate the Auto Shutdown feature, use the Rotary Knob to select it from the Time Based Features Menu and press the Knob

to enter the menu. Once in the Auto Shutdown Menu, use the Rotary knob to select either "Enable" or "Disable" the feature.

- **Cancel Auto Shutdown**: If you want to temporarily deactivate the Auto Shutdown feature once the beep tone sounds, press the Rotary Knob. The Auto Shutdown sequence will reset to 1 hour.

e. **Sleep Mode**: You can program the unit to shutdown after a selected period of time. The screen displays Sleep Mode on the top line, with optional time settings as follows:

Sleep Off
15 Minutes
30 Minutes
45 Minutes
60 Minutes

Use the Rotary Knob to select the desired Sleep Time. When the desired time is highlighted, press the Rotary Knob. The Receiver will now turn off after the selected time has elapsed.

Factory Default

This Menu option will restore all original factory settings. To activate this feature, perform the following procedure while in the **"Menu Options"** List Mode:

1. Press Menu to enter the Menu Options List.
2. Use the Rotary Knob to highlight the **"Factory Default"** option. Press the Rotary Knob to select. **"Restore Settings"** will pop up on the Receiver's display.
3. Use the Rotary Knob to select "Yes" to restore all settings or select "No" to return to the **Menu Options** List Mode.

If “Yes” is chosen, the unit reverts to the original factory settings for the following parameters:

- All Presets revert to empty
- All Game Alerts Cleared
- Auto Dimming On
- Display Contrast to 50%
- Display Mode to Auto
- FM Modulator to On
- FM Frequency : 88.1 MHz ~ 107.9 MHz(bandwidth : 200KHz)
- Audio Output Level to 70%
- Access to all skipped Channels (Locked channels remain locked)
- Memory Search On
- Memory Locations are erased
- 12 Hour Clock Format
- Eastern Time Zone
- Daylight Savings Time Observed
- Alarm Off
- Program Alert Off
- Auto Shutdown Off
- Sleep Mode Off