Sirius Conductor

Satellite Radio Tuner and Wireless Controller

SIRIUS
SATELLITE RADIO
THE BEST RADIO ON RADIO™

Installation & User Guide

Congratulations on your purchase of the SIRIUS Conductor Satellite Radio Tuner!

SIRIUS Satellite Radio: The Best Radio On Radio

With everything from 100% commercial-free music to in-depth sports coverage, plus news, talk and the hottest entertainment – you can always hear exactly what you want.

- The only home of 100% commercial-free music. Whether you're discovering new music, or rediscovering songs you haven't heard in years – you'll hear it all on SIRIUS.

- Live play-by-play and expert talk from the biggest leagues. NFL, every game, every week, everywhere. Plus NFL Radio 24/7 news and opinions from top NFL pros, 40 games a week from NBA and College Sports from over 150 schools. Plus NASCAR moving exclusively to SIRIUS in January 2007.

- Entertainment, Comedy and Talk that can't be found anywhere else. From 2 channels of Howard Stern, Blue Collar Comedy with Jeff Foxworthy and Larry the Cable Guy to Maxim and Playboy Radio.

- Especially for Women. Martha Stewart and her team will inspire you 24/7 along with Cosmo Radio, Deepak Chopra Wellness Radio, and other exclusive talk show hosts.

- World Class News, traffic and weather. Fox, CNN, NPR and BBC. Local traffic and weather for the top 20 cities.

- Family & Kids: G-rated fun for everyone with Radio Disney, Discovery Kids Channel, Laugh Comedy and more.

SIRIUS
SATELLITE RADIO

THE BEST RADIO ON RADIO

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Warning and Safety Information

FCC Warning

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in this User Guide. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

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, try to correct the interference by one of more of the following measures:

• Relocate the receiving antenna.

• Consult the dealer or an experienced technician for help.

Remote Control Certifications

FCC ID:MG310000

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide a reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiated radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Compliance with IC Rules and Regulations

IC: 2575A-URC10000
Model: URC-10000
Universal Electronics Inc.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiver antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

The user is cautioned that changes and modifications made to the equipment without the approval of the manufacturer could void the user's authority to operate his equipment.

General Precautions

SIRIUS disclaims all liability for hearing loss, bodily injury, or property damage as a result of the use or misuse of this product.

General Safety Warnings
Be sure to observe the following warnings. Failure to follow these safety instructions and warnings may result in a serious injury or death.

- Do not open, disassemble, or alter the units in any way. Doing so may result in fire, electric shock or product damage.
- Do not insert any objects into the units. Doing so may result in fire, electric shock or product damage.
- Make the correct connections. Failure to make proper connections may result in fire or product damage.
- Do not splice into electrical cables. Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.
- Do not install the units in areas where there are high levels of humidity, moisture, or dust. Doing so can result in electric shock or product failure.
- Do not drop the unit or subject it to strong shocks.
- If the unit doesn't seem to be working properly, turn the unit off, wait 10 seconds, and then turn it on again.

General Safety Cautions
Be sure to observe the following cautions. Failure to follow these safety cautions may result in injury or material property damage.

- Halt use immediately if a problem appears. Failure to do so may cause personal injury or damage to the product. Return the tuner to your authorized retailer or nearest service center for repairing.
- Install the wiring so that it is not crimped or pinched by screws or sharp metal edges. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use
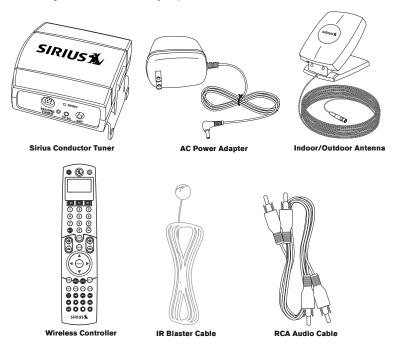
a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

• Use the specified accessory parts and install the product securely. Be sure to use only the specified accessory parts. Use of non-specified parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose, resulting in hazards or product failure.

Cleaning and Maintenance
If the tuner or wireless controller becomes dirty, turn the power off and wipe it clean with a soft clean cloth. Do not use hard cloths, paint thinner, alcohol, or other volatile solvents to clean. These may cause damage to the unit.

Package Contents
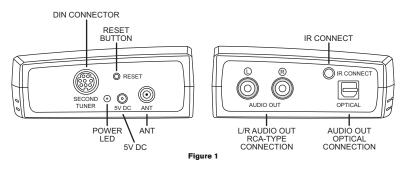
The following items are included with your purchase of the Sirius Conductor:

Sirius Conductor Tuner

AC Power Adapter

Indoor/Outdoor Antenna

Wireless Controller

IR Blaster Cable

RCA Audio Cable

Controls

Sirius Conductor Tuner Buttons and Connectors

Figure 1 and the table following identify and describe the buttons and connectors of the Sirius Conductor Tuner.

Figure 1
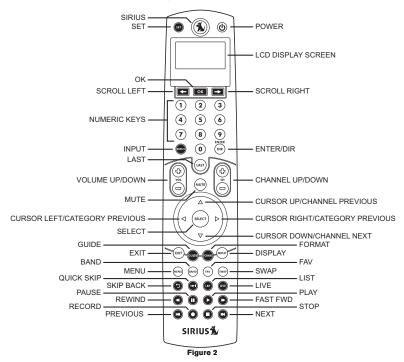
The following table describes the functions of the buttons and connectors on the Sirius Conductor Tuner.

Sirius Conductor Tuner Button and Connector Descriptions	
Button/Connector	Description
DIN CONNECTOR	Connection for a second SIRIUS radio
RESET	Resets the Sirius Conductor Tuner
POWER LED	When the tuner is powered on, this light is red to indicate the tuner is receiving power When off, the tuner is standby mode or is not receiving power
5V DC	Connection for the AC Power Adapter
ANT	Connection for the Indoor/Outdoor Antenna
IR CONNECT	Connection for the IR Blaster cable
RCA-TYPE L/R AUDIO OUT	L/R RCA-Type (analog) audio out connectors for connecting to audio receiver
OPTICAL AUDIO OUT	Optical (digital) audio out connector for connecting to audio receiver (cable must be purchased separately)

Wireless Controller Buttons

Figure 2 and the table following identify and describe the buttons of the wireless controller.

SIRIUS
SET
POWER
LCD DISPLAY SCREEN
OK
SCROLL LEFT
SCROLL RIGHT
NUMERIC KEYS
INPUT
ENTER/DIR
LAST
VOLUME UP/DOWN
CHANNEL UP/DOWN
MUTE
CURSOR UP/CHANNEL PREVIOUS
CURSOR LEFT/CATEGORY PREVIOUS
CURSOR RIGHT/CATEGORY PREVIOUS
SELECT
CURSOR DOWN/CHANNEL NEXT
GUIDE
FORMAT
EXIT
DISPLAY
BAND
FAV
MENU
SWAP
QUICK SKIP
LIST
SKIP BACK
LIVE
PAUSE
PLAY
REWIND
FAST FWD
RECORD
STOP
PREVIOUS
NEXT

SIRIUS

Figure 2

The following table describes the functions of the buttons on the wireless controller.

Wireless Controller Button Descriptions	
Button	**Description**
(SET)	Press and hold **SET** to enter the wireless controller's setup menus.
(SIRIUS)	Pressing ⊛ **SIRIUS** enters the SIRIUS mode and transmits an ON command to your SIRIUS Conductor Tuner.
← →	Use **Scroll Left** (←) or **Scroll Right** (→) through the devices in your wireless controller's LCD menu. When you press **Scroll Left** (←) or **Scroll Right** (→) in the SIRIUS mode, the wireless controller exits the SIRIUS mode and returns to the last active device mode.
OK	Use **OK** to select menu options displayed on the LCD. When you press **OK** in the SIRIUS mode, the wireless controller exits the SIRIUS mode and returns to the last active device mode.
1 2 3 4 5 6 7 8 9 0	Use the keypad numbers (**0–9**) to directly tune SIRIUS channels, tune to presets, and enter manufacturer's codes.
(INPUT)	Use **INPUT** to select alternate audio inputs on your audio device.
ENTER (DIR)	Use **DIR** to directly select a channel number using the number keys when in the SIRIUS mode.

SIRIUS Wireless Controller Button Descriptions *Continued*	
Button	**Action**
LAST	Use **LAST** to recall the last channel when in the SIRIUS mode.
VOL	Use **Vol+** and **Vol−** to increase or decrease the audio device's volume when in the SIRIUS mode.
CH	Use **CH+** or **CH−** to tune the next or previous channel when in the SIRIUS mode.
MUTE	Press **MUTE** once to turn your audio receiver's sound off or on.
EXIT	Use **EXIT** to exit the SIRIUS mode and return to the device control display.
BAND	Use **BAND** to change the preset band on your Sirius Conductor Tuner when in the SIRIUS mode.
FAV	Use **FAV** to access your Favorite Channels list. In the SIRIUS mode, use **FAV** to browse through your preset channels.
SWAP	Use **SWAP** to swap the active SIRIUS radio displayed on the LCD display. This key is only valid when two SIRIUS radios are paired with the wireless controller.

SIRIUS Wireless Controller Button Descriptions *Continued*	
Button	**Action**
(skip back icon)	Use **SKIP BACK** to command your PVR to instantly replay the last 7 seconds of a program you are watching.
(quick skip icon)	Use **QUICK SKIP** to command your PVR to SKIP FORWARD in the program you are watching.
(live icon)	Use **LIVE** to return to watching live TV if you are using a PVR or other similar device.
(rewind, pause, play, fast-forward, previous, record, stop, next icons)	Use **REWIND, PAUSE, PLAY, FAST-FORWARD, PREVIOUS, RECORD, STOP,** and **NEXT** to control a VCR, DVD player, or a PVR (after selecting the desired device).
(display icon)	Press **DISPLAY** to switch between Category Name and Channel Name, as well as time and date information, on the wireless controller's LCD display when in the SIRIUS mode. Press and hold **DISPLAY** for 1.5 seconds to change to the Channel List Mode when in the SIRIUS mode.
(format icon)	Use **FORMAT** to change the aspect ratio on your HDTV.
(list icon)	Use **LIST** to display your list of recorded content on your PVR.
(menu icon)	Use **MENU** to enter the Menu Options.
(guide icon)	Use **GUIDE** to display the program guide.

SIRIUS Wireless Controller Button Descriptions *Continued*	
Button	**Action**
⏻	Use **POWER** to turn off the Sirius Conductor Tuner.
(SELECT)	Use **Select** to choose a highlighted item in a menu.
△ ▽	Use **Cursor Up** and **Cursor Down** to navigate through menus.
◁ ▷	Use **Cursor Left** and **Cursor Right** to change categories when in the SIRIUS Mode, or to navigate menus in your devices.

Installation

Before you begin installation, read this installation section completely and follow the instructions. In addition, consult the manual of the audio device to which you will connect the Sirius Conductor Tuner to determine the required installation configuration.

Note the following when installing:

• Use the provided AC Power Adapter to provide power for the Sirius Conductor Tuner.
• You can connect the audio output of the Sirius Conductor Tuner to your audio system via the RCA-type or Optical audio output connectors of the tuner.

Mounting the Sirius Conductor Tuner

Install the Sirius Conductor Tuner in a location which avoids moisture and extreme heat. You may place the tuner on any flat surface.

Installing the Indoor/Outdoor Antenna

Before installing the indoor/outdoor antenna, read this entire section.

To ensure consistent reception of the SIRIUS signal in your home, it is important that the antenna be oriented correctly. Note the following considerations for antenna placement:
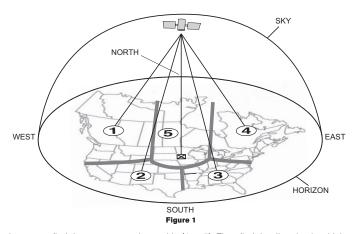
BEST reception can be achieved by placing the antenna outside on the roof, with a clear 360 degree view of the sky. This position will afford the best view of the sky for best reception. When placed in this location, an antenna extension cable may be required.

BETTER reception can be achieved by placing the antenna outside a window, or by mounting it to the side of the house. In either case, try to achieve the best possible clear view of the sky.

GOOD reception can be achieved by placing your antenna in a window. Try to achieve

a clear unobstructed view of the sky. If your location is in major metropolitan area, the antenna may be located inside the home because terrestrial transmitters are used to boost signal strength.

If you cannot obtain a clear 360 degree view of the sky (**Best**), then for the **Better** and **Good** installations you must at least have a clear view of the sky in the direction of the SIRIUS satellites, as shown in the following map diagram. (Figure 1)

Figure 1

Use the map to find the area you are located in (**1** to **5**). Then find the direction in which you need to have a clear view of the sky:

Area 1: You will need a location with a clear view of the sky facing **EAST** or **NORTHEAST** or **SOUTHEAST**

Area 2: You will need a location with a clear view of the sky facing **NORTH** or **NORTH-EAST**

Area 3: You will need a location with a clear view of the sky facing **NORTH** or **NORTH-WEST**

Area 4: You will need a location with a clear view of the sky facing **WEST** or **NORTHWEST** or **SOUTHWEST**

Area 5: You will need a clear view of the sky facing **STRAIGHT UP** (Outdoors only)

Choose a mounting location for the antenna which has an unobstructed view of the sky in the direction for your area.

For example, suppose you live in **Area 2**. You determined that your antenna will need to have a clear view of the sky facing **North** or **Northeast**. The exact direction is determined by your specific location in **Area 2** relative to the **X** on the map: If you live in **Texas**, you will need a more **North** facing clear view of the sky whereas if you live in **southern California**, you will need a more **Northeast** facing clear view of the sky. (In major US cities, you may be able to receive the SIRIUS signal from the SIRIUS ground repeaters, which allow you to place the antenna away from a window if the signal is strong enough.)

Once you have found a suitable location for the antenna, route the antenna cable to the Sirius Conductor Tuner. Be sure you avoid any obstructions that could crimp, kink, or twist the cable. Use protective grommets wherever rough openings are encountered. If the antenna is installed outdoors, route the cable from the antenna location to the interior of the home, working the cable through the basement, under a window sill, etc., and make adjustments to take up cable slack as necessary. Connect the antenna cable to the **ANT** connection on the rear of the Sirius Conductor Tuner.

Testing and Optimizing the Antenna Signal Strength

The stronger the SIRIUS signal strength, the less likely it is that you will experience an interruption of the audio when listening to a broadcast. To assist you in adjusting the antenna aiming for optimal reception, the Sirius Conductor Tuner can display a screen showing the strength of the SIRIUS signal being received.

Refer to the *Signal Indicator Display* section on page 30 and check the strength of the signal being received. The **S** portion of the display screen shows the strength of the signal being received from the satellite, while the **T** portion of the display screen shows the strength of the signal being received from terrestrial based transmitters, if available. Make small adjustments to the aiming of the antenna until you achieve the strongest possible signal.

If the Sirius Conductor Tuner loses reception at times, this is indication that the antenna is not aimed in the optimal direction. Adjust the antenna by changing the aiming in small increments to see if you can obtain consistent signal reception.

If you are having trouble locating your antenna in a place for optimal signal reception, please

visit your retailer or our website at **http://sirius.com** for information on signal distribution accessories that let you use RG-6 coax cable, your existing in-home wiring, and other technologies to connect your Sirius Conductor Tuner to the antenna. These other options allow placement of the antenna with the best view of the sky regardless of the location of your Sirius Conductor Tuner.

Connecting the Sirius Conductor Tuner

Refer to Figure 2 and follow these steps to connect the Sirius Conductor Tuner:

1. The indoor/outdoor antenna should be connected to the **ANT** connector. Refer to the previous section for the antenna installation procedure.

Peripheral components not to scale

Figure 2

2. Consult your audio equipment manuals for the audio connections needed for the Sirius

Conductor Tuner to operate with your particular equipment. You may use the provided audio cable with RCA-type connectors, or purchase an optical cable if an optical connection is desired.

3. Connect the provided IR blaster cable to the **IR Connect** connector. The other end of the IR blaster cable should be adhered to your receiver's infrared remote control window. To make this connection, peel the backing from the adhesive and adhere the end of the cable onto your receiver's infrared remote control window. **NOTE:** If you cannot find your receiver's infrared window, try shining a flashlight at your receiver to locate the infrared "eye."

4. Connect the AC Power Adapter to the **5V DC** connector. Plug the AC Power adapter into a working AC outlet. The red light on the tuner should be lit indicating that the Sirius Conductor Tuner is on.

Pairing Your Wireless Controller With Your Sirius Conductor Tuner

The first time you power up your wireless controller, you need to pair it with the Sirius Conductor Tuner. To pair the wireless controller with the tuner:

1. Be sure the red light on the Sirius Conductor Tuner is lit, indicating it is powered on.

2. The wireless controller's LCD displays *SIRIUS RADIO HAS NOT BEEN SETUP…. PUSH OK TO SET UP…*

3. Press **OK**. The LCD displays *PUSH BUTTON ON SIRIUS RADIO TO BEGIN SETUP.*

4. Use a pen (or other pointed object) to press the **RESET** button on the Sirius Conductor Tuner. The LCD displays *PUSH BUTTON AGAIN ON SIRIUS RADIO TO FINISH.*

5. Press the **RESET** button again on the Sirius Conductor Tuner. The LCD displays *SUC‐ CESS! RADIO AND REMOTE ARE NOW PAIRED.* Then the LCD displays *PRESS SIRIUS TO LISTEN TO MUSIC. PRESS OK TO SETUP OTHER DEVICES.*

6. Press ⊛ **SIRIUS**.

You can now use the wireless controller to control your Sirius Conductor Tuner.

Activating Your SIRIUS Subscription

Before you can listen to the your Sirius Conductor Tuner, you must subscribe to Sirius Satel-lite Radio service.

1. Make sure that you have properly connected the Sirius Conductor Tuner and that its antenna is oriented to receive the SIRIUS satellite signal, as described previously.
2. Press ⓐ to turn the Sirius Conductor Tuner on. The tuner must remain on during the entire activation process.
3. If the tuner is receiving the satellite signal, the SIRIUS channel lineup will be updated. The LCD display reads *UPDATING CHANNELS* on the top line and *X% COMPLETED* (0%–100%) on the bottom line until the update finishes. **Caution: Don't push any buttons or per-form any operations until updating has been completed.**
4. When completed, you can view the SIRIUS preview channel 184, and channel 000 without subscribing to SIRIUS. You cannot listen to any other channels until you activate your SIRIUS subscription.
5. Press **CH+** or **CH−** to tune to channel 000 to view your SIRIUS ID (SID). You will need the SID to activate your SIRIUS subscription. The SID number is also available on the Sirius Conductor Tuner packaging. Write the SID number down in the space provided on page 75.
6. Have your credit card and SID number handy and contact SIRIUS on the Internet at **https://activate.siriusradio.com** Follow the prompts to activate your subscription. You can also call SIRIUS toll-free at 1-888-539- SIRIUS (1-888-539-7474).
7. Once the Sirius Conductor Tuner has received your subscription information, the display changes to *SUBSCRIPTION UPDATED*.

You can now listen to all the channels and begin enjoying Sirius Satellite Radio!

Quick Start

Adding a Device to the Wireless Controller by Manufacturer Code

You can add a device to the wireless controller by manually entering its manufacturer's code. For a list of manufacturer's codes, refer to the ***Manufacturer's Codes*** section beginning on page 53.

To add a device by entering its code:

1. Turn on the device (receiver, TV, etc.) that you want to add to the wireless controller by pressing the power button on the device.
2. On the wireless controller, press **OK** to exit the SIRIUS mode. If you have not yet setup any devices the LCD display scrolls, *PRESS ⑧ SIRIUS TO LISTEN TO MUSIC - PRESS OK TO SETUP OTHER DEVICES*, otherwise the available devices are displayed.
3. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
4. The LCD displays *ADD DEVICE*. The bottom line of the LCD display lists *RECEIVER* as the first device you can add. Press **OK** to add your receiver, or press **Scroll Left** (←) or **Scroll Right** (→) to select the device you want add and then press **OK**.
5. The LCD displays the device name, *CODE SETUP*, and a 4-digit code. Enter the four-digit code for your device, for example, 1957. (You can find the code list for your device in the ***Manufacturer's Codes*** section beginning on page 53.) The ⑧ **SIRIUS** button blinks once for each digit entry. It blinks twice after the you have entered the final digit.
6. Your device turns off if the correct code for your device was successfully entered.
7. Press **OK** to save the code.

Repeat the steps above for each device you want to add, or press and hold **SET** until the wireless controller exits the menu.

Adding a Device to the Wireless Controller by Searching for the Manufacturer Code

To add a device to the wireless controller by scrolling through a list of manufacturer codes, perform the following steps:

1. Turn on the device (receiver, TV, etc.) that you want to add to the wireless controller by pressing the power button on the device.
2. On the wireless controller, press **OK** to exit the SIRIUS mode. If you have not yet setup any devices the LCD display scrolls, *PRESS ⓢ SIRIUS TO LISTEN TO MUSIC - PRESS OK TO SETUP OTHER DEVICES*, otherwise the available devices are displayed.
3. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
4. The LCD displays *ADD DEVICE*. The bottom line of the display lists *RECEIVER* as the first device you can add. Press **OK** to add your receiver, or press **Scroll Left** (←) or **Scroll Right** (→) to select the device you want add and then press **OK**.
5. The wireless controller displays the device name on the top line and *CODE SETUP* on the next line. Press **Scroll Left** (←) or **Scroll Right** (→) to scroll through the manufacturer's codes for the selected device. When you have selected the correct code, the wireless controller turns off the device.
6. Press **OK** to save the code.

Repeat the steps above for each device you want to add, or press and hold **SET** until the wireless controller exits the menu.

Controlling Your Receiver's Volume and Setting Its Audio Source Using the Wireless Controller

You must first add your receiver to the wireless controller before setting it to control the receiver's volume. (Refer to the previous sections for adding a device.) Also verify that it is possible to control the volume of your receiver using the wireless controller before permanently adhering the IR Blaster to your receiver.

If you cannot add a device using its manufacturer's code, try having the wireless controller learn the setup from the remote control of the device. (Refer to the section **Learn Feature** on page 41.)

To set up your wireless controller to control your receiver's volume:

1. Temporarily connect the IR blaster cable to your receiver's infrared remote control window. **Note:** If you cannot find your receiver's infrared window, try shining a flashlight at your receiver to locate the infrared "eye".

2. Press **OK** to exit the SIRIUS mode. Then press and hold **SET** until the LCD displays *INITIAL SETUP*.

3. Press **Scroll Left** (←) or **Scroll Right** (→) until the LCD displays *ADVANCED SETUP*. Press **OK**.

4. The LCD displays *SET VOLUME CONTROL*. Press **Scroll Left** (←) or **Scroll Right** (→) to find *SET AUDIO SOURCE FOR SIRIUS* and press **OK**.

5. The LCD displays *SELECT AUDIO DEVICE AND PUSH OK*. Press **Scroll Left** (←) or **Scroll Right** (→) to find the audio device that the Sirius Conductor Tuner is connected to. The wireless controller displays the name of the device (for example, *RECEIVER*). Press **OK**.

6. The LCD displays *NOW PUSH OK TO FIND INPUT*. Press **OK**.

7. The LCD displays *PUSH OK WHEN YOU FIND YOUR INPUT*. The current input is displayed on the bottom line (for example *INPUT 1*). Press **Scroll Left** (←) or **Scroll Right** (→) to find the input you want to choose. Each time you press **Scroll Left** (←) or **Scroll Right** (→), the wireless controller transmits a signal to your receiver. When your receiver selects the correct input for the Sirius Conductor Tuner, press **OK**. For example, if you connected the Sirius Conductor Tuner to the **SAT** input on your receiver, press **Scroll Left** (←) or **Scroll Right** (→) until the receiver changes to the **SAT** input.

8. The LCD displays *YOUR INPUT IS NOW PROGRAMMED PUSH OK*. Press **OK** to save the input. **NOTE:** Some receivers do not have discrete input selections but instead use a single input select to cycle through all available inputs. If your receiver operates in this way, simply use the **INPUT** key (below the **7** button on the wireless controller) to cycle to the appropriate audio input for the Sirius Conductor Tuner.

9. The LCD displays *SIRIUS KEY NOW AUTOMATICALLY CHANGES INPUT* and exits the menu

10. Permanently adhere the IR blaster cable to your receiver's infrared remote control window by peeling the backing from the adhesive on the end of the cable and sticking the end of the cable onto your stereo's infrared remote control window.

You can now use your wireless controller to control your receiver's volume whenever you press **Vol+**, **Vol−**, or **MUTE** on the wireless controller when you're in the SIRIUS mode.

Using the ⊛ SIRIUS Key and the ⏻ POWER Key to Turn Your Devices On or Off

You can use the ⊛ SIRIUS key on your wireless controller to turn on your Sirius Conductor Tuner, and the ⏻ **POWER** key to turn it off.

When you press ⊛ SIRIUS, the wireless controller enters the SIRIUS mode and turns on your the Sirius Conductor Tuner. Once you have programmed the audio source as described previously, the ⊛ SIRIUS key also turns on your audio device and controls its volume. By pressing one key, you can turn on or off your Sirius Conductor Tuner and your receiver or other audio device while remaining in SIRIUS mode, so you can access all the features of your SIRIUS radio.

When you are not in the SIRIUS mode, you can turn on or off other devices you have added to the wireless controller. Use **Scroll Left** (←) or **Scroll Right** (→) to find the device you want to power on or off and press the **POWER** key.

NOTE: If you change any settings for your audio device, you must follow the steps for audio source programming again to save the changes. Refer to the section ***Controlling Your Receiver's Volume and Setting Its Audio Source Using the Wireless Controller*** on page 23.

Sirius Conductor Tuner Operation

This section provides operation information for the Sirius Conductor Tuner. For operation information regarding your connected audio equipment, consult the owners manual which accompanied that equipment.

Display Modes

This section provides information about the screens displayed on the wireless controller. Note that before the wireless controller will display any information about the Sirius Conductor Tuner, it must be paired with the tuner as described in the section *Pairing Your Wireless Controller With Your Sirius Conductor Tuner* on page 20.

Normal Mode

When you first turn on your Sirius Conductor Tuner, the wireless controller displays the normal operation (default) screen. The default screen displays the last channel selected before shutdown, the artist's name, the channel number, and the preset bank information. (Figure 1)

```
001 CH NAME      A
Artist Name
Song Title
```

Figure 1

NOTE: If the artist name or song title is too long to fit the screen, it scrolls across the screen from right to left.

Display Button

Pressing **DISPLAY** from the default screen switches between the channel name and category on the top line of the display. (Figure 2)

```
001 CAT          A
Artist Name
Song Title
```

Figure 2

Channel List Mode

Pressing and holding **DISPLAY** for three seconds enters Channel List mode. Use **CURSOR UP** (▲), **CURSOR DOWN** (▼), **CH +,** or **CH –** to scroll through the channel list. (Figure 3) Press **SELECT** to tune the highlighted channel and return to the default display screen.

```
001 CH Name
002 CH Name
003 CH Name
```
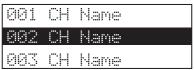
Figure 3

Note: To preview what is playing on other channels before selecting a channel, press **DIS-PLAY** while in the Channel List Mode to change between channel name, artist name and song title.

Category List Mode

Pressing **CURSOR LEFT** (◄) or **CURSOR RIGHT** (►) changes the display to show the currently listed category. (Figure 4) Press the cursor buttons again to scroll through the categories.

```
CATEGORY

001 CH Name

002 CH Name
```

Figure 4

The currently selected channel is highlighted on the second row. Pressing **CH +** or **CH −** browses the channels while remaining in Category List mode. Pressing **CURSOR UP** (▲) or **CURSOR DOWN** (▼) browses through the channels while keeping the second line highlighted. Press **SELECT** to tune the highlighted channel.

Presets

You can store up to 30 of your favorite channels as presets for easy tuning. There are 10 presets per band, A, B, and C, and channels are assigned preset numbers 0–9, for example, A1, A2, B1, C1, etc. The current band is displayed in the upper right corner of the default screen (Figure 1), and if the current channel is saved as a preset, the preset number will also be displayed, for example, C6.

Storing a Preset

To store a favorite channel as a preset:

1. Tune to the channel you want to store.
2. Select the band by pressing and releasing **BAND** until the desired band is displayed in the upper right hand corner of the display (A, B, or C).
3. Press and hold the numeric key (**0–9**) in which you want to store the until the preset number appears with the band in the upper right hand corner of display.

The channel is now stored as a preset. **Note:** You can replace previously stored presets by saving over them.

Selecting a Preset

To select a channel you have saved as a preset:

1. Select the band by pressing and releasing **BAND** until the desired band is displayed in the upper right hand corner of the display (A, B, or C).
2. Press and release the numeric key in which the preset is stored, for example, 1.
3. After 1.5 seconds the preset channel is tuned.

You can also use the **FAV** key to browse though the saved presets.

Multi-Radio Control

You can control up to two SIRIUS radios with your wireless controller, the Sirius Conductor Tuner (model SC-H1W) and the SiriusConnect Home (model SC-H1). To add a second radio, connect it to your Sirius Conductor Tuner radio using the DIN cable which was included with the SiriusConnect Home.

Note: After you connect the SiriusConnect Home, make sure to press the **RESET** button on the Sirius Conductor Tuner. This enables the second radio. Then follow the installation instructions for the SiriusConnect Home to activate the radio.

Note: The SiriusConnect Home must use the AC Power Adapter which was provided with the radio.

1. To select the second SIRIUS radio, press and hold ⊛ **SIRIUS** for 1.5 seconds, or press **SWAP**.
2. To highlight a radio (either *1* or *2*), press **CH +**, **CH −**, **CURSOR UP** (▲), or **CURSOR DOWN** (▼).
3. Press **SELECT** or **DIRECT** to select the highlighted SIRIUS radio.

When both SIRIUS radios have been correctly set up, the default display shows a superscripted number to indicate which radio is currently being displayed. Figure 5 shows information from SIRIUS radio 1 being displayed.

```
¹001 CH NAME        A
¹Artist Name
¹Song Title
```

Figure 5

Press **SWAP** to switch the display between the SIRIUS radios.

Menu Options

To display the Menu Options, press **MENU**. A list of the Menu Options will be displayed.
(Figure 6)

```
    MENU OPTIONS
 Signal Indicator
  Factory Reset
```

Figure 6

Use **CH +, CH −**, **CURSOR UP** (▲), or **CURSOR DOWN** (▼) to highlight the option you wish
to adjust and press **SELECT**. The following options are available:

– Signal Indicator
– Factory Reset
– Sirius ID

These menu options are explained in the following sub-sections.

Signal Indicator
For the best possible sound quality from the Sirius Conductor Tuner, it is important to locate

the indoor/outdoor antenna in a location which receives a consistent signal from the SIRIUS satellites. The signal indicator screen provides a visual display of the signal strength being received from the satellites (**S**) and terrestrial transmitters (**T**). A consistent signal of three bars or greater is required for good reception.

To display the signal indicator screen:

1. Press **CH +**, **CH −, CURSOR UP** (▲), or **CURSOR DOWN** (▼) to highlight *SIGNAL INDICATOR* and press **SELECT**.
2. The LCD displays two 10-segment horizontal bar graphs (*S* and *T*) with a "−"sign to the left and a "+" sign to the right. The **S** indicates satellite signal strength and the **T** indicates terrestrial signal strength (if available). (Figure 7)

Adjust the indoor/outdoor antenna for the strongest signal reception. To exit press **SELECT** or **MENU**.

Figure 7

Factory Reset

Factory reset will restore the Sirius Conductor Tuner to the defaults as shipped from the factory. A factory reset will clear all channel presets.

To perform a factory reset:

1. Press **CH +**, **CH −**, **CURSOR UP** (▲), or **CURSOR DOWN** (▼) to highlight *FACTORY RESET*. and press **SELECT**.
2. The LCD displays *FACTORY RESTORE?*. (Figure 8)
3. Use **CH +**, **CH −**, **CURSOR UP** (▲), or **CURSOR DOWN** (▼) to highlight **YES**. Press **SELECT** to perform the factory reset. Select **NO** to leave the settings as they are and return to the menu options.

Figure 8

Sirius ID

The Sirius ID menu option displays the SIRIUS ID number (SID) of your SIRIUS Conductor Tuner. This 12-digit number is unique to your tuner and is needed when activating the tuner to receive the Sirius Satellite Radio service.

To display the Sirius ID:

1. Press **CH +** , **CH −, CURSOR UP** (▲), or **CURSOR DOWN** (▼) to highlight *SIRIUS ID* and press **SELECT**.
2. The LCD displays the tuner's SIRIUS ID. (Figure 9)

To exit press **SELECT** or **MENU**.

Figure 9

Special Display Messages

The wireless controller may also display status information about the Sirius Conductor Tuner. These messages are described in the following table.

Message	Explanation
Out of Range	The LCD displays *Out of Range* whenever the wireless controller and the Sirius Conductor Tuner cannot communicate because they are too far apart or out of range because of some other interference. The display returns to normal when the wireless controller is again within range of the tuner.
Acquiring Signal	The LCD displays *Acquiring Signal* whenever the satellite signal is lost. This message pops up when the wireless controller is out of range, and returns to the normal display automatically when the Sirius Conductor Tuner regains the satellite signal.
Updating Channels	The LCD displays *Updating Channels* whenever a channel update from SIRIUS is detected. While the channels update, the percentage of update progress is displayed on the screen.
Subscription Updated	The LCD displays *Subscription Updated* whenever SIRIUS broadcasts a subscription update. Press any SIRIUS-related key to complete the update.
Antenna Not Detected	The LCD displays *Antenna Not Detected* whenever there is no antenna detected. If this message appears, check that the antenna is securely connected to the Sirius Conductor Tuner. The normal display returns automatically when the antenna is detected again.
Invalid Channel	The LCD displays *Invalid Channel* whenever you enter a channel number that does not exist. After two seconds, the current, active channel information, is re-displayed.
SIRIUS ID Number (SID)	To display your SIRIUS ID (SID) number, tune to channel 000. You can also display the SID by selecting Sirius ID from the Menu Options screen.

Wireless Controller Operation

The SIRIUS Conductor includes a wireless controller which allows you to operate up to 12 home entertainment devices as well as your Sirius Conductor Tuner. Read this section to familiarize yourself with using the wireless controller.

Setting Up Your Wireless Controller

The first time you power up your wireless controller, you will need to pair it with the Sirius Conductor Tuner.

To pair the wireless controller with the Sirius Conductor Tuner for the first time:

1. Be sure the red light on the Sirius Conductor Tuner is lit, indicating it is powered on.
2. The wireless controller's LCD displays *SIRIUS RADIO HAS NOT BEEN SETUP…. PUSH OK TO SET UP…*.
3. Press **OK**. The LCD displays *PUSH BUTTON ON SIRIUS RADIO TO BEGIN SETUP*.
4. Press **RESET** on the Sirius Conductor Tuner. The LCD displays *PUSH BUTTON AGAIN ON SIRIUS RADIO TO FINISH*.
5. Press **RESET** again on the Sirius Conductor Tuner. The LCD displays *SUCCESS! RADIO AND REMOTE ARE NOW PAIRED*. Then the LCD displays *PRESS SIRIUS TO LISTEN TO MUSIC. PRESS OK TO SETUP OTHER DEVICES*.
6. Press ⓢ **SIRIUS**.

You can now use the wireless controller to control your Sirius Conductor Tuner.

Adding and Deleting Nodes, Network Reset

A **node** is any product which is compatible with a Z-Wave® network. Your Sirius Conductor Tuner and wireless controller are Z-Wave compatible products and are nodes. Your Sirius Conductor Tuner and any other nodes added to your wireless controller become part of your **network**.

Additional nodes in your network could be other Z-Wave compatible products such as an RF signal repeater to extend the range of operation of your wireless controller, lighting products, HVAC controls, or other remote controls, etc. Once a node has been added to your network, it will act as a range extender for your wireless controller. You can learn more about Z-Wave and the types of products which are Z-Wave compatible on the Internet at **http://www.z-wavealliance.org**.

Adding a Node

Any Z-Wave compatible product (such as your Sirius Conductor Tuner) can be added as node to your wireless controller. You need to be within two feet of the node which you will be adding.

To add a node to your network:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*.
2. Press **Scroll Left** (←) or **Scroll Right** (→) until the LCD displays *SIRIUS SETUP*. Press **OK**.
3. The LCD displays *NODES*. Press **OK**.
4. The LCD displays *ADD RADIO TO NETWORK*. Press **OK**.
5. The LCD displays *PUSH BUTTON ON RADIO*. Press **RESET** on the Sirius Conductor Tuner (if you are adding the tuner) or the appropriate button on the other manufacturer's node.
6. The LCD displays *SUCCESSFUL* and then returns to the *NODES* screen.
7. Press and hold **SET** to exit the menu.

Deleting a Node

You can delete any node which you had previously added to your wireless controller. You will need to be within two feet of the which node you will be deleting.

To delete a node from your network:

1. Press and hold **SETUP** until the LCD displays *INITIAL SETUP*.
2. Press **Scroll Left** (←) or **Scroll Right** (→) until the LCD displays *SIRIUS SETUP*. Press **OK**.
3. The LCD displays *NODES*. Press **OK**.
4. The LCD displays *ADD RADIO TO NETWORK*. Press **Scroll Left** (←) or **Scroll Right** (→) until the LCD displays *DELETE RADIO FROM NETWORK*.
5. The LCD displays *PUSH BUTTON ON RADIO*. Press **RESET** on the Sirius Conductor Tuner (if you are deleting the tuner) or the appropriate button on the other manufacturer's node.
6. The LCD displays *SUCCESSFUL* and then returns to the *NODES* screen.
7. Press and hold **SET** to exit the menu.

Network Reset

Performing a network reset will delete *all* nodes which had been added to the wireless controller, including your Sirius Conductor Tuner. If you only want to remove a specific node from your network, refer to the previous section *Deleting a Node*.

To perform a network reset:

1. Press and hold **SET** until the LCD displays INITIAL SETUP.
2. Press **Scroll Left** (←) or **Scroll Right** (→) to go to SIRIUS SETUP. Press **OK**.
3. The LCD displays NODES. Press **Scroll Left** (←) or **Scroll Right** (→) to go to NETWORK. Press **OK**.
4. The LCD displays NETWORK RESET. Press **OK**.
5. The LCD displays WRITING, indicating that a network reset is in progress.
6. The LCD displays SUCCESSFUL when the network has been reset.
7. Press and hold **SET** to exit the menu.

Note: Nodes which have been removed from your network by performing a network reset still retain the Home ID information from the wireless controller. If you need to remove the Home ID information from a node, delete the node as described in the previous section, *Deleting a Node* on page 35, rather than performing a network reset.

Adding, Deleting, and Replacing Devices

You can control up to 12 devices with your wireless controller. These would be devices which are not Z-Wave compatible (as described in the previous section) but are commonly found in home entertainment systems, such as receivers, TVs, satellite boxes, etc., and which have their own remote controls.

The following table lists the types of devices you can control with your wireless controller. While adding, deleting, or replacing a device, the long name for the device is shown on the LCD screen. At all other times, the LCD displays the short name for the device.

Device Types	
Long Name	**Short Name**
RECEIVER	RCV

Device Types	
Long Name	**Short Name**
TV	TV
CABLE BOX	CBL
SATELLITE	SAT
DVD	DVD
VCR	VCR
MISC AUDIO	MIS
CD	CD
HOME CTRL	HOM
LASER DISC	LDP
CASSETTE	CA
MEDIA	MC
AMPLIFIER	AMP

Note: You must set up your audio device so that your wireless controller controls the volume and mute functions in order for these features to work properly. Refer to the section ***Controlling Your Receiver's Volume and Setting Its Audio Source Using Your Wireless Controller*** on page 23.

Adding a Device by Entering Its Manufacturers Code

Each device has a 4-digit code which is assigned by the manufacturer, and devices are added to the wireless controller by entering or searching for this code. If no code can be found for the device, the wireless controller can also learn the various functions from the device's remote control. (Refer to the section ***Learn Feature*** on page 41.)

Before adding a device, refer to the ***Manufacturer's Codes*** section beginning on page 53 and find the code for the device.

To add a device by entering its code:

1. Power on the device you want to add.
2. Press and hold **SET** until the LCD displays INITIAL SETUP. Press **OK**.
3. The LCD displays ADD DEVICE. The bottom line of the display lists RECEIVER as the first device you can add. Either press **OK** or press **Scroll Left** (←) or **Scroll Right** (→) to select another device to add and press **OK**.

4. Enter the four-digit code for your device using the **0–9** buttons. The ⓢ **SIRIUS** button blinks once for each digit entry. It blinks twice after the you have entered the final digit.
5. If an invalid code is entered, the ⓢ **SIRIUS** button emits one long blink and the LCD displays *INVALID*. If the correct code is successfully entered the selected device turns off.
6. Press **OK** to save the code. Press and hold **SET** to exit the menu..

Adding a Device by Searching for the Manufacturer's Code

If you cannot locate or do not know the manufacturer's code for the device you want to add, you can use the wireless controller to search for the correct code. When the correct code is found, the device will power off.

To add a device by searching for its code:

1. Power on the device you want to add.
2. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
3. The LCD displays *ADD DEVICE*. The bottom line of the display lists *RECEIVER* as the first device you can add. Either press **OK** or use **Scroll Left** (←) or **Scroll Right** (→) to select another device to add and press **OK**.
4. The LCD displays the device name on the top line and *CODE SETUP* on the next line.
5. Press **Scroll Left** (←) or **Scroll Right** (→) to scroll through the manufacturer's codes. When the correct code is selected, the wireless controller will turn off the device.
6. Press **OK** to save the code. Press and hold **SET** to exit the menu.

Note: If the wireless controller cannot find the manufacturer's code for your receiver, try adding it as an *AMPLIFIER* and also *MISC. AUDIO* and searching for a code for these device types.

Replacing a Device

This feature allows you to replace an existing device saved in the wireless controller's programming with a new device. This is useful if you replace an existing device with a new one. Replacing a device overwrites all settings of the device being replaced, such as learned keys and all other user-programmed features.

To replace an existing device:

1. Power on the replacement device.
2. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
3. The LCD displays *ADD DEVICE*. Use **Scroll Left** (←) or **Scroll Right** (→) to go to *REPLACE DEVICE*. Press **OK**.

4. The LCD displays *REPLACE WHAT?* Press **Scroll Left** (←) or **Scroll Right** (→) to select the device you want to replace. Press **OK**.

5. The LCD displays *WITH WHAT DEVICE*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to a replacement device. Press **OK**.

6. The LCD displays the code setup and default manufacturer's code for the replacement device. Press **OK** to select the default code or enter the four-digit code for the new device using the **0–9** buttons. The ⊛ **SIRIUS** button blinks once for each digit entry. It blinks twice after the you have entered the final digit. Press **OK**.

7. If an invalid code is entered, the ⊛ **SIRIUS** button emits one long blink and the LCD displays *INVALID*. If the correct code is successfully entered, the selected device turns off.

8. The LCD returns to the *REPLACE DEVICE* screen. Press and hold **SET** to exit the menu.

Deleting a Device

This feature allows you to delete a device which had been added to the wireless controller. To delete a device:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.

2. The LCD displays *ADD DEVICE*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *DELETE DEVICE*. Press **OK**.

3. The LCD displays the device name and the code (for example, *CABLE BOX 1376*). Press **Scroll Left** (←) or **Scroll Right** (→) to find the device you want to delete and press **OK**.

4. The LCD displays *ARE YOU SURE? IF SO PUSH OK*. Press **OK**.

5. The LCD displays the name of the deleted device (for example, *CABLE BOX 1376 HAS BEEN DELETED*).

6. Press **OK** to return to the *DELETE DEVICE* screen, or **SET** to exit the menu.

Viewing and Changing a Device Code

You can use view and change the manufacturer's code of a device which you have added to your wireless controller. The LCD will display the code information for each device.

Viewing a Device Code

To view the manufacturer's code for a device which had been added to the wireless controller:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
2. The LCD displays *ADD DEVICE*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *VIEW CODE*. Press **OK**.
3. The first line of the LCD displays the long name of the current device and the third line displays the 4-digit code number for the device.
4. Press **Scroll Left** (←) or **Scroll Right** (→) to view the manufacturer's codes of other devices in the wireless controller.
5. After viewing the codes, press **OK** or **SET** to exit the menu.

Changing a Device Code

To change the manufacturer's code for a device which had been added to the wireless controller:

1. Power on the device for which you are changing the manufacturer's code.
2. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **OK**.
3. The wireless controller displays *ADD DEVICE*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *CHANGE DEVICE CODE*. Press **OK**.
4. The LCD displays *CHANGE DEV CODE* on the first line. The second line of the LCD displays the current device in the middle and any other devices on either side of the current device. Press **Scroll Left** (←) or **Scroll Right** (→) to select the device you want to change and then press **OK**.
5. The LCD displays the name of the device and the current code (for example, *CABLE BOX CODE SETUP 0877*). Enter the new four-digit code for the new device using the **0–9** keys. The ⑧ **SIRIUS** button blinks once for each digit entry. It blinks twice after the you have entered the final digit.
6. If an invalid code is entered, the ⑧ **SIRIUS** button emits one long blink, and the LCD displays *INVALID*. If the correct code is successfully entered, the selected device turns off.
7. Press **OK** to save the code. Press and hold **SET** to exit the menu.

Choosing an Audio Source

If you have an audio receiver or amplifier with multiple inputs, you can program the wireless controller to automatically select one of its inputs as the audio source for your Sirius Conductor Tuner when the ⑧ SIRIUS button is pressed on the wireless controller. Then when you

press the ⓢ SIRIUS button, the wireless controller will automatically select the correct audio source input.

Note: Any learning of key functions for your audio device must be performed before you choose the audio source input. Refer to the section ***Learn Feature*** on page 41 for more information.

To choose the audio source input for the Sirius Conductor Tuner:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.

2. From *ADVANCED SETUP* use **Scroll Left (←)** or **Scroll Right (→)** to go to *SET AUDIO SOURCE FOR SIRIUS*. Press **OK**.

3. **Note:** If you only have one SIRIUS radio, i.e., the Sirius Conductor Tuner, skip this step and proceed to step 4. If two SIRIUS radios are programmed, then LCD displays *OK FOR RADIO 1 ‹› FOR RADIO 2*. Use **Scroll Left (←)** or **Scroll Right (→)** to select the radio.

4. Press **OK**. The LCD displays *SELECT AUDIO DEVICE AND PUSH OK*. Press **Scroll Left (←)** or **Scroll Right (→)** to find the audio device that your SIRIUS radio/tuner is plugged into. The name of the device is displayed (for example, *RECEIVER*).

5. The LCD displays *NOW PUSH OK TO FIND INPUT*. Press **OK**.

6. The LCD displays *PUSH OK WHEN YOU FIND YOUR INPUT*. The current input label is displayed in the bottom line (for example, *INPUT1*). Press **Scroll Left (←)** or **Scroll Right (→)** to find the input you want to choose (Input1–Input15). Press **OK** to select the displayed input.

7. The LCD displays *YOUR INPUT IS NOW PROGRAMMED PUSH OK*. Press **OK**.

8. The LCD displays *SIRIUS KEY NOW AUTOMATICALLY CHANGES INPUT* and exits the menu.

Learn Feature

If you cannot find a manufacturer's code for a device you want to add, the wireless controller can learn key functions from the device's remote control. You'll need to have the original remote control from the device in order to learn key functions. You can also use the learn feature to delete key functions which had been previously learned by the wireless controller.

Before you can learn the key functions of the device's remote control you need to add the device to the wireless controller. Follow the ***Adding a Device by Entering the Manufacturer's Code*** procedure on page 37 to add the device. When asked to enter the code for the device, just enter <u>any</u> valid manufacturer's code for the type of device from the ***Manufacturer's***

Codes section beginning on page 53. (For example, for a CD player you could enter code 0180.)

Learning Key Functions

To have the wireless controller learn a key function from a device's remote control:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP* press **Scroll Left (←)** or **Scroll Right (→)** to go to *LEARN FUNCTION*. Press **OK**.
3. The LCD displays *ADD LEARN KEY*. Press **OK**.
4. The LCD displays *FIND MODE TO LEARN. AND PUSH OK*. The bottom line of the LCD displays the device type (for example, *DVD*). Press **OK** to select or press **Scroll Left (←)** or **Scroll Right (→)** to select another device and press **OK**.
5. The LCD displays *ALIGN REMOTES PUSH OK*. Place the wireless controller and the remote within two inches of each other as shown in Figure 1 and press **OK**.

Figure 1
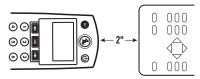
6. The remote displays *SELECT THE KEY TO LEARN*. Press the key you want to learn on the wireless controller, any key except **SET**, Ⓢ **SIRIUS**, **OK**, **Scroll Left (←)**, or **Scroll Right (→)**.
7. The LCD displays *WHEN BACKLIGHT TURNS OFF PUSH TEACHING KEY*. The backlight then turns off and the LCD display reads *LEARNING NOW! PRESS TEACHING KEY*. Press the teaching key on the device's remote control.
8. If the learning is successful, the backlight turns back on and the LCD displays *SUCCESS! PUSH OK TO LEARN PUSH SET TO EXIT*.
9. Press **OK** to learn another key or press **SET** to exit the learning mode. If you press **OK**, the LCD display returns to step 5 to learn another key.

Note: If learning fails, the LCD display reads *LEARNING FAILED PUSH OK TO LEARN PUSH SET TO EXIT*. Possible causes for learning failure might be:

- Attempting the learning procedure too close to a UV source (i.e., sunlight or fluorescent lighting).
- The wireless controller and the device's remote control are more than two inches apart.
- The device's remote control type is an RF-type remote control rather than an infrared (IR) type. Only IR-type remote controls can be used for learning.
- The IR LEDs on the wireless controller and the device's remote control are not aligned. The IR LED on the device's remote control is usually located on the front tip of the remote behind a lens.

Deleting All Learned Keys

You can delete all the learned keys for a specific device from the wireless controller. To delete all the learned keys:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP* press **Scroll Left** (←) or **Scroll Right** (→) to go to *LEARN FUNCTION*. Press **OK**.
3. The LCD displays *ADD LEARN KEY* . Press **Scroll Left** (←) or **Scroll Right** (→) to go to *DELETE LEARN KEY*. Press **OK**.
4. The LCD displays *SELECT MODE THEN PUSH OK*. The device name is displayed on the bottom line (for example, *DVD*). Press **OK** to select or press **Scroll Left** (←) or **Scroll Right** (→) to select another device and press **OK**.
5. The LCD displays *SELECT KEY TO DELETE OR PUSH OK TO DELETE ALL*. Press **OK.**
6. The LCD displays *DELETING ALL PUSH OK TO CONFIRM*. Press **OK**. The LCD displays *ALL LEARNED KEYS DELETED. PUSH OK TO DELETE MORE*.
7. Press **OK** to delete learned keys for other devices or **SET** to exit the menu.

Deleting a Single Learned Key

You can delete a single learned key for a specific device from the wireless controller. To delete a single learned key:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP* press **Scroll Left** (←) or **Scroll Right** (→) to go to *LEARN FUNCTION*. Press **OK**.

3. The LCD displays *ADD LEARN KEY*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *DELETE LEARN KEY*. Press **OK**.
4. The LCD displays *SELECT MODE THEN PUSH OK*. The device name is displayed on the bottom line (for example, *DVD*). Press **OK** to select or press **Scroll Left** (←) or **Scroll Right** (→) to select another device and press **OK**.
5. The LCD displays *SELECT KEY TO DELETE OR PUSH OK TO DELETE ALL*. Press the key containing the learned function to be deleted.
6. The LCD displays *KEY DELETED PUSH OK TO DELETE ANOTHER*. Press **OK** to delete another learned key function or press and hold **SET** to exit the menu.

Lock Volume Feature

The lock volume feature allows you to control the audio volume of a device which has been added to your wireless controller with another device. For example, if have added your DVD player to the wireless controller, and your DVD audio is connected through your receiver, you can lock the volume of the DVD player to the receiver so that the volume is controlled by the receiver. If you have other devices such as a TV, VCR, etc., all these devices can have their volumes locked to a single device which will then control the volume for all devices.

In order to use the lock volume feature, you first need to select the source device which will control the volume for the other devices. After you have selected a source device for volume control, you can then lock the volume control of other devices to the selected source.

Selecting a Source Device for Volume Lock Control
To designate a device as the source device to control the volume of other devices:
1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP*. Press **OK**.
2. The LCD displays *SET VOLUME CONTROL*. Press **OK**.
3. The LCD displays *LOCK VOLUME*. Press **OK**.
4. The LCD displays *USE ‹› TO SELECT VOLUME SOURCE THEN PRESS OK*. This is the device which will control the volume of other devices (for example, a receiver). Press **Scroll Left** (←) or **Scroll Right** (→) to select the device and press **OK**.
5. The wireless controller displays the name of the device that you have designated for volume control (for example, *VOLUME CONTROL IS NOW SET TO RECEIVER*) and exits the menu.

You can now proceed to add other devices so that their volume is locked to the source device you have just selected.

Adding a Device for Volume Lock

You can add devices for volume lock so that their audio volume will be controlled by the device you have designated to control volumes. To add a device for volume lock:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.

2. The LCD displays *SET VOLUME CONTROL*. Press **OK**.

3. The LCD displays *LOCK VOLUME*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADD DEVICE TO VOLUME LOCK*. Press **OK**.

4. The LCD displays *USE ‹› TO SELECT VOLUME SOURCE THEN PUSH OK*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to the device you want to add to volume lock. The LCD displays the name of the device having its volume locked and the name of the device to which it is locked. For example, if you select TV2, and the device you have designated to control the volume is a receiver, the LCD displays *LOCK TV2 TO RECEIVER*.

5. When the desired device is displayed press **OK**. The LCD displays the name of the device you added for volume lock (for example, *TV2 HAS BEEN ADDED TO VOLUME LOCK*).

6. The LCD displays *PUSH OK TO ADD ANOTHER DEVICE OR PUSH SET TO EXIT*. Press **OK** to add another device or press and hold **SET** to exit the menu.

Removing a Device from Volume Lock

You can remove devices that you had previously designated for volume lock. Once a device has been removed from volume lock, it's volume will no longer be controlled by the source device. To remove a device from volume lock:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.

2. The LCD displays *SET VOLUME CONTROL*. Press **OK**.

3. The LCD displays *LOCK VOLUME*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *REMOVE DEVICE FROM VOLUME LOCK*. Press **OK**.

4. The LCD displays *USE ‹› TO FIND DEVICE TO REMOVE THEN PUSH OK*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to the device you want to remove from volume lock. The LCD displays the name of the device you are removing from volume lock. For example, if you select TV2, the LCD displays *REMOVE FROM VOLUME LOCK TV2*.

5. When the desired device is displayed press **OK**. The LCD displays the name of the

device you removed from volume lock (for example, *TV2 HAS BEEN REMOVED FROM VOLUME LOCK*).

6. The LCD displays *PUSH OK TO REMOVE ANOTHER OR PUSH SET TO EXIT*. Press **OK** to add remove another device from volume lock or press and hold **SET** to exit the menu.

Key Mover Feature

The key mover feature allows you to move key functions for a device from one key to another key, and from one device to another device. For example, if you have added a DVD player and a receiver to your wireless controller, you could move the mute key function of the DVD player to the mute key of the receiver. The key mover feature also provides for deleting a key which has been moved, or to delete all moved keys.

Moving Key Functions

The add key mover moves key functions from one device to another, or moves the key functions within a single device. To move keys:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.

2. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *KEY MOVER*. Press **OK**.

3. The LCD displays *ADD KEY MOVER*. Press **OK**.

4. The LCD displays *FIND SOURCE DEVICE AND PUSH OK*. On the bottom line, the wireless controller displays the source mode (for example, *TV*). Press **Scroll Left** (←) or **Scroll Right** (→) to find the source device for the key you want to move. Press **OK**.

5. The LCD displays *SELECT SOURCE KEY TO COPY*. Press the key you wish to copy. All keys except **SET**, **Scroll Left** (←), **Scroll Right** (→), or 🔘 **SIRIUS** are available to move

6. The LCD displays *FIND DESTINATION DEVICE AND PUSH OK*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to the destination device for the key you are moving and press **OK**. The destination may be the same device or another device.

7. The LCD displays *FIND DESTINATION KEY AND PUSH OK*. Press any key except **SET**, **Scroll Left** (←), **Scroll Right** (→), or 🔘 **SIRIUS** and press **OK**.

8. The LCD displays *KEY MOVER SAVED*.

9. The LCD displays *PUSH OK TO ADD ANOTHER PUSH SET TO EXIT*. If you press **OK**, the LCD returns to step 3. Press and hold **SET** to exit the menu.

Deleting Moved Keys

You can delete all moved keys from a device or delete a single moved key from a device. To delete moved keys:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.
2. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *KEY MOVER*. Press **OK**.
3. The LCD displays *ADD KEY MOVER*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *DELETE KEY MOVER*. Press **OK**.
4. The LCD displays *FIND DEVICE AND PUSH OK*. The device name is displayed on the bottom line. Press **Scroll Left** (←) or **Scroll Right** (→) to go to the device with the moved keys which you want to delete. Press **OK**.
5. The LCD displays *SELECT KEY TO DELETE OR PUSH OK TO DELETE ALL*.
   a. If you wish to delete a single key, press the key to be deleted. The LCD displays *KEY DELETED PUSH OK TO DELETE ANOTHER*.
   OR
   b. If you wish to delete all moved keys from the device press **OK**. The LCD displays *DELETING ALL PUSH OK TO CONFIRM*. Press **OK**. The LCD displays *ALL MOVED KEYS DELETED PUSH OK TO DELETE MORE*.
6. Press **OK** to delete more keys or press and hold **SET** to exit the menu..

Key Macros Feature

The key macro feature allows you to program a series of keystrokes into a single key. For example, you can program a key macro for the **POWER** button that turns on/off all of your home entertainment equipment with a single press of the **POWER** button. Key macros are not available in when in the SIRIUS mode.

NOTE: Macro programming overrides the key's original function in all modes. However, you can access the key's original function by pressing and releasing **SET**, then pressing the key to which the macro is assigned. The key then sends its original function and not the macro.

Adding a Key Macro

To add a new key macro to the wireless controller:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left** (←) or **Scroll**

Right (→) to go to *ADVANCED SETUP* and press **OK**.

2. From *ADVANCED SETUP*, press **Scroll Left** (←) or **Scroll Right** (→) to go to *KEY MACRO*. Press **OK**.

3. The LCD displays *ADD KEY MACRO*. Press **OK**.

4. The LCD displays *SELECT MACRO KEY*. Press any key except **SET**, **Scroll Left** (←), **Scroll Right** (→)or ⑧ **SIRIUS** and press **OK**.

5. The LCD displays *ENTER THE MACRO SEQUENCE*. You can now enter up to 30 keystrokes for the macro. After you press a key to be added to the macro, the LCD displays *PUSH OK FOR 3 SECONDS TO SAVE*. Continue to press each key you want in your macro until you are finished. Press **Scroll Left** (←) or **Scroll Right** (→) to go to the device which will be sending the keystroke (such as TV, DVD, etc.) and then press the desired key which will be added to the macro.

6. If you want the macro to end with a specific device selected, press **Scroll Left** (←) or **Scroll Right** (→) to go to the device before saving your macro in the next step. **Note:** If you enter more than 30 keystrokes into the macro, the LCD displays *MEMORY FULL*.

7. When you are finished, press and hold **OK** for three seconds to save your macro.

8. The LCD displays *MACRO SAVED* and then *KEY MACRO*. Press **OK** to create another macro or press and hold **SET** to exit the menu.

Deleting a Key Macro

You can delete a key macro from the wireless controller. To delete a key macro:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left** (←) or **Scroll Right** (→) to go to *ADVANCED SETUP* and press **OK**.

2. From *ADVANCED SETUP* press **Scroll Left** (←) or **Scroll Right** (→) to go to *KEY MACRO*. Press **OK**.

3. The LCD displays *ADD KEY MACRO*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *DELETE MACRO*. Press **OK**.

4. The LCD displays *SELECT MACRO KEY TO DELETE AND PUSH OK*. Press the key containing the macro to be deleted and press **OK**.

5. The LCD displays *MACRO DELETED CHOOSE ANOTHER OR SET TO EXIT*. If you want to delete another macro key press **OK** or press and hold **SET** to exit the menu.

Adjusting the Contrast of the LCD Display

You can adjust the contrast setting of the LCD display on the wireless controller. To change the contrast setting:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP*, press **Scroll Left (←)** or **Scroll Right (→)** to go to *CONTRAST*. Press **OK**.
3. The LCD displays *CONTRAST SETUP*, with 10 blocks to show the current contrast setting. Press **Scroll Left (←)** or **Scroll Right (→)** to adjust the contrast setting.
4. When you are finished adjusting the contrast press **OK**.
5. The LCD displays *CONTRAST*. Press and hold **SET** to exit the menu.

LCD Timer Feature

The LCD Timer feature allows you to adjust how long the text is displayed after each key-press. You can set the time to 10, 20, or 30 seconds.

To adjust the LCD Timer:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP*. Press **OK**.
2. From *ADVANCED SETUP*, press **Scroll Left (←)** or **Scroll Right (→)** to go to *LCD TIMER*. Press **OK**.
3. The LCD displays *SET TO 20 SECONDS* (or the current setting). Press **Scroll Left (←)** or **Scroll Right (→)** to adjust the LCD timer to 10, 20, or 30 seconds and press **OK**
4. The LCD displays *LCD TIMER*. Press and hold **SET** to exit the menu.

Note: This adjustment does not affect the backlight. The backlight for the LCD display and keys turns off after 10 seconds of no activity.

About Feature

The About screen displays information about the wireless controller and the Sirius Conductor Tuner. You can find software version information about the wireless controller and the Sirius Conductor Tuner using this feature.

To view the About information:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP*, press **Scroll Left (←)** or **Scroll Right (→)** to go to *ABOUT*. Press **OK**.
3. The LCD displays the About information. To view more information press **Scroll Left (←)** or **Scroll Right (→)**.
4. Press and hold **SET** to exit the menu.

Reset Remote Feature

The reset remote feature allows you to either reset the features you have programmed into the wireless controller, or to reset the wireless controller to the factory settings.

Resetting Features

Resetting features deletes any features which have been programmed in the wireless controller such as moved keys, macros, learned keys, and volume lock. This reset will not delete any devices which have been added to the wireless controller.

To reset features:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP* press **Scroll Left (←)** or **Scroll Right (→)** to go to *RESET REMOTE*. Press **OK**.
3. The LCD displays *TO RESET ALL FEATURES PUSH OK*. Press **OK**.
4. The LCD displays *PUSH OK TO CONFIRM OR SET TO CANCEL*. Press **OK**.
5. The LCD displays *RESET CONFIRMED* and exits the menu.

Resetting to Factory Settings

Resetting the wireless controller to its factory settings will delete everything that has been programmed in the wireless controller, including all devices which have been added to the wireless controller. Use caution when restoring to the factory settings.

To perform a factory reset:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *ADVANCED SETUP* and press **OK**.
2. From *ADVANCED SETUP* press **Scroll Left (←)** or **Scroll Right (→)** to go to *RESET REMOTE*. Press **OK**.
3. The LCD displays *TO RESET ALL FEATURES PUSH OK*. Use **Scroll Left (←)** or **Scroll Right (→)** to go to *TO RESET TO FACTORY SETTING PUSH OK*. Press **OK**.
4. The LCD displays *PUSH OK TO CONFIRM OR SET TO CANCEL*. Press **OK**.
5. The LCD displays *THIS CLEARS ALL EVEN CODE SETUP ARE YOU SURE?* Press **OK**.
6. The LCD displays *RESET CONFIRMED*. The wireless controller is now reset to its original factory programming and exits the menu.

Remote Copy Feature

The remote copy feature allows you to send all the programming from the wireless controller to another remote control creating a second remote for your network. It also allows you to receive all the programming from another remote control to your wireless controller.

Note: Using the wireless controller to replicate a third-party manufacturer's remote causes the wireless controller to be part of the network which slows down performance if it's part of a greater network of nodes. For best performance, the wireless controller should only use one third-party node as a router (range extender) that is not part of a greater network. The more nodes in a network, the slower the communication will be with the Sirius Conductor Tuner.

Transmitting Programming to Another Remote Control

Transmitting the programming from your wireless controller to another remote control will create a secondary remote control. You will need to follow the instructions of the other remote control to prepare it to receive the programming from the wireless controller.

To transmit the programming of the wireless controller to another remote control:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left (←)** or **Scroll**

Right (→) to go to *SIRIUS SETUP* and press **OK**.

2. From *SIRIUS SETUP* press **Scroll Left** (←) or **Scroll Right** (→) to go to *REMOTE COPY*. Press **OK**.

3. The LCD displays *TRANSMIT NETWORK INFORMATION*. Press **OK**.

4. The LCD displays *SENDING* until the wireless controller completes the replication process.

5. The LCD displays *SUCCESSFUL* if the programming was successfully sent, or *TIME OUT* if the programming was not successfully sent. Press and hold **SET** to exit the menu..

Receiving Programming from Another Remote Control

If you have a remote control in your network, you can have it send its programming information to the wireless controller. You will need to follow the instructions of the other remote control to prepare it to send the programming information to the wireless controller.

To have the wireless controller receive the programming from another remote control:

1. Press and hold **SET** until the LCD displays *INITIAL SETUP*. Use **Scroll Left** (←) or **Scroll Right** (→) to go to *SIRIUS SETUP* and press **OK**.

2. From *SIRIUS SETUP* press **Scroll Left** (←) or **Scroll Right** (→) to go to *REMOTE COPY*. Press **OK**.

3. The LCD displays *TRANSMIT NETWORK INFORMATION*. Press **Scroll Left** (←) or **Scroll Right** (→) to go to *RECEIVE A COPY* and press **OK**.

4. The LCD displays *RECEIVING* until the wireless controller completes the replication process.

5. The LCD displays *SUCCESSFUL* if the programming was successfully received, or *TIME OUT* if the programming was not successfully received. Press and hold **SET** to exit the menu.

Manufacturer's Codes

Setup Codes For Audio Amplifiers

Setup Codes For Audio Amplifiers	
Acurus	0765
Adcom	0577, 1100
Bel Canto Design	1583
Bose	0674
Classe	1461, 1462
Elan	0647
Halcro	1934
Harman/Kardon	0892
JVC	0331
Krell	1837
Left Coast	0892
Lexicon	1145, 1802
Logitech	1408
Luxman	0165
Marantz	0892
Mark Levinson	1483
McIntosh	0251
NEC	0264
Optimus	0823
Parasound	0246, 1934
Philips	0892
Pioneer	0823
Polk Audio	0892
Primare	1395

Setup Codes For Audio Amplifiers	
RCA	0823
Redstar	1381
Sansui	1381
Shure	0264
Sony	0689, 0815, 1126
Victor	0331
Yamaha	0354, 0133

Setup Codes For Audio Receivers

Setup Codes For Audio Receivers	
ADC	0531
Adcom	0616
Aiwa	1405, 0121, 1388, 1641
Alco	1390
Anam	1609, 1074
Apex Digital	1774
Audiotronic	1189
Audiovox	1390
B & K	0701, 0820, 0840
Bose	1229, 0639, 1253, 1933
Capetronic	0531
Carver	1189

Setup Codes For Audio Receivers	
Coby	1389
Daewoo	1250
Denon	1360, 1142
Fisher	1801
Harman/Kardon	0110, 0891, 1304, 1306
Hitachi	1801
Integra	0135, 1298, 1320
JBL	0110, 1306
JVC	1282, 1374, 1495
Kenwood	1313, 1570, 1569
KLH	1390, 1412, 1428
Koss	1366, 1497
LG	1293
Liquid Video	1497
Magnavox	1189, 1269, 0531, 1514
Marantz	1189, 1269, 1289
Norcent	1389
Nova	1389
Onkyo	0135, 0842, 1298, 1320, 1531
Optimus	1023, 0531, 0670, 1074
Oritron	1366, 1497
Panasonic	1308, 1518, 1288, 1316, 1548, 1633, 1763, 1764
Philips	1189, 1269, 1266
Pioneer	1023, 0014, 0150, 0531, 0630, 1384
Polk Audio	1289
Proscan	1254

Setup Codes For Audio Receivers	
RCA	1023, 1609, 1254, 0531, 1074, 1390, 1511
Rio	1869
Samsung	1295, 1500
Sanyo	1469, 1801
Sherwood	1077, 1653
Sonic Blue	1869
Sony	1058, 1441, 1258, 1759, 1622, 1558, 1658, 1758, 1858
Soundesign	0670
Stereophonics	1023
Sunfire	1313
Teac	1074, 1390, 1528
Technics	1308, 1518
Thorens	1189
Venturer	1390
Wards	0014
Yamaha	0176, 1176, 1276, 1331, 1375
Zenith	1293

Setup Codes For Audio Accessories

Setup Codes For Audio Accessories	
Aiwa	0159
Altec Lansing	0607, 1056, 1485
Apple	1115, 1644
Cambridge Sound-works	1530

Setup Codes For Audio Accessories	
Creative	0872
D-Link	1522
DLO	1155
Integra	1789
iPort	2042
Marantz	1491
Motorola	1464
NaviPod	1644
Netgear	1785
Omnifi	1605
Onkyo	1789
Roku	1828
Slim Devices	1844
Sonance	2042
Sony	0159
SSI	1522
Yamaha	1809, 1810

Setup Codes For Cable Set Top Box

Setup Codes For Cable Set Top Box	
ABC	0003, 0008
Americast	0899
Bell South	0899
Digeo	1187
Director	0476
General Instrument	0476, 0810, 0276, 0003
GoldStar	0144
Hamlin	0273

Setup Codes For Cable Set Top Box	
Jerrold	0476, 0810, 0276, 0003
Memorex	0000
Motorola	1376, 0476, 0810, 0276, 1187
Pace	1877, 0237, 0008
Panasonic	0000, 0107
Paragon	0000
Philips	1305, 0317
Pioneer	1877, 0877, 0144, 0533
Pulsar	0000
Quasar	0000
Regal	0273
Runco	0000
Samsung	0144
Scientific Atlanta	1877, 0877, 0477, 0008
Sony	1006
Starcom	0003
Supercable	0276
Torx	0003
Toshiba	0000
Zenith	0000, 0525, 0899

Setup Codes For CD Players

Setup Codes For CD Players	
DKK	0000
Integra	0101
JVC	0072, 1294

Setup Codes For CD Players	
Magnavox	0038
Marantz	0038, 0180, 0435
Miro	0000
Onkyo	1327, 0101
Optimus	0000
Panasonic	0388, 0752
Philips	0274
Pioneer	1062, 1087
RCA	1062
Realistic	0180
Sharp	0180
Sherwood	0180
Sony	0490, 0000, 0100, 1364, 0185
Teac	0180
Victor	0072
Yamaha	0490, 0036, 1292

Setup Codes For Cassette Decks

Setup Codes For Cassette Decks	
Aiwa	0029
Carver	0029
Denon	0076
Harman/Kardon	0182, 0029
JVC	0244
Magnavox	0029
Marantz	0029
Optimus	0027
Philips	0029
Pioneer	0027

Setup Codes For Cassette Decks	
Polk Audio	0029
RCA	0027
Sansui	0029
Sony	0243, 0170, 0291
Wards	0027
Yamaha	0097

Setup Codes For DBS/PVR Combination

Setup Codes For DBS/PVR Combination	
Controlled by the Satellite	
DirecTV	1377, 0392, 0639, 1142, 1076, 0099, 1392, 1442 1640
Dish Network System	1505, 0775
Dishpro	1505, 0775
Echostar	1505, 0775
Expressvu	0775
Hughes Network Systems	1142, 1442
Philips	1142, 1442
Proscan	0392
RCA	1392
Samsung	1442
Sony	0639, 1640
Controlled by the VCR	
Hughes Network Systems	0739
Philips	0739

Setup Codes For DBS/PVR Combination	
Samsung	0739

Setup Codes For DVD Players

Setup Codes For DVD Players	
Akai	0695, 0899
Alco	0790
Apex Digital	0672, 0717, 0830
Audiovox	0790
Blaupunkt	0717
Blue Parade	0571
Broksonic	0695
CyberHome	0816
Denon	0490, 0634
Disney	0675
DVD2000	0521
Emerson	0591, 0675
Enterprise	0591
Funai	0675
GE	0522, 0717
Go Video	1075
Greenhill	0717
Hitachi	0573, 0664
Hiteker	0672
Initial	0717
Integra	0627
JVC	0558, 0623, 0867, 1164
Kawasaki	0790
Kenwood	0490, 0534

Setup Codes For DVD Players	
KLH	0717, 0790
LG	0591
Magnavox	0503, 0539, 0646, 0675
Marantz	0539
Memorex	0695
Microsoft	0522
Mintek	0717
Mitsubishi	1521, 0521
Nesa	0717
Onkyo	0503, 0627
Panasonic	0490, 0703, 1362, 1462, 1490, 1762
Philips	0503, 0539, 0646, 0675, 0854, 1260, 1267, 1354
Pioneer	0525, 0571, 0631
Polk Audio	0539
Presidian	0675
Proscan	0522
RCA	0522, 0571, 0717, 0790, 0822, 1022, 1132
Rotel	0623
Sampo	0752
Samsung	0490, 0573, 0820, 0899, 1075
Sansui	0695
Sanyo	0695
Sharp	0630, 0675, 0752, 1256
Shinsonic	0533

Setup Codes For DVD Players	
Sony	0533, 1533, , 1033, 1431
Sylvania	0675
Symphonic	0675
Teac	0790, 0809
Technics	0490, 0703
Theta Digital	0571
Toshiba	0503, 0695, 1045, 1154
Urban Concepts	0503
Venturer	0790
Xbox	0522
Yamaha	0490, 0539, 0545
Zenith	0503, 0591

Setup Codes For DVD/PVR Combination

Setup Codes For DVD/PVR Combination	
Controlled by the DVD	
Panasonic	0490
Pioneer	0631
RCA	0522
Sharp	1256
Sylvania	0675
Controlled by the VCR	
RCA	0880
Sylvania	0000
Toshiba	1996

Setup Codes For DVD/VCR Combination

Setup Codes For DVD/VCR Combination	
Controlled by the DVD	
Broksonic	0695
Emerson	0675
Funai	0675
Go Video	1075
Hitachi	0664
JVC	0867, 1164
Magnavox	0675
Memorex	0695
Panasonic	1762
Philips	0675, 1267
Presidian	0675
RCA	0522, 0822
Samsung	0820, 1075
Sansui	0695
Sharp	0630
Sony	0864, 1033, 1431
Sylvania	0675
Symphonic	0675
Toshiba	0503
Controlled by the VCR	
Hitachi	0000
RCA	0060
Sylvania	0000
Symphonic	0000

Setup Codes For DVD Recorders

Setup Codes For DVD Recorders	
Funai	0675
JVC	1164
Magnavox	0646, 0675
Panasonic	0490
Philips	0646
Pioneer	0631
RCA	0522
Samsung	0490
Sharp	0675
Sony	1033, 1431
Sylvania	0675

Setup Codes For HDTV Decoders

Setup Codes For HDTV Decoders	
DirecTV	0392
LG	1414
Samsung	1276
Zenith	1856

Setup Codes For Home Automation

Setup Codes For Home Automation	
Amana	1716
Frigidaire	1333

Setup Codes For Home Automation	
GE	0240
GoldStar	1537
Kenmore	1537
LG	1537
One For All	0167
Radio Shack	0240
Russound	1232, 1233
Security System	0167
Universal X10	0167
Whirlpool	1332
X10	0167

Setup Codes For Video Laser Disk Players

Setup Codes For Video Laser Disk Players	
Aiwa	0203
Carver	0064, 0194
Denon	0059, 0172
Funai	0203
Harman/Kardon	0194
Magnavox	0194, 0217
Marantz	0064, 0194
Mitsubishi	0059
NAD	0059
Optimus	0059
Panasonic	0204
Philips	0064, 0194
Pioneer	0059
Polk Audio	0194
Quasar	0204

Setup Codes For Video Laser Disk Players	
Realistic	0203
Sony	0193, 0201
Technics	0204
Theta Digital	0194
Yamaha	0217

Setup Codes For Media Center Controllers

Setup Codes For Media Center Controllers	
ABS	1272
Alienware	1272
CyberPower	1272
Gateway	1272
Hewlett Packard	1272
Howard Computers	1272
HP	1272
Hush	1272
iBUYPOWER	1272
Linksys	1272
Media Center PC	1272
Microsoft	1272
Mind	1272
Niveus Media	1272
Northgate	1272
Ricavision	1272
Sony	1272, 1324
Stack 9	1272
Systemax	1272

Setup Codes For Media Center Controllers	
Tagar Systems	1272
Toshiba	1272
Touch	1272
Viewsonic	1272
Voodoo	1272
ZT Group	127
Controlled by the VCR	
CyberPower	1972
Gateway	1972
Hewlett Packard	1972
iBUYPOWER	1972
Microsoft	1972
Northgate	1972
Northgate	1972

Setup Codes For PVRs

Setup Codes For PVRs	
Controlled by the VCR	
ABS	1972
Alienware	1972
CyberPower	1972
Dell	1972
DirecTV	0739
Gateway	1972
Hewlett Packard	1972
Howard Computers	1972
HP	1972
Hughes Network Systems	0739
Humax	0739

Setup Codes For PVRs	
Hush	1972
iBUYPOWER	1972
Linksys	1972
Media Center PC	1972
Microsoft	1972
Mind	1972
Niveus Media	1972
Northgate	1972
Panasonic	0616
Philips	0618, 0739
RCA	0880
ReplayTV	0614, 0616
Samsung	0739
Sonic Blue	0614, 0616
Sony	0636, 1972
Stack 9	1972
Systemax	1972
Tagar Systems	1972
Tivo	0618, 0636, 0739
Toshiba	1972, 1996
Touch	1972
Viewsonic	1972
Voodoo	1972
ZT Group	1972

Setup Codes For Televisions

Setup Codes For Televisions	
Admiral	0093, 0463
Advent	0761
Aiko	0092

Setup Codes For Televisions	
Akai	0812, 0702, 0030, 0672
America Action	0180
Anam	0180
AOC	0030
Apex Digital	0748, 0879, 0765
Audiovox	0451, 0180, 0092
Aventura	0171
Bell & Howell	0154
Bradford	0180
Broksonic	0236, 0463
Candle	0030
Carnivale	0030
Carver	0054
Celebrity	0000
Celera	0765
Changhong	0765
Citizen	0060, 0030, 0092
Clarion	0180
Commercial Solutions	1447, 0047
Contec	0180
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 1347
CXC	0180
Daewoo	0451, 0092, 1661, 0672
Dell	1178

Setup Codes For Televisions	
Denon	0145
Dumont	0017
Durabrand	0463, 0180, 0178, 0171
Electroband	0000
Electrograph	1755
Emerson	0154, 0236, 0463, 0180, 0178, 0171
Envision	0030
ESA	0812, 0171
Fisher	0154
Fujitsu	0683, 0809
Funai	0180, 0171
Futuretech	0180
Gateway	1755, 1756
GE	1447, 0047, 0051, 0451, 0178, 1347
Gibralter	0017, 0030
GoldStar	0178, 0030
Grunpy	0180
Hallmark	0178
Harman/Kardon	0054
Harvard	0180
Havermy	0093
Hello Kitty	0451
Hisense	0748
Hitachi	1145, 0145
Infinity	0054
Insignia	0171
Inteq	0017
JBL	0054
JCB	0000
Jensen	0761

Setup Codes For Televisions	
JVC	0053, 0731, 1253
KEC	0180
Kenwood	0030
KLH	0765
KTV	0180, 0030
LG	1265, 0178, 0856, 1178
LXI	0047, 0054, 0154, 0156, 0178
Magnavox	1454, 0054, 0030, 0706, 1254
Marantz	0054, 0030
Matsushita	0250, 0650
Maxent	1755
Megatron	0178, 0145
Memorex	0154, 0463, 0150, 0178
MGA	0150, 0178, 0030
Midland	0047, 0017, 0051
Mitsubishi	0093, 1250, 0150, 0178, 0836
Motorola	0093
MTC	0060, 0030
Multitech	0180
NAD	0156, 0178, 0866
NEC	0030, 1704
NetTV	1755
Nikko	0178, 0030, 0092
Norcent	0748
NTC	0092
Onwa	0180
Optimus	0154, 0250, 0166, 0650

Setup Codes For Televisions	
Optonica	0093
Orion	0236, 0463, 1463
Panasonic	0250, 0051, 0650
Penney	0047, 0156, 0051, 0060, 0178, 0030, 1347
Philco	0054, 0030
Philips	1454, 0054, 0690
Pilot	0030
Pioneer	0166, 0679, 0866
Polaroid	0765
Portland	0092
Prima	0761
Prism	0051
Proscan	1447, 0047, 1347
Proton	0178
Pulsar	0017
Quasar	0250, 0051, 0650
RadioShack	0047, 0154, 0180, 0178, 0030
RCA	1447, 0047, 0090, 0679, 1047, 1347, 1547
Realistic	0154, 0180, 0178, 0030
Runco	0017, 0030
Sampo	0030, 1755
Samsung	0060, 0812, 0702, 0178, 0030, 0766, 0814, 1060
Sansui	0463
Sanyo	0154
Scotch	0178

Setup Codes For Televisions	
Scott	0236, 0180, 0178
Sears	0047, 0054, 0154, 0156, 0178, 0171
Sharp	0093
Sheng Chia	0093
Sony	1100, 0000
Soundesign	0180, 0178
Squareview	0171
SSS	0180
Starlite	0180
Superscan	0093
Supreme	0000
SVA	0748
Sylvania	0054, 0030, 0171
Symphonic	0180, 0171
Tandy	0093
Tatung	1756
Technics	0250, 0051
Techwood	0051
Teknika	0054, 0180, 0150, 0060, 0092
Telefunken	0702
TMK	0178
TNCi	0017
Toshiba	0154, 1256, 0156, 1265, 0060, 0650, 0845, 1156, 1656, 1704
TVS	0463
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178

Setup Codes For Televisions	
Viewsonic	0885, 1755
Vizio	0885, 1756
Wards	0054, 0178, 0030, 0866, 1156
Waycon	0156
Westinghouse	0885
White Westing-house	0463
Yamaha	0030
Zenith	0017, 0463, 1265, 0178, 0092

Setup Codes For Televisions (DLP)

Setup Codes For Televisions (DLP)	
LG	1265
Mitsubishi	1250
RCA	1447
Samsung	0812, 1060
Toshiba	1265

Setup Codes For Televisions (LCD)

Setup Codes For Televisions (LCD)	
Audiovox	0180
Dell	1178
Funai	0171
LG	0856, 1178
Magnavox	1454

Setup Codes For Televisions (LCD)	
Mitsubishi	1250
Panasonic	0650
Philips	1454
RCA	0047
Samsung	0812, 0766, 0814
Sharp	0093
Sylvania	0171
Symphonic	0171
Toshiba	0845, 1656
Viewsonic	0885
Vizio	0885, 1756
Westinghouse	0885
Zenith	1265

Setup Codes For Televisions (Plasma)

Setup Codes for Televisions (Plasma)	
Akai	0812
Electrograph	1755
ESA	0812
Fujitsu	0683, 0809
Gateway	1755, 1756
JVC	0731
LG	0178, 0856
Maxent	1755
Mitsubishi	0836
NEC	1704
NetTV	1755
Panasonic	0250, 0650
Philips	0690
Pioneer	0679

Setup Codes for Televisions (Plasma)	
Sampo	1755
Samsung	0812
Sony	0000
Tatung	1756
Toshiba	0650, 1704
Viewsonic	1755
Vizio	1756
Zenith	0178

Setup Codes For
TV/DVD Combination

Setup Codes For TV/DVD Combination	
Controlled by the DVD	
Akai	0695
Apex Digital	0830
Broksonic	0695
Emerson	0675
Panasonic	1490
Philips	0854, 1260
RCA	1022
Samsung	0899
Sansui	0695
Sylvania	0675
Toshiba	0695

Setup Codes For
TV/VCR Combination

Setup Codes For TV/VCR Combination	
Controlled by the TV	
America Action	0180
Audiovox	0180
Emerson	0236
Controlled by the VCR	
Broksonic	1479
Citizen	1278
Curtis Mathes	1035
Daewoo	1278
Emerson	1278, 1479
Funai	0000
GE	0807, 1035, 1060
GoldStar	1237
Harley Davidson	0000
Hitachi	0000
Lloyd's	0000
Magnasonic	1278
Magnavox	0000, 1781
Memorex	1237
Mitsubishi	0807
Orion	1479
Panasonic	1035
Penney	1035, 1237
Quasar	1035
RadioShack	0000
RCA	0807, 1035, 1060
Samsung	1014
Sansui	0000, 1479
Sears	0000, 1237

Setup Codes For TV/VCR Combination	
Sony	0000, 1232
Sylvania	1781
Symphonic	0000
Thomas	0000
Toshiba	0845, 1145
Zenith	0000, 1479

Setup Codes For TV/VCR/DVD Combination

Setup Codes For TV/VCR/DVD Combination	
Controlled by the DVD	
Akai	0899
Panasonic	1362, 1462
RCA	1132
Sharp	0630
Toshiba	1045
Controlled by the VCR	
Sharp	0807

Setup Codes For Satellite Set Top Boxes

Setup Codes For Satellite Set Top Boxes	
Chaparral	0216
Crossdigital	1109

Setup Codes For Satellite Set Top Boxes	
DirecTV	1377, 0392, 0566, 0639, 1639, 1142, 0247, 0749, 1749, 0724, 0819, 1856, 1076, 1108, 0099, 1109, 1414, 1442, 1609, 1392, 1640
Dish Network System	1505, 1005, 0775, 1775
Dishpro	1505, 1005, 0775, 1775
Echostar	1505, 1005, 0775, 1775
Expressvu	0775, 1775
GE	0566
GOI	0775, 1775
Hitachi	0819
HTS	0775, 1775
Hughes Network Systems	1142, 0749, 1749, 1442
JVC	0775, 1775
LG	1414
Magnavox	0724, 0722
Memorex	0724
Mitsubishi	0749
Motorola	0856
Panasonic	0247, 0701
Paysat	0724
Philips	1142, 0749, 1749, 0724, 1076, 0722, 0099, 1442
Proscan	0392, 0566

Setup Codes For Satellite Set Top Boxes	
RCA	0566, 0855, 0143, 1392
Samsung	1377, 1276, 1108, 1109, 1442, 1609
Sony	0639, 1639, 1640
Tivo	1142, 1442
Toshiba	0749, 1749, 0790, 1285
UltimateTV	1392, 1640
Uniden	0724, 0722
Zenith	1856, 0856

Setup Codes For VCRs

Setup Codes For VCRs	
BS	1972
Adventura	0000
Aiwa	0000
Alienware	1972
American High	0035
Broksonic	0184, 1479
Canon	0035
Carver	0081
Citizen	1278
Curtis Mathes	0060, 0035, 1035
CyberPower	1972
Daewoo	0045, 1278
Dell	1972
Denon	0042
DirecTV	0739
Durabrand	0039

Setup Codes For VCRs	
Dynatech	0000
Emerex	0032
Emerson	0184, 0000, 1278, 1479
Fuji	0035, 0033
Funai	0000
Garrard	0000
Gateway	1972
GE	0060, 0035, 0807, 1035, 1060
GoldStar	1237
Gradiente	0000
Harley Davidson	0000
Harman/Kardon	0081
Hewlett Packard	1972
Hitachi	0000, 0042
Howard Computers	1972
HP	1972
Hughes Network Systems	0042, 0739
Humax	0739
Hush	1972
iBUYPOWER	1972
JVC	0067
Kenwood	0067
Kodak	0035
Linksys	1972
Lloyd's	0000
Magnasonic	1278
Magnavox	0035, 0039, 0081, 0000, 1781
Marantz	0035, 0081
Matsushita	0035

Setup Codes For VCRs	
Media Center PC	1972
MEI	0035
Memorex	0035, 0039, 0000, 1237
Microsoft	1972
Mind	1972
Minolta	0042
Mitsubishi	0067, 0807
Motorola	0035
MTC	0000
Multitech	0000
NEC	0067
Niveus Media	1972
Northgate	1972
Olympus	0035
Optimus	1062
Orion	0184, 1479
Panasonic	1062, 0035, 0225, 0616, 1035
Penney	0035, 0042, 1035, 1237
Pentax	0042
Philco	0035
Philips	0035, 0081, 0618, 0739
Pioneer	0067
Polk Audio	0081
Proscan	0060, 1060
Pulsar	0039
Quasar	0035, 1035
RadioShack	0000
RCA	0060, 0042, 0807, 0880, 1035, 1060

Setup Codes For VCRs	
Realistic	0035, 0000
ReplayTV	0614, 0616
Ricavision	1972
Runco	0039
Samsung	0045, 0739, 1014
Sanky	0039
Sansui	0000, 0067, 1479
Scott	0184, 0045
Sears	0035, 0000, 0042, 1237
Sharp	0807
Sonic Blue	0614, 0616
Sony	0035, 0032, 0033, 0000, 0636, 1232, 1972
Stack 9	1972
STS	0042
Sylvania	0035, 0081, 0000, 1781
Symphonic	0000
Systemax	1972
Tagar Systems	1972
Teac	0000
Technics	0035
Teknika	0035, 0000
Thomas	0000
Tivo	0618, 0636, 0739, 1996
Toshiba	0045, 0845, 1145, 1972, 1996
Touch	1972
Vector	0045
Video Concepts	0045

Setup Codes For VCRs	
Viewsonic	1972
Villain	0000
Voodoo	1972
Wards	0060, 0035, 0081, 0000, 0042
XR-1000	0035, 0000
Zenith	0039, 0033, 0000, 1479
ZT Group	1972

Setup Codes For Video Accessories

Setup Codes For Video Accessories	
ABS	1272
Alienware	1272
CyberPower	1272
D-Link	1554
Gateway	1272
Hewlett Packard	1272, 1267
Howard Computers	1272
HP	1272
Hush	1272
iBUYPOWER	1272
Linksys	1272, 1365
Media Center PC	1272
Microsoft	1272
Mind	1272
Niveus Media	1272
Northgate	1272
Ricavision	1272
Roku	1486

Setup Codes For Video Accessories	
Sony	1272, 1324, 1364
Stack 9	1272
Systemax	1272
Tagar Systems	1272
Toshiba	1272
Touch	1272
Viewsonic	1272
Voodoo	1272
ZT Group	1272

Troubleshooting

Symptom	Solution
I'm only receiving channels 000 and 184	Call 1-888-539-7474 to activate your subscription.
The wireless controller continues to display *"Antenna Not Detected"*	Make sure your antenna is securely connected to the Sirius Conductor Tuner.
The wireless controller doesn't show any information after pressing the **SIRIUS** button	Press the **Reset** button on the Sirius Conductor Tuner.
I've added a second SIRIUS radio but the wireless controller can't find it after pressing **SWAP**	Press the **Reset** button on the Sirius Conductor Tuner.
My audio receiver doesn't respond to any of the manufacturer's codes	Program your wireless controller by learning the functions from your original remote. (Refer to the *Learn Feature* section on page 41.)
I cannot get the audio source input function to switch automatically when I press the **SIRIUS** button	Use your wireless controller's learning feature to learn the audio receiver's input function to a numeric button (**0-9**) in the receiver mode. Then go through the audio source programming again. Refer to the section *Controlling Your Receiver's Volume and Setting Its Audio Source Using the Wireless Controller* on page 23.

Troubleshooting *Continued*	
Symptom	**Solution**
I get an *Out of Range* message even when I'm close to the Sirius Conductor Tuner	Go through SIRIUS setup and delete the Sirius Conductor Tuner. Then pair the Sirius Conductor Tuner to the wireless controller again. Refer to the section ***Pairing Your Wireless Controller With Your Sirius Conductor Tuner*** on page 20.
I can't get all the remote control functions working properly for my device (TV, Receiver, Cable Box, etc.) when using the wireless controller	Some manufacturer's codes enable only partial functions. Try going through the remaining manufacturer's codes in the list to find one that works better. If you can't find any, then use the learning function to learn the missing functions from the device's remote control. (Refer to the ***Learn Feature*** section on page 41.)
No display at all times	Replace batteries with four new AAA alkaline batteries.
No display when programming	Display has turned off due to inactivity. Start programming again and do not pause while performing instructions.
During programming, the LED displays a long flash.	An invalid entry has occurred. Check the keys to be pressed and start programming again.
How do I stop programming?	Press **SET** once to back up one step in programming. Press and hold **SET** to exit programming completely.
Changing channels does not work properly	If the original remote control required pressing **ENTER** to change channels, then press **ENTER** on the wireless controller after entering channel numbers.
No remote control of volume	Refer to the section ***Lock Volume Feature*** on page 44 to lock and unlock volume control.
Cannot program my combo device code	Make sure have selected the correct device key for your combo code.

Specifications

Satellite Frequencies . . . . .2322.293/2330.207 MHz

Terrestrial Frequencies . . . . 2326.250 MHz

Power Requirements . . . . 5 Volts DC

Dimensions. . . . . .1" x 2.6" x 3.6" (WxHxD)

26mm x 66mm x 92mm (WxHxD)

Antenna Type . . . . Indoor/Outdoor

Antenna Cable Length . . . . .21' (single micro-cable)

Connector Type . . . . .SMB

Audio Interface. . . . . .RCA-type Stereo L/R Connectors

Digital Optical Connector

RF Communication. . . . . 908 MHz

RF Frequency Range . . . . 100' open field

Signal to Noise Ratio 80dB

Weight . . . . .1 kg. (3.5 oz.)

Included Cable. . . . . .IR Blaster (6' cable)

NOTE: Design and specifications are subject to change without notice.

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SIRIUS ID

Write down the SIRIUS ID (SID) of your Sirius Conductor Tuner in the space provided below.

SID: _____

SIRIUS

SATELLITE RADIO

THE BEST RADIO ON RADIO™

SIRIUS Product Support: 1-800-869-5364
customercare@sirius-radio.com

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