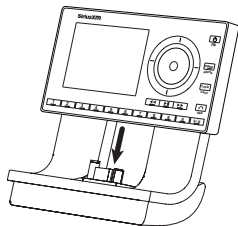# Vehicle Installation

Option 3: *Power*Connect Installation Instructions

1. If you are using the vent mounting method, attach the Vent Mount to the vehicle vent.

2. Insert your Onyx Plus into the dock.

3. Power on your Onyx Plus by pressing the **Power button**.

4. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the XM signal. There should be at least two bars in the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.

5. You'll first need to find an available FM channel. An available FM channel is one that's not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence – not talk or music. We recommend one of the following methods to find an available FM channel:

   a. Use the SiriusXM FM Channel
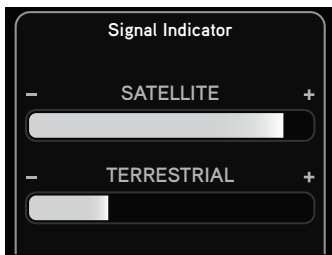
1   XM Preview

866-635-2349
siriusxm.com

Vehicle Installation

Finder at **www.siriusxm.com/fmchannel**. Go to the website and enter your zip code. The Channel Finder will suggest a list of available FM channels in your area. For convenience, write down or print out the list.

OR

b. Manually tune through your local FM channels on your vehicle's FM radio. Locate and create a list of channels that aren't being used by any FM radio station. Write down the list. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Onyx Plus.

> **TIP!** You'll need to use the 'Manual' tune function on your vehicle's FM radio to tune through every FM channel one-by-one. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9.
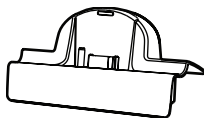
6. Ensure Onyx Plus is tuned to channel 1, the XM Preview channel. Upon power up, Onyx Plus should tune to channel 1 by default, when it's not yet activated. If it's not on channel 1, refer to "Listening to Satellite Radio" on page 51 to learn about how to tune a channel.

7. Pick the first FM channel on your list from step 5. Turn on your vehicle's FM radio (if you have not already done so) and tune it to this FM channel.
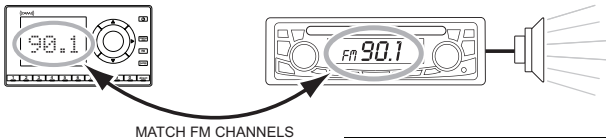
> **NOTE!** If you are using the Vehicle Dock from the Universal Xpress Car Kit instead of the *Power*Connect Vehicle Dock which came with your Onyx Plus, you will have to disable AUX Detect. Refer to "Using the Vehicle Dock From the Universal Xpress Car Kit" on page 102, and complete the additional

Vehicle Installation

instructions before continuing with the next step. The audio connection will be through your vehicle's FM radio, but it is not *Power*Connect.

8. Set your Onyx Plus to transmit on the same FM channel that you have selected in step 7:

MATCH FM CHANNELS

i. Press **menu**.

ii. Press ▼ to scroll to and highlight **FM Settings** and press the **Select button**.

iii. **FM Channels** will be highlighted. If it is not highlighted, press ▼ to scroll to and highlight **FM Channels**. Press the **Select button**.

iv. Press ▼ to scroll to and highlight the storage location **FM 2** and press the **Select button**.

v. Tune to the available FM channel you choose in step 3. Press ◀ and ▶ to tune in steps of .2, i.e., 99.3 to 99.5. Press ▼ and ▲ to tune in steps of 1, i.e., 99.3 to 100.3. Press the **Select button** to select the FM channel.

FM Channels		
FM 1	97.9	current
FM 2	_ _ _	
FM 3	_ _ _	
FM 4	_ _ _	
FM 5	_ _ _	

99.3 FM

Set your vehicle radio to the above channel to enable audio.

    vi. **Start Using** is highlighted. Press the **Select button.**

    vii. The FM channel you selected will be confirmed on the display screen. Onyx Plus will tune to the FM channel.

9. You should hear XM channel 1 through your vehicle's FM radio. If you are satisfied with the sound quality, the installation is complete. You are now ready to activate your Onyx Plus.

10. Go back to "Step 2: Install the Adhesive or Vent Mount" on page 14 and finish installing the Dash or Vent Mount. Then the installation is complete.

11. If the selected FM channel doesn't work well for you, work down the list of FM channels until you find one with which you are satisfied. Each time, you will need to tune your vehicle's FM radio to the FM channel and then set your Onyx Plus to transmit on the same FM channel (steps 7 & 8).

If the signal reception is good, showing at least two bars in the lower left corner of the display, but there is no XM audio, verify that both Onyx Plus and your vehicle's FM radio are tuned to the same FM channel (steps 7 & 8). Also ensure the chosen FM channel is a suitable one to use in your area (step 5). Verify that nothing is plugged into the **AUDIO** connector on the *Power*Connect Vehicle Dock. Refer to "Troubleshooting" on page 105 for additional help.

Option 4: FM Direct Adapter (FMDA) Installation

The FMDA needs to be installed by a professional installer. Professional installation can help improve your Radio's reception and significantly reduce the visibility of wires. To learn more, check with the retailer where you bought your Radio, or go to **www.siriusxm.com/accessories**.

Subscribe

You can follow either the general activation and subscription process or use the on-board activation guide to activate your Onyx Plus and subscribe to the XM service.

General activation and subscription process:

Subscribe to the XM service by following these steps:

1. Make sure your Onyx Plus is turned on, tuned to XM Preview channel 1, and receiving the XM signal so that you can hear the XM audio.

2. Make a note of the XM Radio ID. You can find it:
   - by selecting **Radio ID** in menu items
   - on channel 0 (zero)
   - on a label on the bottom of the gift box
   - on the label on the back of your Onyx Plus

   ![NOTE icon] **NOTE!** The XM Radio ID does not use the letters I, O, S, or F.

1	XM Preview

866-635-2349
siriusxm.com

.ıl

*The phone number shown above may differ from the one shown on your Onyx Plus. All numbers are valid.

3. To subscribe:
   - Online: Go to **www.siriusxm.com/activatenow** to access or set up an online account, subscribe to the service, and activate your Radio.
                OR
   - By phone: Call **1-866-635-2349**.

Activation usually takes 10 to 15 minutes after you have completed the subscription process, but may take up to an hour. We recommend that your Radio remain on until subscribed. Once subscribed, the Radio will receive

Subscribe

and you can tune to channels in your subscription plan.

Press ▲ or ▼ to tune to other channels, and ◀ or ▶ to browse the different categories of channels. Learn what all the buttons do by turning to "Navigation Basics" on page 48.

Activation guide:

For your convenience, Onyx Plus has an on-board activation guide. You can activate your radio and subscribe to the XM service by using this guide, where you will be guided step-by-step through the subscription process. To access and use the guide, simply follow these steps:
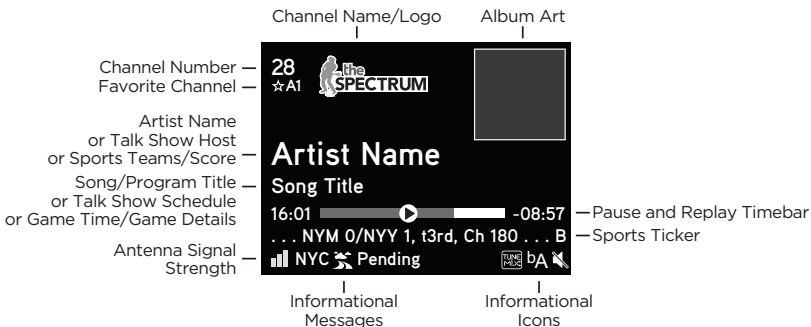
1. Turn Onyx Plus on and press the **menu button**.

2. **Activate Radio** will be highlighted. Press the **Select button**.

3. Follow the directions on each successive screen until you complete the subscription process.

```
            Menu
Activate Radio
Radio ID
FM Settings
Brightness
Audio Level
```

Using Your Onyx Plus

The Main Display

When listening to a channel, information about the channel and what is currently playing is displayed. In addition, other information may also be displayed.

Channel Name/Logo   Album Art

Channel Number —
Favorite Channel —

Artist Name
or Talk Show Host
or Sports Teams/Score —

Song/Program Title —
or Talk Show Schedule
or Game Time/Game Details

Antenna Signal
Strength —

28
☆A1
the SPECTRUM

Artist Name
Song Title
16:01   -08:57
. . . NYM 0/NYY 1, t3rd, Ch 180 . . . B
ılı NYC 🛪 Pending   bA 🔇

— Pause and Replay Timebar
— Sports Ticker

Informational
Messages

Informational
Icons

Using Your Onyx Plus

Navigation Basics

Power/FM Button

Pressing **Power/FM** turns Onyx Plus On or Off. Pressing and holding **Power/FM** provides easy tuning of FM presets for optimized *Power*Connect performance. It is not available when an Aux In Cable or Cassette Adapter is used for the audio connection.

Navigation Buttons

Pressing **Left**, **Right**, **Up**, and **Down** navigates through various features and functions of Onyx Plus.

- **Left ◀ or Right ▶ button:** Displays the channel categories such as Rock, Pop, Sports, Talk/News, etc. Repeated presses cycle through the categories one at a time. Also, decreases or increases the settings of various menu options such as Brightness, Audio Level, etc.

- **Up ▲ or Down ▼ button (press and release):** Immediately tunes to the next or previous channel in the channel lineup. Also, scrolls through lists and highlights an item in the list.

- **Up ▲ or Down ▼ button (press and hold):** Continuously scrolls through any list. While on the main display screen, continuously scrolls through the channel lineup and briefly displays the information of each channel. When the button is released, Radio tunes to the last channel it had scrolled to in the channel lineup.

Select Button

Pressing **Select** selects a highlighted item in a list and confirms settings. When in Tune Mix or Tune Scan mode, press **Select** to end Tune Mix/Scan and continue to listen to the currently tuned channel, or press and hold **Select** to end Tune Mix/Scan and return to the channel to

Using Your Onyx Plus Plus

which you were tuned before Tune Mix/Scan began playing.

Menu/Alerts Button

menu
alerts

Pressing **Menu/alerts** displays various options to make setup and feature changes. Pressing **menu/alerts** when in menu options returns to the previous menu option screen until menu options is exited. Pressing and holding **menu/alerts** when in menu options returns to the main display screen in most instances. Pressing and holding **menu/alerts** when at the main display screen prompts to save a song, artist, or game alert if you are tuned to a music channel or sports game where an alert can be saved.

Tune Mix/Tune Scan Button

t-mix
t-scn

Pressing **t-mix/t-scn** puts the radio in Tune Mix mode where the radio plays songs in a shuffle like way from the channels which you have saved as smart favorites. Pressing and holding **t-mix/t-scn** puts the radio in Tune Scan mode where the radio plays the first 10 seconds of each song that has not been listened to from each of the channels which you have saved as smart favorites.

Jump/twx Button

twx

Pressing **jump/twx** tunes to the previous channel that was playing previous to the currently tuned channel. Pressing it again returns it to the original channel. Pressing and holding **jump/twx** tunes to the channel broadcasting traffic and weather conditions of a city of your choice, selected from a list of the 22 most congested cities.

Banks/Direct Button

b/#

Pressing **b/#** changes the current favorite bank from bank A to bank B, or B to A. Pressing and holding **b/#** prompts for the entry of a channel number using the number buttons. Once the channel number is entered, the

Radio directly tunes to the new channel.

Number Buttons

<div style="text-align: right">`1` ··· `0`</div>

Each number button stores a favorite channel in its button
location and provides one touch access to it afterward. Number buttons
are also used to enter a channel number after pressing and holding **banks/
direct** to directly tune a channel.

Number buttons **1** through **9** are smart favorites while number button **0** is
not. Smart favorites remember up to 30 minutes of content that played on
the favorite channel so that when you tune the favorite channel you can
rewind up to 30 minutes. Smart favorites are also used for the TuneStart,
TuneMix, and Tune Scan features.

Using Your Onyx Plus

Listening to Satellite Radio

Tune to a channel:

1. Press and release ▲ and ▼ to immediately tune to the next or previous channel.

2. Press and hold ▲ and ▼ to quickly scroll through the channels. Release to tune to the channel that is displayed.

View a category:

Channels are organized into categories to make it easier for you to find the ones that suit your taste.

1. To view channels in a category in list mode press ◀ or ▶.

2. Scroll through the category using ▲ and ▼, and find the channel you want to tune.

3. Press the **Select button** to select the channel, or press ◀ or ▶ to view channels in the previous or next category.

TIP! To briefly listen to each channel in the category, scroll to and highlight Scan at the end of the category list and press the **Select button**. Refer to "Scanning Channels in a Category" on page 55 to learn more about Scan.

Using Your Onyx Plus

Direct Tune

A channel can be tuned directly by entering the channel number using the number buttons.

```
┌─────────────────────┐
│                     │
│     Direct Tune     │
│   Enter channel #   │
│        6 2 _        │
│                     │
└─────────────────────┘
```

1. To directly tune to a channel press **b/#**.

2. Use the number buttons **0**-**9** to enter the channel number and wait a moment until the channel is tuned, or press the **Select button** to immediately tune to the channel.

Return to Main Display Screen

Pressing and holding **menu/alerts** in most instances will return you to the main display screen. In some cases, you may need to follow the instructions on the display screen.

Jump and Traffic/Weather

Pressing **jump/twx** (⌒) will immediately tune to the previous channel to which you had been listening.

Pressing and holding **jump/twx** will tune to the traffic/weather for your city. If you had not previously set the city for your location, you will be prompted to set your city.

If the traffic/weather broadcast of your selected city is not immediately available, a message will be displayed at the bottom of the screen to indicate that a traffic/weather report is pending. Once the traffic/weather report is ready to be broadcast, the Radio will automatically tune to the traffic/weather channel. Since a channel may broadcast the traffic and

weather reports of more than one city, you may have to wait a few minutes for the broadcast of your selected city.

Pressing and holding **jump/twx** while a traffic/weather report is pending will cancel the traffic/weather report. Pressing **jump/twx** after the Radio has tuned to the traffic/weather channel will return back to the channel to which you had been listening immediately prior to the traffic/ weather channel.

Favorite Channels

You can set up to 20 of your favorite channels (10 in bank A and 10 in bank B) so you can easily access them. Each favorite channel can be assigned to a number button. An icon on the main display screen shows the currently selected bank ᵇA ᵇB . Change banks by pressing **b/#**.

Number buttons **1** through **9** are smart favorites while number button **0** is not. Smart favorites remember up to 30 minutes of content that played on

the smart favorite channels so that when you tune a smart favorite channel you can rewind up to 30 minutes. Smart favorites are also used for the TuneStart, TuneMix, and TuneScan features. When you save or replace a smart favorite the confirmation screen will indicate that you are saving or replacing a smart favorite.

Channels saved as smart favorites are indicated on the main display screen by a

Using Your Onyx Plus

star icon ☆ to the left of the favorite number.

To assign a favorite channel to a number button:

1. Tune to the desired channel.

2. Select the bank in which you want to save the favorite channel by pressing **b/#**.

3. Press and hold a number button between **0-9** that you want to assign to that favorite channel. An advisory with the channel number and name will be displayed on the screen confirming that the channel has been assigned.

To listen to a favorite channel:

1. Select the bank by pressing **b/#**.

2. Press the number button between **0-9** that was assigned to the desired favorite channel. Onyx Plus will tune to that channel.

> **TIP!** When you are at the main display screen, press ◀ to see your list of favorite channels. Scroll to highlight a favorite and press the **Select button** to listen to that channel.

To replace a favorite channel:

1. Select the bank by pressing **b/#**.

2. Press and hold the number button between **0-9** that you wish to replace with the currently tuned channel until the advisory message is show.

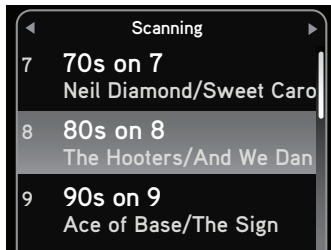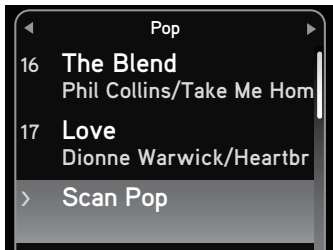3. Press **Select button** to replace the favorite, or **menu** to cancel.

Using Your Onyx Plus

Scanning Channels in a Category

You can scan a category and listen to each channel for 10 seconds before Onyx Plus automatically tunes to the next channel. If you want to stay tuned to the channel being played and stop the scan, just press the **Select button**.

To scan a category:

1. Press ◀ or ▶ until the desired category is displayed.

2. Scroll down to highlight the last item in the category which will be **Scan** and the category name.

3. Press the **Select button**. The scan will begin.

4. Press the **Select button** to stop the scan, and to continue to listen to the channel currently being played, or press ▼ or ▲ to return to the channel you were listening to before you began the scan.

Special Features

FM Presets

FM presets make it easy to quickly access stored FM channels and choose a new FM channel from them.

Use FM presets when you use *Power*Connect or the FMDA to listen to your Onyx Plus through your vehicle's FM radio. (Refer to "Option 3: *Power*Connect Installation Instructions" on page 41 for more information.)

```
103.7 FM

Set your vehicle radio to the
above channel to enable audio.
```

To use a different FM preset:

1. Press and hold **Power/FM** to display the FM Channels list showing the current FM preset.

2. Press ▼ or ▲ to highlight the FM preset, or use the number keys to select the corresponding FM preset, for example, pressing **3** will select FM3. Press **Select**. The Radio will tune to the selected FM channel. If the preset is the one you want, press **menu** or wait for the confirmation screen to time out.

```
            FM Channels
FM 1     97.9
FM 2     99.3      current
FM 3     103.7
FM 4     _ _ _
FM 5     _ _ _
```

3. Set your vehicle's FM radio to the same FM channel.

> **IMPORTANT!** You need to ensure that your vehicle's FM radio is tuned to the same FM channel.

> **TIP!** To configure the list of preset FM channels, you need to find available FM channels in your area. Refer to "Find Available FM Channels in Your Area" on page 86. Next, refer to "Set and Select an FM Channel" on page 88.

Special Features

Album Art

You choose to have the radio display the album art for the currently playing song. Album art is on by default.

To turn album art on or off:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Feature Settings**. Press the **Select button**.

3. Press ▼ to scroll to and highlight **Album Art**.

4. Press the **Select button** to toggle album art on or off.

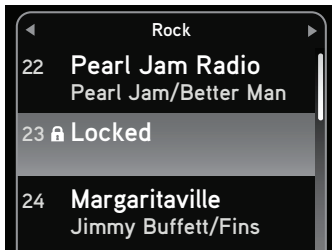5. Press and hold **menu** to return to the main display screen.

Special Features

Parental Controls

Onyx Plus has a parental control feature which allows you to lock access to channels, or lock access to an entire category. A 4-digit code controls access to the locked channel or locked category.

When you browse a category, the number of the locked channel will be shown but not the artist and song/program information. Instead, a lock icon 🔒 and the word "Locked" is shown. If you scroll through the channels using ▼ and ▲, the locked channels are skipped and are neither displayed, nor tuned.

```
┌─────────────────────────────┐
│ ◄        Rock            ►  │
│ 22  Pearl Jam Radio         │
│     Pearl Jam/Better Man    │
│                             │
│ 23 🔒 Locked                │
│                             │
│ 24  Margaritaville          │
│     Jimmy Buffett/Fins      │
└─────────────────────────────┘
```

If you attempt to tune to a locked channel, either by using direct tune or through the category list, you'll be prompted to enter your 4-digit code. When the correct code is entered, you'll be able to tune to and listen to the channel. All locked channels become unlocked and remain unlocked until you turn Onyx Plus Off, and back On. In the category list, the previously locked channels will show an unlocked icon 🔓.

To turn Parental Controls On (or Off):

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

   • If this is the first time you want to turn on Parental Controls, **Parental Controls** will be highlighted. Press the **Select button**. You will be prompted to select a 4-digit code:

Special Features

    i. For each digit, press one of the **0**-**9** keys (or press ▼ or ▲ to select digits) and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

    ii. When you have selected all 4 digits of your code press the **Select button**.

    iii. The Code Confirmation screen will be displayed. For your records, write down the code you have selected. Press the **Select button**. Continue with step 3.

• If you had previously selected a 4-digit code you will be prompted to enter your code:

    i. For each digit, press one of the **0**-**9** keys (or press ▼ or ▲ to select digits) and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

    ii. When you have selected all 4 digits of the code press the **Select button**.

3. At the "Parental Controls" screen, **Parental Controls** will be highlighted. Press the **Select button** to turn parental control On (or press the **Select button** to turn parental control Off).

4. Press and hold **menu** to return to the main display screen.

Code Confirmation

Your Parental Code is:

3287

You will need this code to change or turn off Parental Controls

Press Select to continue
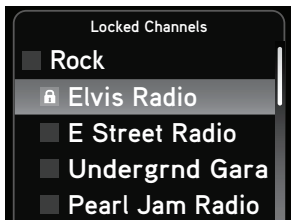

Enter Parental Code

0 0 0 0

Press OK to confirm
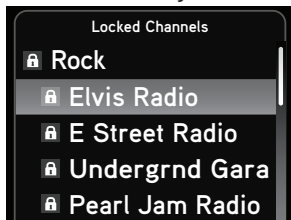
Special Features

To lock (or unlock) channels or categories:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

3. You will be prompted to enter the 4-digit code. For each digit, press one of the **0**-**9** keys (or press ▼ or ▲ to select digits) and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

4. When you have entered all 4 digits of the code press the **Select button**.

5. If **Parental Controls** is shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.

6. At the "Parental Controls" screen, Press ▼ to scroll to and highlight **Locked Channels**. Press the **Select button**.

7. A list of all the categories and the channels in each category will be displayed. Press ▼ and ▲ to scroll to and highlight a channel or category you want to lock. Press the **Select button**. A lock icon 🔒 will be displayed to the left of the channel or category you locked. (To

Locked Channels

Locked Channels
☐ Rock
🔒 Elvis Radio
☐ E Street Radio
☐ Undergrnd Gara
☐ Pearl Jam Radio

Locked Categories

Locked Channels
🔒 Rock
🔒 Elvis Radio
🔒 E Street Radio
🔒 Undergrnd Gara
🔒 Pearl Jam Radio

Special Features

unlock a locked channel or category, simply highlight the locked channel or category and press the **Select button**. The lock icon will disappear indicating the channel or category is unlocked.)

8. You can continue to lock and unlock as many channels or categories as you wish. When you are finished, press and hold **menu** to return to the main display screen.

To change your code:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

3. You will be prompted to enter your existing 4-digit code. For each digit, press one of the **0**-**9** keys (or press ▼ or ▲ to select digits) and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

4. When you have entered all 4 digits of the code press the **Select button**.

5. If **Parental Controls** are shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.

6. At the "Parental Controls" screen, Press ▼ to scroll to and highlight **Change My Code**. Press the **Select button**.

7. You will be prompted to enter a new 4-digit code. For each digit, press one of the **0**-**9** (or press ▼ or ▲ to select digits) keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a

Code Confirmation

Your Parental Code is:

3287

You will need this code to change or turn off Parental Controls

Press Select to continue