



VAIS TECHNOLOGY

www.vaistech.com

Owner's Manual

GSR

Generation 2

SiriusXM Satellite Radio interface

(SXV300 SiriusXM Tuner required)



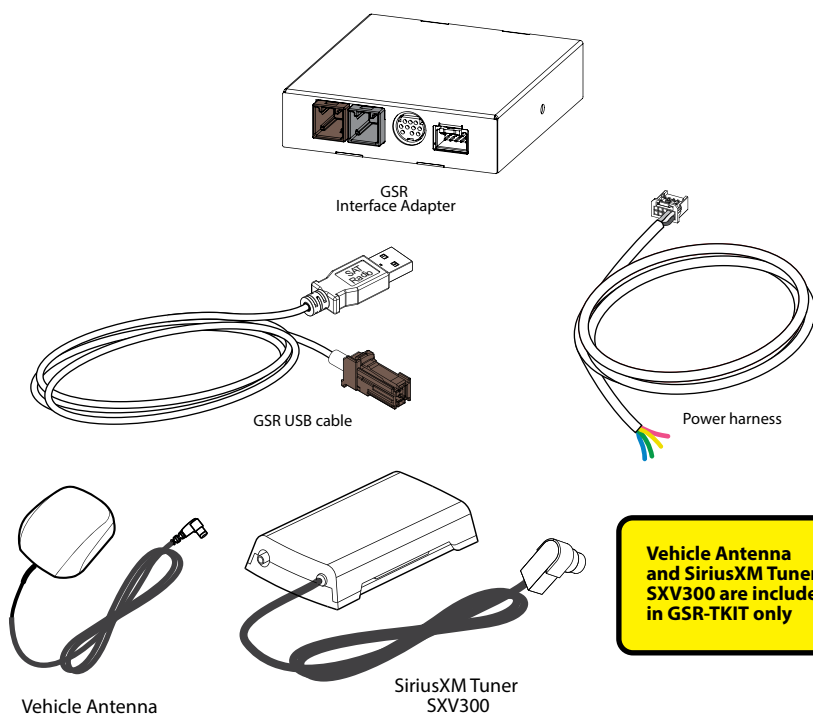
GSR-UV01-MAN

UNIVERSAL

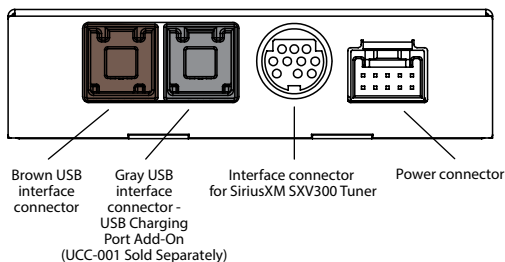


WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

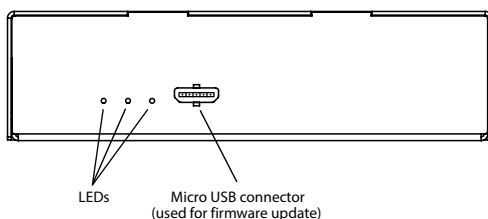
What's Included



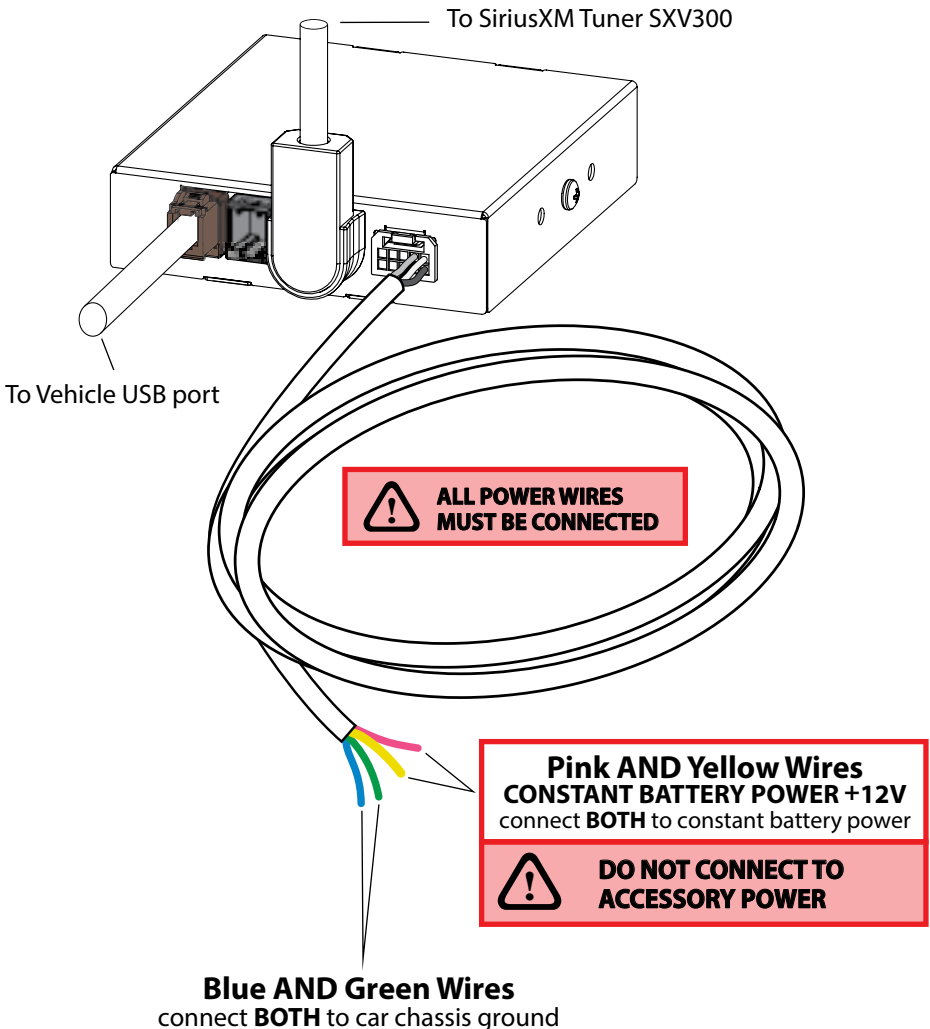
GSR Connectors and Ports



GSR
(Generation 2)



Connecting GSR

**CONSTANT BATTERY POWER ONLY**

⚠ GSR-UVxx Firmware Update

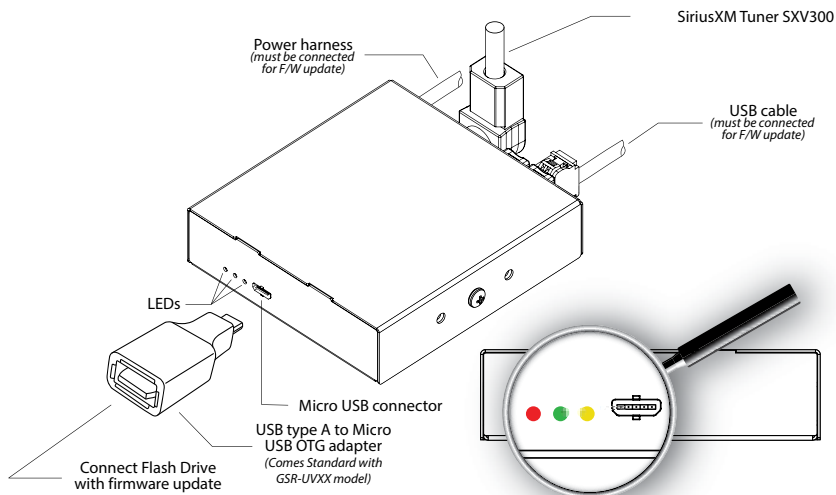
GSR-UVxx Universal Unit is the *ONLY* Model you must flash

A vehicle-specific firmware update is **ONLY** necessary for a GSR-UVxx model. There is no need to update the firmware if you have a different model.

If you have a GSR-UVxx model, see below and the next page for information on configuring this unit for your vehicle.

We strongly recommend that you install the unit in an easily accessible location, so you can later update the firmware.

About GSRxx (Gen 2) firmware update



LED Guide

1. Red LED lights up and then Yellow and Green - Update was successful.
2. Red LED lights up, and then Yellow and Red LED - Corrupt file, no file, error during update.
3. Red LED lights up, and Red steady and Green blinking - update failed.
4. If Red LED never lights up, and LEDs just go to Yellow and Green LEDs then GSR didn't detect the flash drive and loaded normally.
5. Green LED is blinking - Firmware loading failed.

Update instructions YouTube Video
can also be viewed here:

<https://youtu.be/w0W9DbNy1Nc>



Log in to Dealer Portal at
www.vaistech.com to download
the firmware and update instructions.

**Firmware Update Troubleshooting**

Problem	Solution
I connected the flash drive with a firmware on it and nothing happened	<ol style="list-style-type: none"> a. Verify to make sure your PC didn't add special characters after the file name. Sometimes (1) is added by PC operating system. File name should read gsr_XXXX_1_03_XXX.bin - no characters should be added after .bin b. Plug the flash drive back to your PC and check the file name. If your extension didn't change from .bin to .ok it means that GSR: <ol style="list-style-type: none"> 1. doesn't recognize the flash drive or 2. doesn't recognize the file c. Format your flash drive to FAT32 and make sure no other files are present on your flash drive
I can't open update file if I double click on it	Update file is a bin file and not designed to be opened. You need to save it on your flash drive in order to flash the GSR-UVXX unit

General Information

- Illustrations in this Owners Manual are for reference only. Your radio and the screens displayed will vary by car manufacturer and radio.
- Some functions of your radio may not be available while the vehicle is in motion. When present, steering wheel controls are always available.
- For questions about your SiriusXM subscription contact SiriusXM at 1-866-635-2349.

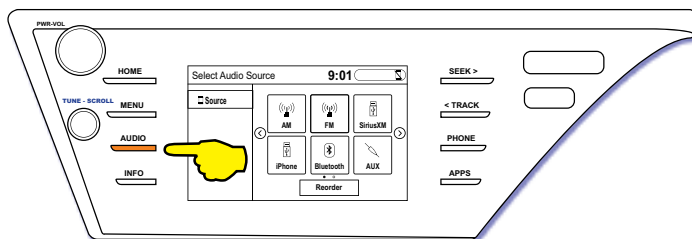
Varies
by Radio

Select SiriusXM as the Audio Source

A Select **Audio** or **Media** or **Source**:



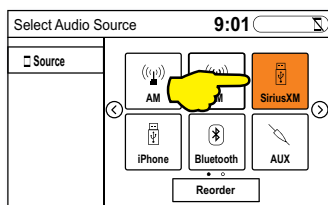
Varies
by Radio



B Select **SiriusXM** or **SXM** or **iPod** or **USB**:



Varies
by Radio

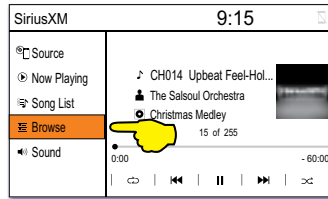


Browse and Select SiriusXM Channels

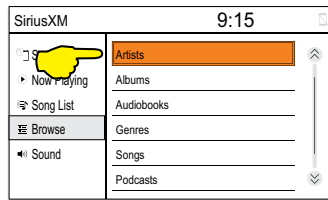
A Select **Browse** or **List** or **Menu**:



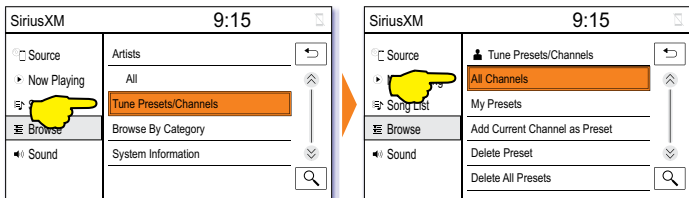
Varies by Radio



B Select **Artists**:



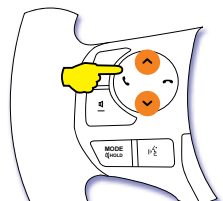
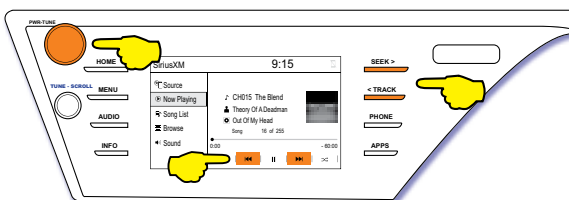
C Select **Tune Presets/Channels**, select **All Channels**, and select a channel:



D Use **Track Seek** or **Tune** to tune previous/next channel:



Varies by Radio

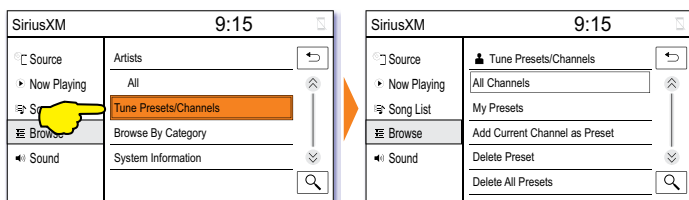


Presets

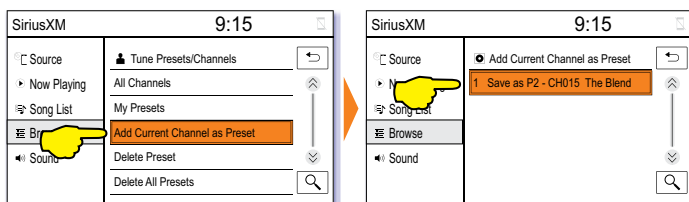
Add a Preset

A Follow **A** and **B** on page 9 (select **Browse** or **List** or **Menu** and then select **Artists**).

B Select **Tune Presets/Channels**:



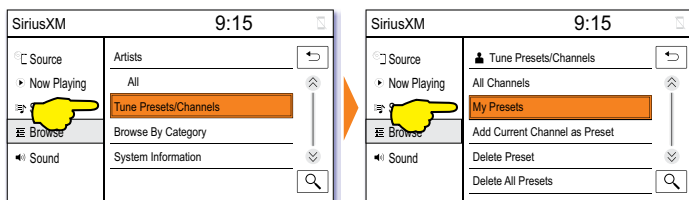
C Select **Add Current Channel as Preset**, and select the channel:



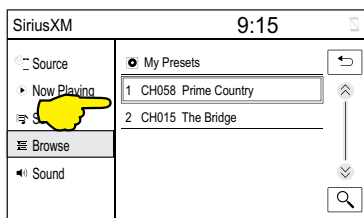
Tune a Preset

► **To select a specific Preset:**

A Select **Tune Presets/Channels**, and select **My Presets**:

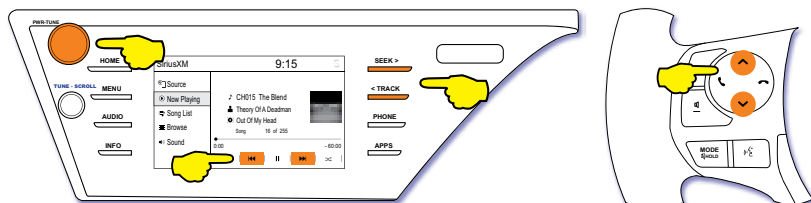


B Select a preset:



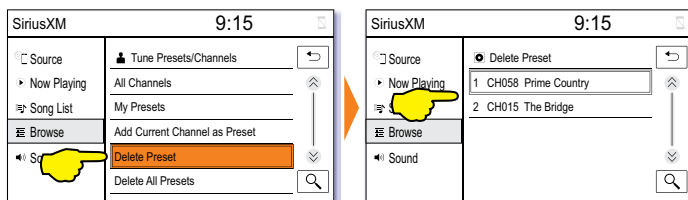
► To quickly tune the previous or next Preset:

Long press **Track Seek** to tune previous/next preset:



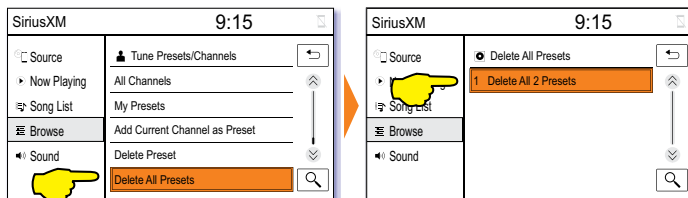
Delete a Preset

Select **Delete Preset**, and select the preset to be deleted:



Delete All Presets

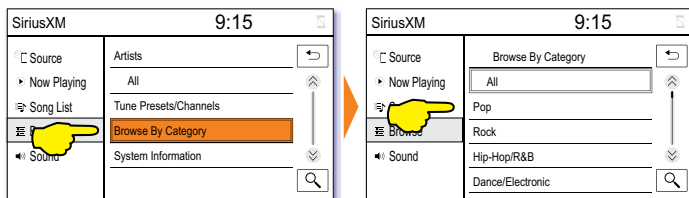
Select **Delete All Presets**, and select **Delete All [x] Presets**:



Browse SiriusXM Categories

A Follow **A** and **B** on page 9 (select **Browse** or **List** or **Menu** and then select **Artists**).

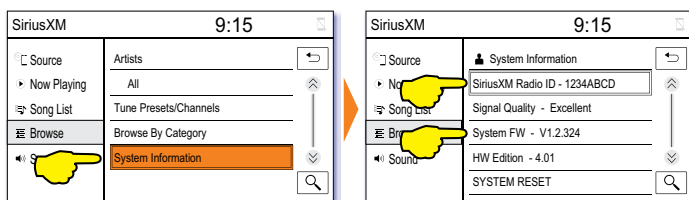
B Select **Browse By Category** and select a category:



System Information

A Follow **A** and **B** on page 9 (select **Browse** or **List** or **Menu** and then select **Artists**).

B Select **System Information** to show the **SiriusXM Radio ID** and the **System FW (Firmware)**:



Troubleshooting

Problem	Solution
My presets are gone after I turn the car off	GSR requires constant 12V power connection. If the GSR doesn't keep presets after the car is turned off, this means GSR was connected to Accessory power source
SiriusXM doesn't appear as the source	Verify the power connection by checking the power harness connection or by verifying the lights at LEDs on the GSR module Verify the USB connection between the GSR and vehicle's USB port
Check Antenna message	Verify the antenna connection to the tuner
No Signal message	Make sure the SiriusXM antenna has a clear view of the southern sky
Check Tuner message	Verify the tuner connection to the GSR module or replace the tuner

WARNING

DO NOT DISASSEMBLE OR ALTER

Doing so may result in an accident, fire or electric shock

Do not block the airbag

Do not mount product or any added audio and/or video equipment where it can obstruct the operation of any safety devices such as the airbag.

Distraction warning

Do not let product or any added audio and/or video equipment distract you while you are driving.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL

Before starting any installation work, you must wait 90 seconds after turning the ignition switch to the LOCK position and disconnecting the negative (-) terminal from the battery. The supplemental restraint system (airbag) is equipped with a backup power source. If installation work is started less than 90 seconds after disconnection of the negative (-) battery terminal, the SRS may deploy. When the negative (-) terminal cable is disconnected from the battery, the clock and audio systems memory will be erased. Before starting installation work make a record of the clock and audio systems memory settings. When installation is complete, reset the clock and audio systems to their previous settings. Check power tilt, power telescopic steering column, front power seats, power mirrors, and power shoulder belt anchorage are equipped with a memory function. When installation is complete, it is necessary to readjust the features to their previous settings. Never use a backup power supply (such as another battery) during installation work to avoid losing these memory settings.

CAUTION

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 ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS

Cables or wiring that obstruct or get caught on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST

Moisture or dust may result in product failure.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS

The wiring and installation of this product requires special technical skills and experience.

USE ONLY SPECIFIED ACCESSORY PARTS

Use of other than specified parts may damage product internally.

FOLLOW THE OPERATIONAL AND INSTALLATION MANUALS.

YOU SHOULD READ AND FAMILIARIZE YOURSELF THOROUGHLY WITH THE FOLLOWING INFORMATION PRIOR TO INSTALLING AND USING THIS UNIT. IN ADDITION, YOU MUST CAREFULLY READ AND FOLLOW THE INSTALLATION SCHEMATICS/INSTRUCTIONS FOR THE PRODUCT AND THE VEHICLE IN WHICH IT IS BEING INSTALLED. FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY DAMAGE THE PRODUCT AND THE VEHICLE, WILL VOID THE PRODUCT WARRANTY, AND MAY VOID THE VEHICLE WARRANTY

CHECK YOUR LOCAL LAWS

Some States/Provinces or other governmental jurisdictions (such as cities) may have laws that prohibit the operation of a video screen within the sight of the Driver. If you have purchased such a product, you should use the product only in locations where it is legal to do so, and if you do use the product, set up the screen so it is only visible to passengers.

TROUBLESHOOTING

Should this product fail to operate properly, please contact your Dealer or our Customer Service Department at info@vaistech.com.

About SiriusXM Satellite Radio Operation

The unit may refuse to change the channel if your reception is going ON and OFF.

Please wait until your reception stabilizes in order for the unit to allow you to change the channel easily.

Due to bad reception in some areas, SiriusXM Satellite Radio may not work and/or not able to display text.



Warranty is available for download: <https://www.vaistech.com/download/15244/>

To request a paper warranty copy please contact us:

VAIS Technology
Warranty Department
8811 American Way
Unit 125
Englewood, CO 80112
720-733-2348
sales@vaistech.com



GSR-UV01-MAN