



# VAIS TECHNOLOGY

[www.vaistech.com](http://www.vaistech.com)

## Owner's Manual

---

# GSR

## Generation 2

## Model GSR



(SiriusXM Connect Tuner and Subscription are required. Sold separately.)

# MAZDA

## Interface Adapter



GSR-MZ0X-MAN

---

**Compatible with select Mazda models.  
Refer to GSR application guide for details.**



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Before You Start

**3**

Installation

**5**

SiriusXM Source Selection

**7**

User Interface - Channels, Presets, Categories

**9**

Troubleshooting

**11**

Warranty

**11**

**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 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. Power tilt, power telescopic steering column, front power seats, power mirrors, and power shoulder belt anchorage are equipped with a memory function. The rear power seat is not equipped with a memory function. e and they can make a record of the memory contents, rear power seat is not equipped with the 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](mailto:info@vaistech.com).

**IMPORTANT**

This unit is an interface adapter for Toyota/Scion head unit to control the SiriusXM Tuner SXV300 (SOLD SEPARATELY).

**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.

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit [www.siriusxm.com](http://www.siriusxm.com).

The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as by looking on the label found on the SiriusXM Connect tuner and its packaging.

After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your radio and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the USA, you can activate online or by calling SiriusXM Listener care:

- Visit [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow)
- Call SiriusXM Listener Care at 1-866-635-2349

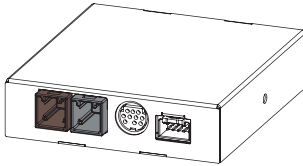
For Canadian Subscriptions, please contact:

- Visit [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm)
- Call XM customer Care at 1-877-438-9677

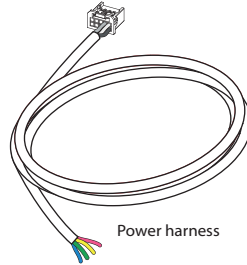
As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "SUBSCR UPDATE" "< please wait >". Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

Sirius, XM, SiriusXM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.

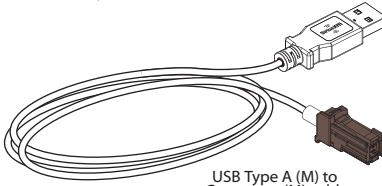
## What's Included



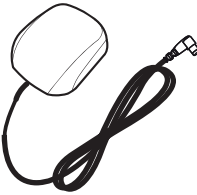
GSR  
Interface Adapter



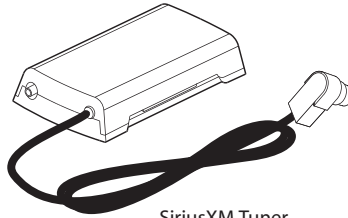
Power harness



USB Type A (M) to  
Connector (M) cable



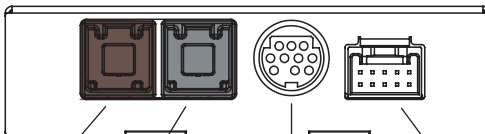
Vehicle Antenna



SiriusXM Tuner  
SXV300

**SiriusXM Connect Tuner  
and Subscription are  
required. Sold separately.**

## GSR Connectors and Ports



Brown USB  
interface  
connector

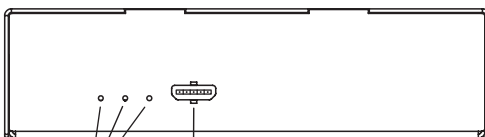
Grey USB  
interface  
connector

Interface connector  
for SiriusXM SXV300 Tuner

Power connector

# GSR

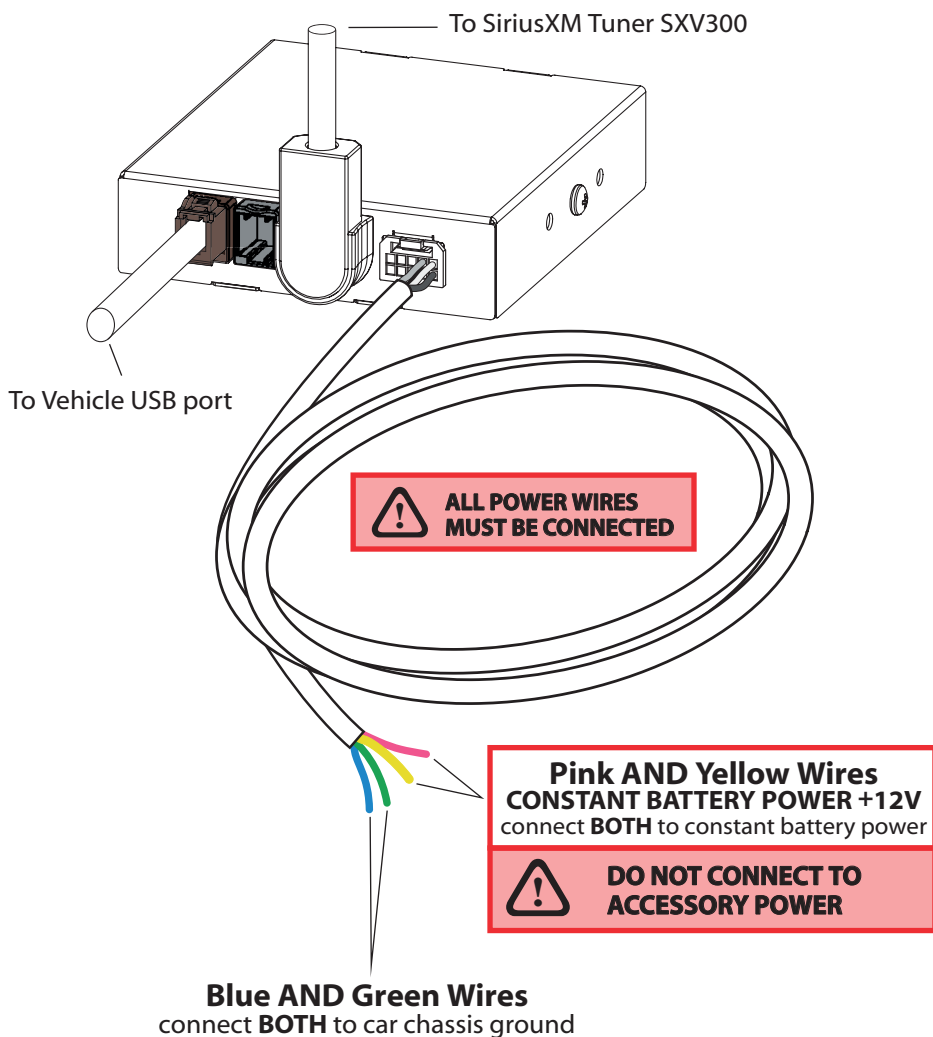
Generation 2



LEDs

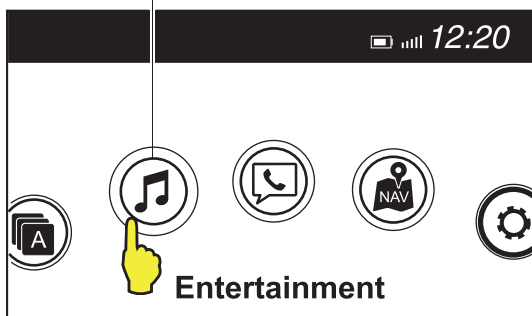
Micro USB connector  
(used for firmware update)

## Connecting GSR

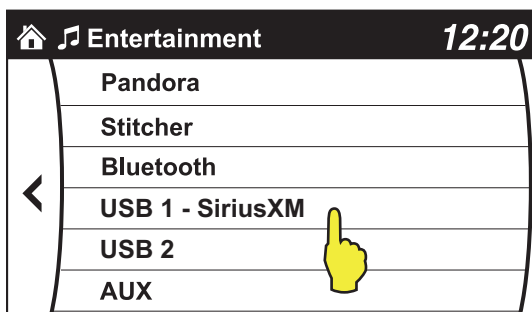
**CONSTANT BATTERY POWER ONLY**

A

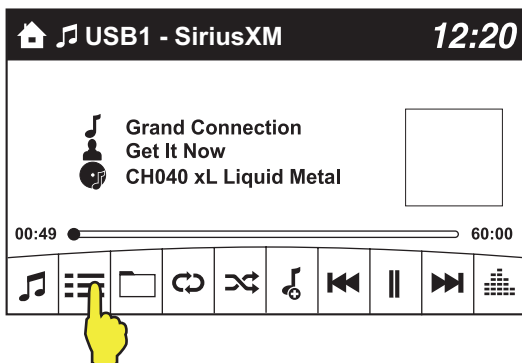
Touch to select desired Audio Source



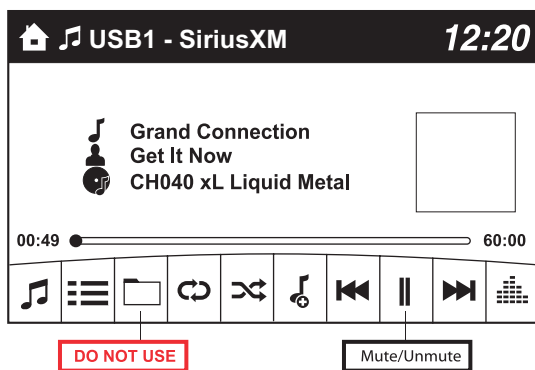
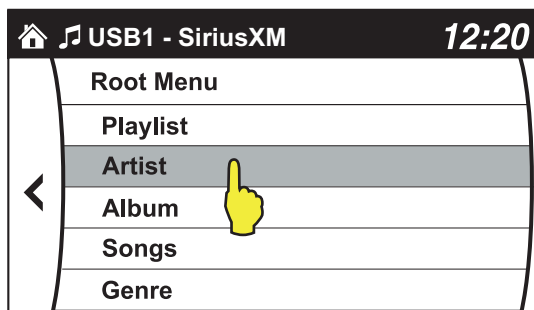
B



C



D



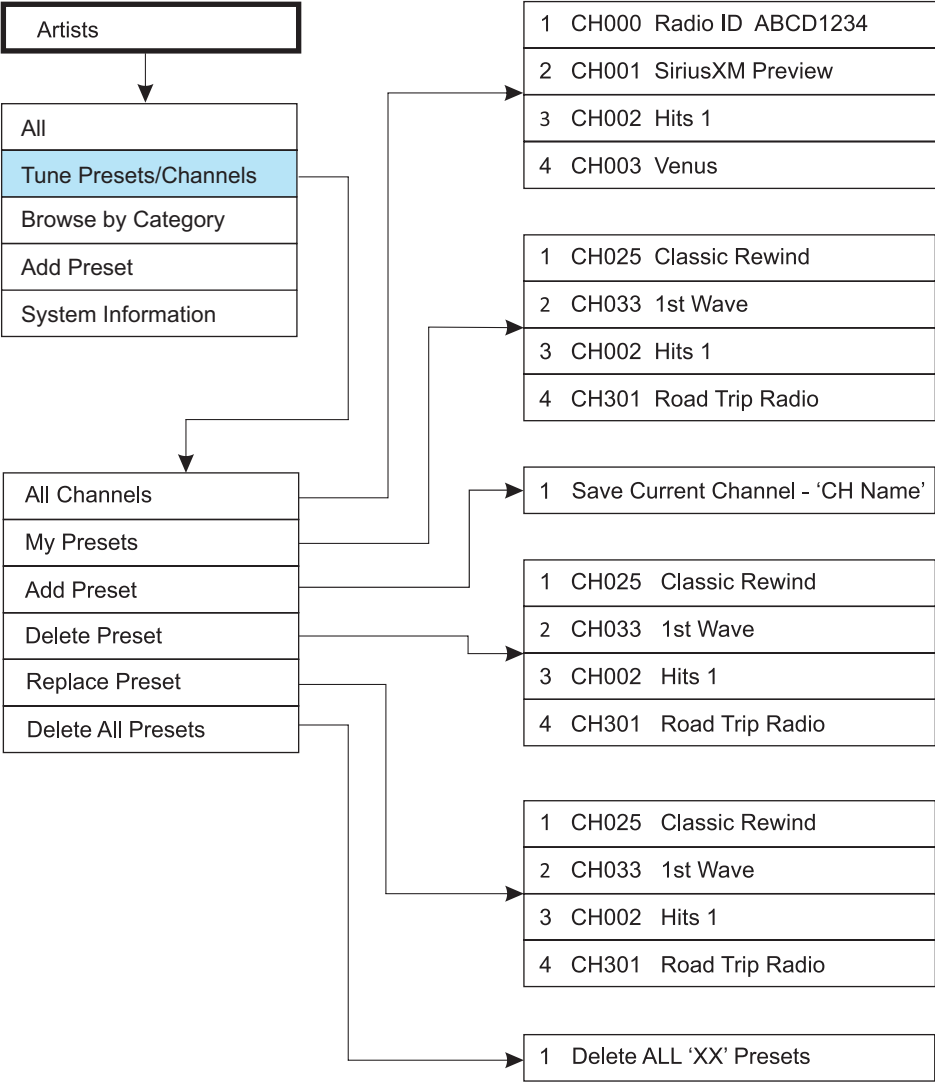
On the radio or steering wheel:

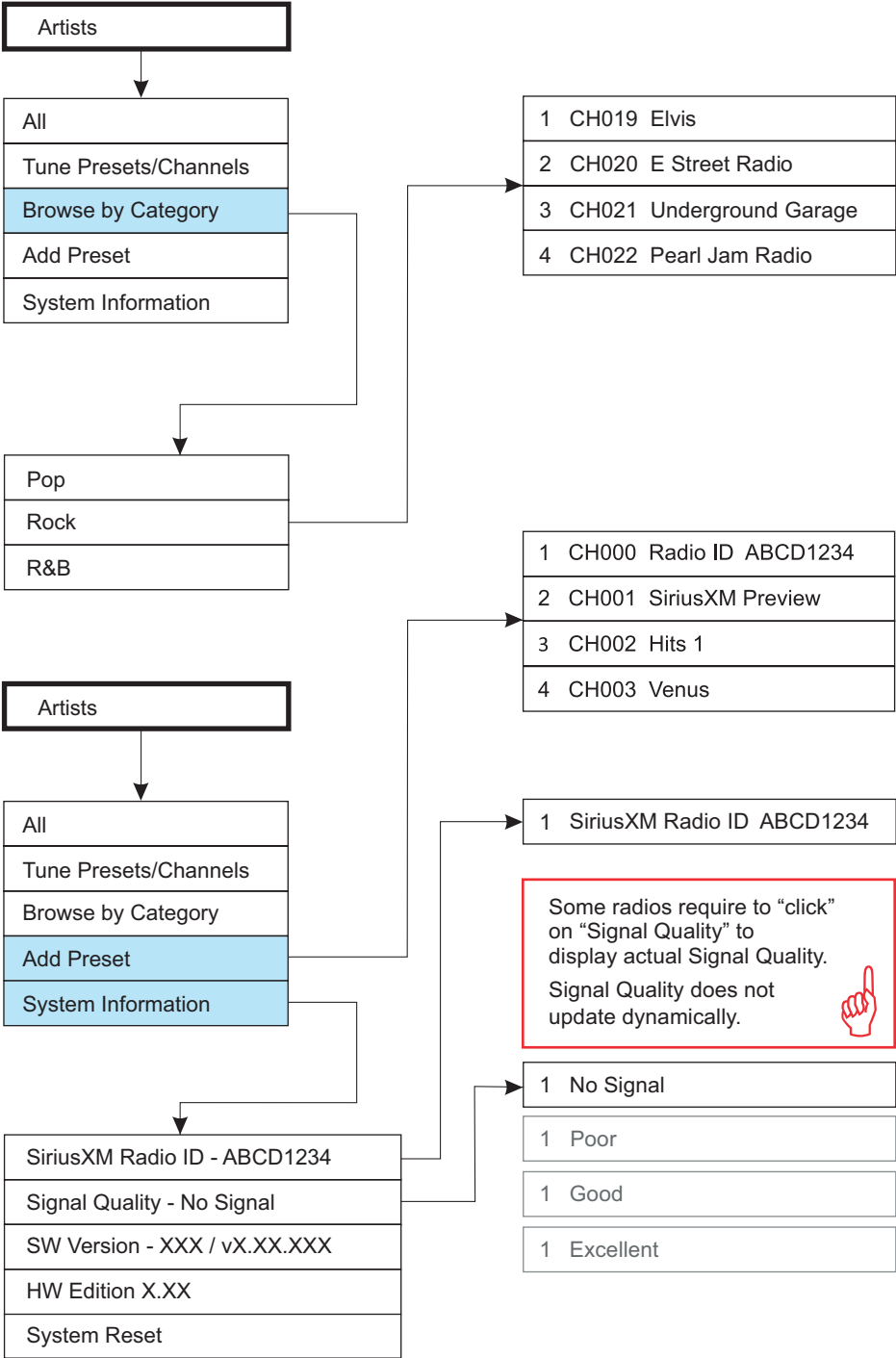
Touch "Track Seek ►►" or "Track Seek ◄◄" to switch to next available channel.

Long Touch on "Track Seek ►►" or "Track Seek ◄◄" to switch between Presets.









## System Messages

System Message	Solution
"Loading" then after 30 seconds "Check Tuner"	Check the SXV300 Vehicle Connect Tuner connection to the Add On Adapter Module. If the message is displayed when the tuner is connected this indicates a defective tuner. Replace the SXV300 Vehicle Connect Tuner.
"Check Antenna"	Check the antenna connection to the SXV300 Vehicle Connect Tuner. If the message is displayed when the SiriusXM antenna is connected this indicates a defective SiriusXM antenna. Replace the antenna.
"No Signal"	Make sure the SiriusXM antenna has a clear view of sky. Check the antenna connection to the SXV300 Vehicle Connect Tuner. If the message is displayed when the SiriusXM antenna is connected this indicates a defective SiriusXM antenna. Replace the antenna.
"CHXXX UNAVAIL"	The channel you are tuned to has become unavailable. Tune to a different channel.
"UNSUB/UNAVAIL"	The preset channel that you have tuned to has become unavailable. Tune to a different channel.
"SUBSCR UPDATE" "< please wait >"	SiriusXM is updating the channel subscription. This may take up to 15 to 20 seconds to complete. Once completed the messages, "SUBSCR UPDATED" and "< tune CH to close >" will be displayed. Tune to a channel to dismiss the message.

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](mailto:sales@vaistech.com)



GSR-MZ0X-MAN

VAIS Technology, 8811 American Way, Englewood, CO 80112  
[www.vaistech.com](http://www.vaistech.com) Phone: 720-733-2348 [sales@vaistech.com](mailto:sales@vaistech.com)