

STINGER CTSGM-49

Connects2 CTSGM-49 Radio Replacement Module User Manual

Model: CTSGM-49 | Brand: STINGER

INTRODUCTION

The Connects2 CTSGM-49 Radio Replacement Module is designed to facilitate the installation of an aftermarket car stereo in select GM vehicles manufactured between 2004 and 2016. This module ensures the retention of critical factory functions, including steering wheel controls and various vehicle chimes, while preventing fault codes in the vehicle's Electronic Control Module (ECM).

PRODUCT FEATURES

- **Radio Replacement Simplification:** Streamlines the integration of an aftermarket head unit into your vehicle's existing electrical system.
- **Steering Wheel Control (SWC) Retention:** Maintains the functionality of your factory steering wheel buttons for audio control (volume, track, etc.).
- **Factory Chime Retention:** Preserves all original vehicle chimes, including safety and warning alerts (e.g., low fuel, seatbelt, park assist).
- **ECM Fault Code Prevention:** Sends correct data to the vehicle's ECM to prevent fault codes that can occur when the factory radio is removed, ensuring proper vehicle diagnostics.
- **Accessory Power Output:** Provides a +12V switched accessory power source (rated at 0.3A) for the aftermarket radio. *Note: This output is not intended to power the head unit directly.*

PACKAGE CONTENTS



The Connects2 CTSGM-49 package includes the following components:

- Connects2 CTSGM-49 Radio Replacement Module
- Vehicle-specific Wiring Harnesses
- Chime Speaker (for factory chime retention)

Image shows the main module, various wiring harnesses for vehicle integration, and a small speaker for retaining factory chimes.

VEHICLE COMPATIBILITY

This module is compatible with a range of GM vehicles. Please refer to the table below to confirm your vehicle's compatibility and supported steering wheel control functions. Note that some vehicles may not be compatible if fitted with factory navigation for specific model years.

Vehicle Compatibility Table

Make	Model	Year	Harness	Steering Wheel Control Functions Supported	Notes
Buick	Enclave	2008 - 2012	A	Y	
	Lucerne	2006 - 2010	A	Y	
Chevrolet	*Avalanche	2007 - 2013	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
	Cobalt	2007 - 2010	B	N	
	Cobalt	2005 - 2006	C	N	
	Equinox	2007 - 2009	A	Y	
	Express Van	2008 - 2016	A	Y	
	HHR	2006 - 2011	B	N	
	Impala/Impala SS	2006 - 2013	A	Y	
	Malibu	2008 - 2010	B	N	
	Malibu (excluding Classic)	2004 - 2012	C	N	
	Malibu Maxx	2004 - 2006	C	N	
	Monte Carlo	2006 - 2007	A	Y	
	Silverado 1500-3500 (excluding Classic)	2007 - 2013	A	Y	
	*Suburban	2007 - 2014	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
	*Tahoe	2007 - 2014	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
	Traverse	2009 - 2012	A	Y	
GMC	Acadia	2007 - 2012	A	Y	
	Savana	2008 - 2016	A	Y	
	*Sierra 1500-3500 (excluding Classic)	2007 - 2013	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
	*Yukon	2007 - 2014	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
	*Yukon XL	2007 - 2014	A	Y	Not compatible with vehicles fitted with factory navigation for 2012 - 2013
Hummer	H2	2008 - 2009	A	Y	
Pontiac	G5	2007 - 2009	B	N	
	G6	2008 - 2009	B	N	
	G6	2005 - 2007	C	N	
	Solstice	2007 - 2009	B	N	
	Torrent	2007 - 2009	A	Y	
Saturn	Aura	2007 - 2009	B	N	
	Outlook	2008 - 2009	A	Y	
	Sky	2007 - 2009	B	N	
Suzuki	XL7	2007 - 2010	A	Y	

The table details compatible Buick, Chevrolet, GMC, Hummer, Pontiac, Saturn, and Suzuki models, their respective years, harness type (A, B, C), and whether Steering Wheel Control (SWC) functions are supported (Y/N). Specific notes regarding factory navigation compatibility are also included.

Key Compatibility Notes:

- **Buick:** Enclave (2008-2012), Lucerne (2006-2010)
- **Chevrolet:** Avalanche (2007-2013), Cobalt (2005-2010), Equinox (2007-2009), Express Van (2008-2016), HHR (2006-2011), Impala/Impala SS (2006-2013), Malibu (2004-2012), Monte Carlo (2006-2007), Silverado 1500-3500 (2007-2013), Suburban (2007-2014), Tahoe (2007-2014), Traverse (2009-2012). *Note: Suburban/Tahoe/Sierra/Yukon models from 2012-2013 are not compatible if fitted with factory navigation.*
- **GMC:** Acadia (2007-2012), Savana (2008-2016), Sierra 1500-3500 (2007-2013), Yukon (2007-2014), Yukon XL (2007-2014).
- **Hummer:** H2 (2008-2009)
- **Pontiac:** G5 (2007-2009), G6 (2005-2009), Solstice (2007-2009), Torrent (2007-2009)
- **Saturn:** Aura (2007-2009), Outlook (2008-2009), Sky (2007-2009)
- **Suzuki:** XL7 (2007-2010)

INSTALLATION GUIDE

Installation of the CTSGM-49 module requires basic automotive electrical knowledge. It is recommended to consult a professional installer if you are unsure about any steps. Always disconnect the vehicle's battery before beginning installation.

General Installation Steps:

1. **Prepare Vehicle:** Ensure the vehicle's ignition is off and disconnect the negative terminal of the battery.
2. **Remove Factory Radio:** Carefully remove the existing factory radio from the dashboard.
3. **Connect Wiring Harnesses:** Connect the vehicle-specific wiring harnesses from the CTSGM-49 module to the vehicle's factory wiring. Ensure all connections are secure.
4. **Connect Aftermarket Radio:** Connect the other end of the CTSGM-49 harnesses to your aftermarket car

stereo's wiring. Pay close attention to power, ground, speaker, and accessory wire connections.

- 5. **Integrate Chime Speaker:** Connect the provided chime speaker to the designated output on the CTSGM-49 module. Position the speaker in a location where chimes can be clearly heard but are not obstructed.
- 6. **Module Placement:** Securely mount the CTSGM-49 module in a safe, dry location behind the dashboard, away from moving parts or heat sources.
- 7. **Test System:** Reconnect the vehicle's battery. Turn on the ignition and test the aftermarket radio's functionality, including audio, steering wheel controls, and factory chimes. Verify that no new warning lights appear on the dashboard.
- 8. **Reassemble Dashboard:** Once all functions are confirmed, carefully reassemble the dashboard components.

For detailed wiring diagrams and specific vehicle instructions, please refer to the comprehensive installation manual provided with your product or consult the manufacturer's website.

OPERATION

Once installed, the Connects2 CTSGM-49 module operates automatically to maintain factory functions. There are no user-adjustable settings on the module itself.

Steering Wheel Controls:

Your factory steering wheel controls will function as they did with the original radio, allowing you to control basic functions of your aftermarket head unit such as:

- Volume Up/Down
- Track Up/Down (Next/Previous)
- Mode/Source Selection
- Call Answer/End (if supported by your aftermarket radio and vehicle)

The specific functions retained may vary slightly depending on your vehicle's original configuration and the capabilities of your aftermarket radio.

Factory Chimes:

All factory chimes (e.g., seatbelt warning, door ajar, low fuel, park assist) will continue to sound through the dedicated chime speaker provided with the module. The volume of these chimes is typically controlled by the vehicle's factory settings or is fixed.

TROUBLESHOOTING

If you encounter issues after installing the CTSGM-49 module, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to aftermarket radio.	Incorrect wiring, blown fuse, or module not receiving power.	Check all wiring connections, especially power and ground. Verify vehicle fuses. Ensure the module is properly connected to the vehicle's power source. Remember the module's accessory power output is 0.3A and not for powering the head unit directly.

Problem	Possible Cause	Solution
Steering wheel controls not working.	Incorrect SWC wiring, incompatible aftermarket radio, or vehicle not supported for SWC retention.	Verify the SWC wires are correctly connected between the module and the aftermarket radio. Check your aftermarket radio's manual for SWC input configuration. Confirm your vehicle model and year are listed as supporting SWC in the compatibility table.
No factory chimes or chimes are too quiet/loud.	Chime speaker not connected, faulty speaker, or incorrect module connection.	Ensure the chime speaker is securely connected to the module. Check the speaker for damage. Verify all module connections are firm. Chime volume is typically fixed by the vehicle's system.
Check Engine Light or other warning lights appear.	Module not communicating correctly with vehicle's ECM.	Double-check all module connections. Ensure the module is receiving proper power and data signals. If issues persist, consult a professional installer or vehicle technician.

If troubleshooting steps do not resolve the issue, please contact *STINGER* customer support for further assistance.

SPECIFICATIONS

- **Model Number:** CTSGM-49
- **Brand:** STINGER
- **Material:** Acrylonitrile Butadiene Styrene
- **Item Weight:** 5.6 ounces
- **Package Dimensions:** 9 x 4.5 x 1.75 inches
- **Connector Type:** Rectangular Or Circular Connector
- **Accessory Power Output:** +12V, 0.3A (max)
- **Compatibility:** Select GM Buick/GMC/Hummer/Pontiac/Saturn/Suzuki Vehicles (2004-2016) with GM LAN 29 Bit system.

WARRANTY AND SUPPORT





STINGER products are designed for reliability and performance. For information regarding warranty coverage, technical support, or replacement parts, please visit the official STINGER website or contact their customer service department.

Manufacturer: STINGER

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For the most up-to-date support resources, please visit the [STINGER Store on Amazon](#) or their official website.

Related Documents

	<p>Stinger SRK-JK11HX HORIZON10 Installation Kit for Jeep Wrangler JK (2011-2018) - Installation Guide</p> <p>Comprehensive installation guide for the Stinger SRK-JK11HX HORIZON10 integration kit for 2011-2018 Jeep Wrangler JK models. Learn how to install, connect wiring, and retain vehicle features.</p>
	<p>Stinger HEIGH10 Installation Guide for Ford Ranger 2016+</p> <p>Comprehensive installation guide for the Stinger HEIGH10 integrated infotainment touch screen solution for Ford Ranger 2016+ models. Includes stereo removal, fascia plate setup, and interface configuration.</p>
	<p>Stinger iE268 Navigation Multimedia Receiver User Guide</p> <p>Comprehensive guide to the Stinger iE268 Navigation Multimedia Receiver, covering features like Radio, SiriusXM, Android Auto, Apple CarPlay, Bluetooth, USB, and camera functions.</p>
	<p>Stinger HORIZON12 SRX-GM14128 User Guide</p> <p>User guide for the Stinger HORIZON12 SRX-GM14128 infotainment system, detailing its features, operation, and integration with GM trucks.</p>