



COMPONENTS

- MET-GM8 interface
- Vehicle-specific harness
- 3.5mm pigtail

Data Interface with SWC

Fits Select GM Models **2006-2017**

FEATURES

- Designed for non-amplified and amplified systems
- Works with major and lesser-known radio brands
- Provides accessory power (12-volt)
- Retains audio controls on the steering wheel
- Retains RAP, Chimes, and Balance and Fade
- Easy-to-set DIP switches for SWC configuration
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Retains backup camera
- All outputs are 250mA
- Type "C" USB updatable
- 1-year warranty

PRIOR TO INSTALLATION: Installation requires a certain level of technical knowledge. Prior to installation, it is important to read the manual. Select a location for installation that is dry and free from heat sources. It is essential to use the correct tools during installation to prevent any damage to the vehicle or the product itself.

PLEASE NOTE: We cannot be held liable for any issues arising from improper installation. Before proceeding with installation, disconnect the negative battery terminal and ensure the key is removed from the ignition.

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Visit MetraOnline.com for more detailed information about the product and up-to-date vehicle-specific applications

TOOLS REQUIRED

- Wire cutter
- Crimp tool and connectors (example: butt-connectors, bell caps, etc.) or
- Solder gun, solder, heat shrink
- Tape
- Zip-ties

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product. **NOTE:** Refer also to the instructions included with the aftermarket radio.

APPLICATIONS

BUICK

Enclave	2008–2017
Lucerne	2006–2011

Cadillac

Escalade (RPO UUI/UUJ)	2007–2014
SRX	2007–2009

Chevrolet

Avalanche (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2013
Equinox	2007–2008
Express Van (RPO UUI/UUJ)	2008–2016
Impala / Impala SS	2006–2013
Impala Limited	2014–2016
Monte Carlo	2006–2007
Silverado 1500–3500 (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2013
Suburban (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2014
Tahoe (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2014
Traverse	2009–2017

GMC

Acadia	2007–2016
Savana (RPO UUI/UUJ)	2008–2017
Sierra 1500–3500 (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2013

GMC cont.

Yukon/XL (RPO UIC, UM7, US8, UUI, UUJ, or UUN)	2007–2014
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Hummer

H2	2008–2009
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Pontiac

Torrent/Outlook	2007–2009
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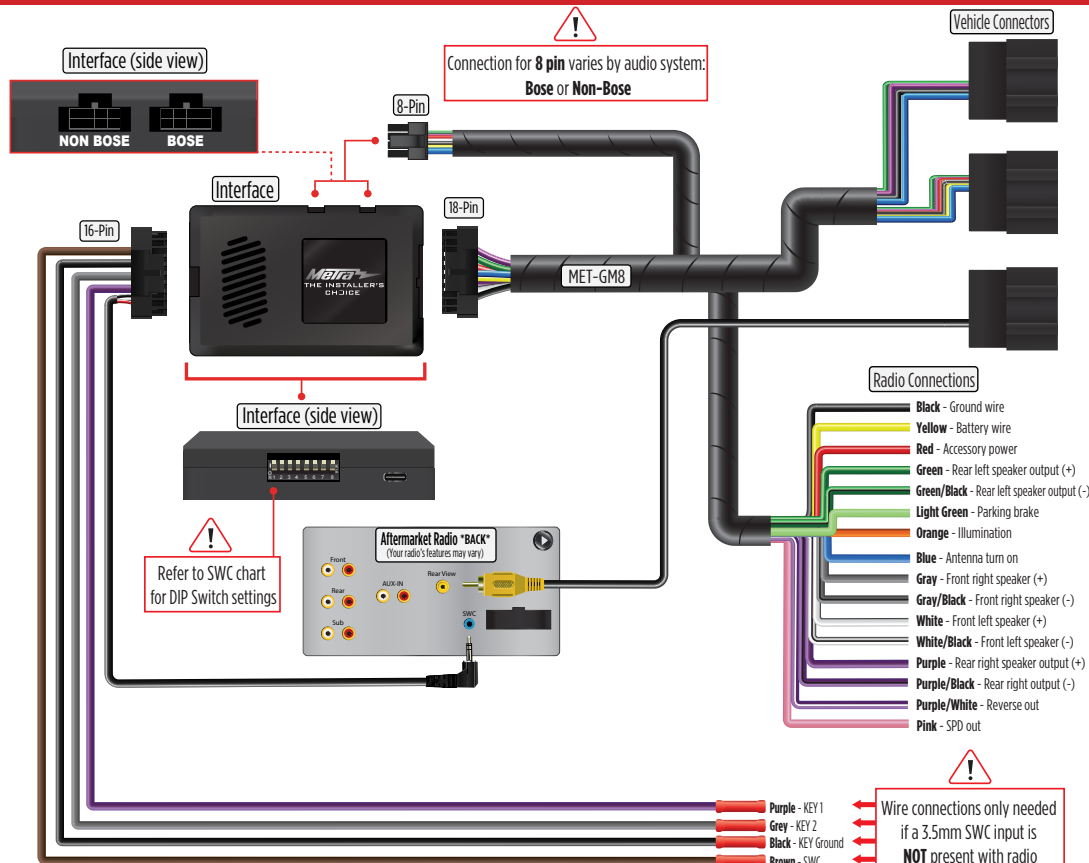
Saturn

Vue	2008–2009
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Suzuki

XL-7	2007–2008
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HARNESS INSTALLATION



DIP SWITCH CONFIGURATION

MANUFACTURER	SYSTEM	DIP SWITCH SETTINGS						CONNECTION
		1	2	3	4	5	6	
RESERVED	NA	OFF	OFF	OFF	OFF	x	x	SW UPDATE MODE
ALPINE	IR Data	OFF	ON	OFF	OFF	x	x	3.5MM JACK PLUG
AXXERA 2	IR Data	ON	ON	OFF	OFF	x	x	BROWN SWC/IR WIRE
ANALOG SINGLE WIRE TYPE 1	Learning	ON	ON	ON	OFF	x	x	BROWN SWC/IR WIRE
ANALOG SINGLE WIRE TYPE 2	Learning	ON	ON	ON	OFF	ON	x	BROWN SWC/IR WIRE
ANALOG SINGLE EXTEND	Learning	ON	ON	ON	ON	x	x	BROWN SWC/IR WIRE
CLARION TYPE 1	IR Data	ON	OFF	OFF	ON	x	x	3.5MM JACK PLUG
CLARION TYPE 2	IR Data	ON	ON	OFF	ON	x	x	BROWN SWC/IR WIRE
DUAL TYPE 1	Analog	ON	OFF	ON	ON	x	x	3.5MM JACK PLUG
GRUNDIG	IR Data	OFF	ON	OFF	ON	x	x	BROWN SWC/IR WIRE
JENSEN	Analog	OFF	OFF	OFF	ON	x	x	3.5MM JACK PLUG
JVC	IR Data	OFF	OFF	ON	OFF	x	x	BROWN SWC/IR WIRE
KENWOOD TYPE 1	IR Data	ON	OFF	OFF	OFF	x	x	BROWN SWC/IR WIRE
KENWOOD TYPE 2	IR Data	ON	ON	OFF	OFF	x	x	BROWN SWC/IR WIRE
KEY 1 / KEY 2	Learning	OFF	ON	ON	OFF	x	x	KEY 1 & KEY 2 WIRES
KEY 1 / KEY 2 EXTEND	Learning	OFF	ON	ON	ON	x	x	KEY 1 & KEY 2 WIRES
PHILIPS	IR Data	OFF	ON	OFF	ON	x	x	BROWN SWC/IR WIRE
PIONEER TYPE 1	Analog	OFF	OFF	OFF	ON	x	x	3.5MM JACK PLUG
PIONEER TYPE 2	Analog	OFF	OFF	ON	ON	x	x	3.5MM JACK PLUG
PIONEER TYPE 3	Analog	OFF	OFF	OFF	ON	ON	x	3.5MM JACK PLUG
SONY	Analog	ON	OFF	ON	ON	x	x	3.5MM JACK PLUG
VALOR	IR Data	ON	ON	OFF	ON	x	x	BROWN SWC/IR WIRE
ZENEC	IR Data	ON	ON	OFF	ON	x	x	BROWN SWC/IR WIRE
NOTE:								
For vehicles that use DIP 5 for vehicle configuration, you will <u>not</u> need to try one of the 5 dip pattern radio settings.								
Please refer to the full user manual to see if your vehicle requires DIP5 or DIP6 to be configured.								

DIP Switch 5 & 6

DIP Switch 5 & 6 are reserved for vehicle specific configuration.

DIP Switch 7 & 8

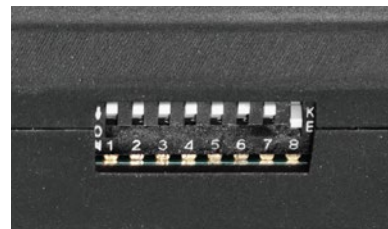
DIP Switch 7 & 8 are used to control the volume of the chimes.

7 Off, 8 off = High volume

7 Off, 8 on = Medium volume

7 On, 8 off = Low volume

7 on, 8 on = Chimes off



KEY1 and KEY2

KEY1 and KEY2 are specifically tailored for analog learning mode-style radios. Our SWC module is designed with a resistor chain that precisely matches the required resistance for seamless compatibility with this type of head unit.

KEY1 and KEY2 EXTEND

This mode extends every button press to 2 seconds during the learning process. However, with rolling wheel-designed steering wheel buttons, holding for 2 seconds isn't feasible. Our **KEY1 and KEY2 Extend** feature addresses this by automatically prolonging each press, simplifying head unit programming even in such scenarios. Extend mode is not intended for normal use, it is only used in the teaching process.

ANALOG SINGLE WIRE and ANALOG SINGLE WIRE EXTEND

This function operates similarly to **KEY1 and KEY2** but transmits all unique values through the **IR SWC** single wire. This is crucial for compatibility with learning-style head units featuring only one learning input wire. To ensure compatibility, we've incorporated this feature into our steering wheel control interface, ensuring seamless operation across various head unit setups.

The **Analog Extend** mode functions identically to its counterpart within the **KEY1 and KEY2** system but transmits through a single wire.

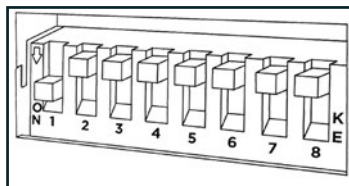
INSTALLATION GUIDE

Before Installation

Prior to installing the interface, it is essential to remove and disconnect the factory stereo. For guidance on this process, please refer to the vehicle owner's manual/handbook or seek assistance from a professional.

Setting the DIP Switches

This interface includes a set of DIP Switches. Consult the DIP Switch selection guide to select the appropriate configuration. To activate a DIP Switch, press it downward into the 'ON' position. Refer to the diagram below for an example of the 'KENWOOD type 1' DIP Switch configuration. (Figure A)



(Figure A)

Installation

1. Take the interface, then connect the **16-PIN** head unit connection lead and the **20-PIN** steering wheel harness connectors to their respective ports.
2. Connect the head unit connection lead to the steering wheel remote input on the rear side of the aftermarket stereo. Connection methods vary based on the stereo brand, utilizing either a **3.5mm Jack** connector **SWC IR** wire or wired inputs **KEY1** and **KEY2**.
3. Connect the power/speaker wires from the interface to the corresponding power/speaker wires on the aftermarket stereo.
4. Connect the vehicle-specific connectors from the interface harness to the corresponding connectors on the vehicle harness.
5. Connect the wires on the harness to the rear of the stereo (if applicable).
6. Connect the antenna adapter to the vehicle's existing connection at the rear of the aftermarket stereo.
7. When installing an aftermarket reverse camera, connect the yellow RCA from the harness to the yellow RCA of the aftermarket camera. (If supported by the interface and vehicle)
8. When installing a DAB antenna, ensure to connect the DAB aerial connector to the rear of the new stereo.
9. After connecting all wires (along with any additional accessories), it's crucial to thoroughly test the stereo and steering wheel controls before reassembling the dashboard. If steering wheel controls are unresponsive, inspect connections and check DIP Switch settings. Repeat the connection process if necessary, following the outlined steps.

BUTTON REMAPPING



- A. Volume Up
- B. Volume Down
- C. Track Up
- D. Track Down (Short Press)
Hang Up (Long Press)
- E. Source
- F. Pick Up (Short Press)
Voice Control (Long Press)
- G. Mute

Button Remapping for Steering Wheel Control (SWC) Interfaces

The steering wheel buttons listed offer the flexibility of being re-configured or assigned dual functions. The availability of these buttons depends on the specific vehicle to which the interface is being installed and if the aftermarket radio supports them.

In addition to button remapping, we offer the option to assign dual functions to each button on the steering wheel. This means that every button can be programmed to execute both a short press command and a long press command.

You can also add your own bespoke configuration. Button configuration can be done by PC, MAC and smart phone via the USB port.

Button Remapping instructions can be found in a separate guide on our website.

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MET-GM8

INSTALLATION INSTRUCTIONS

Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP
certified technicians**