





## M650-GM


Price: **\$849.00**

 manufacturer  
NAV-TV

 ID SKU NTV-KIT838

 weight  
3.00 Lbs

 market  
USA, Rest of  
World, Europe

 UPC/EAN  
00635510693789

**The M650-GM produces a completely flat audio output without any factory time delay or equalization, eliminating the need for summing devices, an audio correction DSP or the removal of the factory audio compensation microphones.** It is 100% plug-and-play, installing at the factory tuner in both amplified and non amplified GM vehicles. Installation of the interface requires absolutely no modification to the vehicle or the removal of any factory equipment and can be used when completely replacing the factory speakers, or in any combination utilizing the factory audio components. Volume, Fade and Balance are supported through the factory radio and steering wheel controls.

Utilizing a **128 bit per channel floating point DSP and 192 kHz 32 bit DAC**, the M650-GM produces a 6 channel analog output (Front L/R, Rear L/R, Sub and Center) with a peak voltage of **6.3V and a S/N Ratio of 112dB**. **All warning chimes and audible turn signal indications are attenuated to factory levels** and, along with Onstar®, Navigation prompts and Bluetooth, are passed to the proper output channels, **eliminating the need for an external speaker**. The unit provides a 500mA output for controlling aftermarket devices and, additionally, retains the factory 3 band equalizer (high, mid and bass).

For use with 3<sup>rd</sup> party digital sound processors, the M650-GM includes a variable TosLink (optical) and S/PDIF (coaxial) digital output which may be used simultaneously with the analog outputs, or by themselves. The variable digital output allows for the system volume to be controlled via the factory radio and steering wheel controls without the need to access any 3<sup>rd</sup> party controller.

For ease of use, the M650-GM is configurable through dip switch settings. User selectable features of the M650-GM are:

- **Time alignment to driver** (Full-Sized SUV and Truck Only) or no time alignment (Analog output only)

- **Full Scale output (0 db) vs attenuated output (-12 db)** (When attenuated, output is reduced to ~3v for extended headroom)

- **Factory Bass control becomes a Subwoofer Level Controller** or Controls Bass for the entire system (Analog output only) – **eliminates the need for a sub control knob!**

- **Loudness control for extended bass response at low levels** or loudness off (Analog output only)

**NOTE: NON-BOSE systems may require a tuner-swap, which cost \$200 with the return of the original tuner. Some GM vehicles have a known factory bug which produces a small issue when this module is installed. Contact NAV-TV for more information.**

To watch a video, please visit <https://www.youtube.com/watch?v=1ud3IRElaxA>

## Car Radio Versions

Cadillac CUE IO5/IO6 (8" Screen)

GM MyLink IO4 4" Screen

GM MyLink IO5/IO6 8"

Model	Year Range	Version	Radio	Notes
Cadillac/ATS	2013-2015	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/ATS	2016-2018	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/CT6	2016-2017	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/CTS/CTS V	2014-2015	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/CTS/CTS V	2016-2017	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/ELR	2014-2018	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/Escalade	2015-2015	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/Escalade	2016-2018	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/SRX	2014-2015	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/SRX	2016-2018	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/XT5	2016-2017	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/XTS	2013-2015	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Cadillac/XTS	2016-2017	USA, Rest of World, Europe	Cadillac CUE IO5/IO6 (8" Screen)	
Chevrolet/Camaro	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Colorado	2015-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Corvette	2014-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Impala	2014-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Impala	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Silverado	2014-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Silverado	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Suburban	2015-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Suburban	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Tahoe	2015-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	
Chevrolet/Tahoe	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"	

Chevrolet/Volt	2016-2017	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Canyon	2015-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Canyon	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Sierra Pickup	2014-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Sierra Pickup	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Yukon	2014-2015	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"
GMC/Yukon	2016-2018	USA, Rest of World, Europe	GM MyLink IO4 4" Screen, GM MyLink IO5/IO6 8"

<http://app.navtv.com>