



## Description:

The **BLUESTAR II** is the latest generation of COSTAR Technologies bluetooth interface for Onstar equipped vehicles. Building on the success of the BlueSTAR 2010 the **BLUESTAR II** leverages the latest bluetooth technology into a small rugged enclosure, which makes adding bluetooth capability to your GM vehicle easier than ever.

Packed with new features unavailable anywhere else, the **BLUESTAR II** is the only way to upgrade your GM vehicle to today's technology and remain compliant with new hands free cell phone laws without having to alter your vehicle to do so.

The **BLUESTAR II** uses a state-of-the-art embedded bluetooth module with Bluetooth 2.1+EDR compliance to insure compatibility with all of the newest cell phones. Supported profiles include HFP(v.1.5), A2DP and AVRCP, for hands free calling and audio playback.

A USB port is included for upgrading the **BLUESTAR II** via the COSTAR Programming Utility (CPU), available for download from the website. This will protect your investment, and allow you to add features as they become available.

The **BLUESTAR II** is all you expect, and more..

*Now we're talking!*

## Key Features:

- \* Onstar to bluetooth conversion
- \* Universal design works in all GM vehicles (2003+)
- \* Full Steering wheel controls
- \* Plug and Play installation.
- \* USB port for easy upgrading.
- \* Mini Headphone Jack for A2DP streaming.
- \* LED diagnostic indicator.
- \* *Bluetooth 2.1 + EDR* compliant.
- \* Low Power Consumption



**COSTAR**  
Technologies

## Specifications:

### Bluetooth:

- \* Class 2 radio: (10-30 meters)
- \* Output Power +5dBm (nominal)
- \* Sensitivity -87dBm (nominal)
- \* Uses 2.4 GHz ISM band
- \* Profiles:
  - \* HFP (v.1.5)
  - \* A2DP
  - \* AVRCP
- \* Bluetooth 2.1 + EDR compliant

### Connectors:

- \* Multi-Lock Receptacle (Vehicle interface)
  - \* 16 position / 12 position
- \* USB mini Type B receptacle
  - \* USB 2.0 Full Speed Virtual Com port 115.2 Kbaud
  - \* Supports Bus power
- \* Audio Jack
  - \* 3.5mm Stereo

### Vehicle Communications:

- \* SAE J1850 10.4 Kbps Variable Pulse Width (CLASS 2)
- \* SAE J2411 33.3Kbps Single Wire Can
  - \* Rev 2.0A - 11 bit identifier tag (GMLAN-11)
  - \* Rev 2.0B - 29 bit identifier tag (GMLAN-29)

### Mechanical:

- \* Size: 5.1" x 2.4" x 1.5"
- \* Weight 5 ounces

### Power Consumption:

- \* Operating: 60mA - 0.7W @ 12V
- \* Connected: 40mA - 0.5W @ 12V
- \* Standby: 30mA - 0.4W @ 12V
- \* Sleep 17mA - 0.2W @ 12V

### Note:

Installation of the BLUESTAR requires removal of the onstar module. As a result, all onstar features are disabled. This includes emergency assistance in the case of air bag deployment. Additionally, voice control of navigation units (if so equipped) will be inoperative.

## BLUESTAR Connections

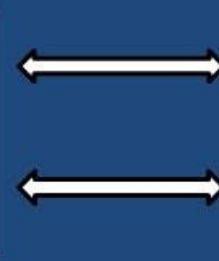
USB  
programming  
interface



LED indicator



Stereo audio  
output for  
streaming



To onstar  
vehicle harness