SECTION 2 - RADIO OPERATION

GMLAN Radio

Band
Changes into the next mode & selects the next device. It will scroll through Analog AM & FM and then the current SAT device. The current SAT device will alternate between HD-AM and HD-FM. If an iPod is attached, then it will alternatively be chosen in the following order:

HD-AM > iPod > HD-FM > iPod

Seek
Seeks up & down the HD stations while in HD mode and will track up & down within a playlist in iPod mode.

REV/FWD
Goes up or down a single HD station in HD mode. In iPod mode. In iPod mode it will go to the next or previous playlist.

Preset Buttons
In HD mode they work as normal radio stations function. In iPod mode they are used to enter into "browse mode".
In some radios the Preset #4 is used to enter "browse mode", in others, the preset buttons must be set to the following numbers first in order to enter into browse mode:

Preset Button #1 to 'XM4'

Preset Button #2 to 'XM5'

Preset Button #3 to 'XM6'

Preset Button #4 to 'XM7'

Select buttons 1, 2, 3, and 4 in succession while in iPod mode and this will enter into "browse mode."

Preset #1
Goes to the next selection while in iPod browse mode.

Preset #2
Goes to the previous selection while in iPod browse mode.

Preset #3
Selects the current option while in iPod Browse mode.

Preset #4
Acts as the escape or abort button while in iPod browse mode.

Preset #5
Changes between random on/off in iPod mode.

AHDH-GM3

INSTALLATION INSTRUCTIONS

** READ IMPORTANT WARNING ON PAGE 1
BEFORE ATTEMPTING ANY INSTALLATION*

COMPATIBILITY:
•The OEM radio must be XM ready.
• If the vehicle is equipped with an in-dash 6 disc radio, the radio must have a "Band" button to be compatible.

APPLICATIONS:

BUICK
Lucerne 2006-07

CADILLAC
DTS 2006-07

CHEVROLET
Equinox 2007
Impala 2006-07
Monte Carlo 2006-07
Suburban 2007
Tahoe 2007
Silverado 2007

GMC
Acadia 2007
Envoy 2007
Sierra 2007
Yukon/Yukon XL/Denali 2007

PONTIAC
Torrent 2007

SATURN
Outlook 2007
Vue 2008

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Rev. 10/19/07   INSTAHDH-GM3

📞 *1-800-221-0932*   💻 *www.metraonline.com*   📞 *1-800-221-0932*   💻 *www.metraonline.com*

* IMPORTANT WARNING

THIS PRODUCT INCLUDES INSTRUCTIONS FOR INSTALLATION WHICH MUST BE CAREFULLY FOLLOWED. THE INSTRUCTIONS ARE WORDED IN SUCH A MANNER TO ASSUME THAT THE INSTALLER IS CAPABLE OF COMPLETING THESE TYPE OF ELECTRONIC INSTALLATIONS. IF YOU ARE UNCLEAR AS TO WHAT YOU ARE INSTRUCTED TO DO OR BELIEVE THAT YOU DO NOT UNDERSTAND THE INSTRUCTIONS SO AS TO PROPERLY AND SAFELY COMPLETE THE INSTALLATION YOU SHOULD CONSULT A TECHNICIAN WHO DOES HAVE THIS KNOWLEDGE AND UNDERSTANDING. **FAILURE TO FOLLOW THESE INSTRUCTIONS CAREFULLY AND TO INSTALL THE INTERFACE AS DESCRIBED COULD CAUSE HARM TO THE VEHICLE OR TO SAFETY SYSTEMS ON THE VEHICLE. INTERFERENCE WITH CERTAIN SAFETY SYSTEMS COULD CAUSE HARM TO PERSONS AS WELL. IF YOU HAVE ANY QUESTIONS IN THIS REGARD PLEASE CALL THE HELP LINE OR THE METRA AT 1-800-221-0932 FOR ASSISTANCE.**
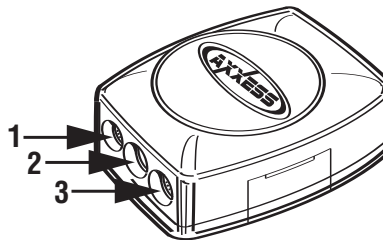
INTRODUCTION

The AHDH-GM3 is to be used along with the AHDT-01 HD Tuner and the AHDI-D01 domestic HD interface (all sold separately) in the vehicles listed above. An iPod may also be connected by using the XIAH-IPC iPod cable (sold separately). The OEM radio will control the functions of the HD Tuner and the iPod through the buttons on the radio. Also for those radios that do not display text, the XIA-LCD display screen (sold separately), may be added to display the HD and iPod text information.

The General Motors radios vary in what buttons they have. This manual covers as many buttons as possible. The factory radio most likely will not have all the buttons listed, however, the definitions of the buttons displayed on the radio will still be valid.

PORT OVERVIEW

1) This port is used with the optonal XIA-LCD display.

2) This port is used with the HD cable included with AHDT-01 tuner.

3) This port is used with the iPOD cable XIAH-IPC or the AUX IN cable XIAH-RCA.

FACTORY XM RADIO EQUIPPED

VEHICLES

If your GM vehicle is equipped with a factory XM tuner please follow this section for interfacing with the OEM audio system. If not, you may skip to Final Connections. There are two wires coming off the interface to vehicle T-harness, terminated with female insulated quick disconnects. These two wires will need to drive a relay to disable the OEM XM tuner when required. Listed below is the proper method:

1) Connect the two wires (yellow and green) from the AHDH-GM3 to terminals 86 and 85 of the coil of a SPDT relay. The relay should be physically located very close to the OEM XM tuner.

2) Locate the 12 volt power wire at the OEM XM tuner making sure to use a multimeter to verify function. It is typically orange in most GM applications. After identifying this wire, disconnect vehicles battery before proceeding.

3) Cut the wire identified in step 2 approximately 6 inches away from the OEM XM tuner.

4) Connect the "car side" of the orange wire to the COM terminal (30) of the relay, making sure connection is properly insulated.

5) Connect the "tuner side" of the orange wire to the NC terminal (87a) of the relay, making sure connection is properly insulated. Reconnect vehicles battery before proceeding.

FINAL CONNECTIONS

Connect the 20 way Molex of the AHDH-GM3 to one end of the AHDI-D01. Use the instructions included with the AHDI-D01 to connect the AHDT-01 HD Tuner to the AHDI-D01. Once everything is connected turn the ignition on, off then back on again to initialize the interface. Section 2 will describe what buttons are used and what the functions are of those buttons.