

XIAH-NS1

#6 / Fast forward	In iPod mode , this button functions as fast forward. In XM mode , this button has no function.
Track Up	In iPod mode , this button selects the next track. In XM mode , this button selects the next station up.
Track Down	In iPod mode , selects the beginning of the song when pressed and held for 3 seconds or more after the start of the track. If pressed for less than 3 seconds after the beginning of the track, the iPod goes to the previous track. In XM mode , it goes to the next available station down.
Scan	Scans through the stations in XM mode or through the songs in iPod mode .
Mix	In iPod mode , shuffles the songs in the iPod. In XM mode , it has no function.
RPT	In iPod mode , this button repeats the song or the album. When the button is pressed once, the song is repeated. When pressed a second time, the album is repeated. When pressed a third time the repeat function is turned off and normal play is resumed. In XM mode , this button has no function.
Button 1	In iPod mode , this button navigates the browsing upward. In XM mode , this button goes to the next category of music.
Button 2	In iPod mode , this button starts and cancel browsing the iPod or the selection highlighted. In XM mode , this button goes to the previous category of music.
Button 3	In iPod mode , this selects user's choice in the browse mode. In XM mode , this button has no function.
Button 4	In iPod mode , this button navigates the browsing downward. In XM mode , this button has no function.

PART 2:

CONTROLS FOR SATELLITE RECEIVER MODE

<u>Button</u>	<u>Description of Function</u>
Power Button	Selects either iPod Mode or XM Mode by toggling between the two.
SAT Button	Selects either iPod mode or XM mode by toggling between the two.

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FM/AM Button	Deselects XM mode or iPod mode .
CD6 Button	Deselects XM mode or iPod mode when no CD is in the internal CD player.
DISC	Deselects XM Mode and iPod Mode when there is a CD in the radio.
Pty	Displays the title and artist of the current song.
Seek-Track Up	In iPod mode , advances to the next playlist in the iPod. In XM mode , advances to the next category of music.
Seek-Track Down	In iPod mode , moves to the previous playlist in the iPod. In XM mode , moves to the next available channel down.
Tune Up	In iPod mode , advances to the next song in the current playlist. In XM mode , advances to the next channel up.
Tune Down	In iPod mode , restarts the song if pushed after 5 seconds of the start of the song. Within the first 5 seconds of the start of the song, moves to the previous song in the current playlist. In XM mode , this button is channel down.
Scan	Scans through the stations in XM mode or through the songs in iPod mode .
Buttons 1 through 6	In XM mode , these buttons are preset set and preset select buttons. If the button is held down for approximately 2 seconds, the current channel in XM is preset to that button. In iPod mode , the buttons 1 through 4 are used to browse the iPod. Button 2 puts you into browse mode. Button 1 is selection up and button 4 is selection down. Button 3 selects the item, while Button 2 is used to escape from browse mode. The browsing is viewed on the user interface.
CD-DVD	Deselects XM mode or iPod mode when a CD-DVD is in.
AUX	Deselects XM mode or iPod mode when the AUX device is connected.
CAT-FOLDER right	In XM mode , the next genre up is selected. In iPod mode , advances up one playlist.
CAT-FOLDER left	In XM mode , the next genre down is selected. In iPod mode , it goes down one playlist.

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INSTXIAH-NS1



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NISSAN HARNESS USED WITH XIA-101

XIAH-NS1

OPERATING INSTRUCTIONS

APPLICATIONS:

NISSAN

350Z	2003-05
Altima	1998-2005
Armada	2005
Frontier	1998-2006
Maxima	1998-2005
Murano	2003-06
Pathfinder	1998-2005
Quest	1998-2006
Sentra	1998-2005
Titan	2004-06
Xterra	2000-05

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.



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INTRODUCTION

The XiA connects an iPod and a XM receiver with a display module to an OEM radio allowing control of the iPod or the XM receiver through the radio buttons. This manual is specifically for Nissan OEM Radios that have the XiA Interface Unit installed in-vehicle along with either or both iPod and an external XM Receiver.

The XiA Interface Unit emulates an OEM CD Changer or an external Satellite Receiver, and on installation replaces either one.

The Nissan OEM Radios vary in what buttons they have. This manual covers as many buttons as possible. The Radio connected to the XiA Unit, most likely, will not have all the buttons listed in this document. However, the definitions of the buttons displayed on the radio will still be valid. The Nissan OEM Radios fall into two categories, one that is satellite cable and one that is capable of working with an external CD changer.

WIRING CONNECTIONS

Connect the Yellow wire coming off the 20 pin Molex connector to a 12 volt (+) constant battery wire which can be found in the OEM radio harness. Be sure to use a multimeter to verify the 12 volt (+) constant battery wire. Connect the Red wire coming off the 20 pin Molex connector to a 12 volt (+) switched accessory wire which can be found in the OEM radio harness. Be sure to use a multimeter to verify the 12 volt (+) switched accessory wire.

XIA HARNESS PREPARATION

If you are replacing an OEM external CD Changer, the XIAH-NS1 harness jumper wire on the 20-pin connector (the bigger of the two) must be cut. Looking at the cable harness, the jumper wire (White) between J1 Pins 7 and 16 must be cut. Cut this jumper wire, and store it away with insulating tape. Once this is done, the board will emulate an OEM external CD Changer. If you are replacing an external Satellite Receiver, no modification to the cable harness is required.

SATELLITE CABLE RADIO OPERATION

To enter XM or iPod mode, press the SAT button if the radio has one. If the radio does not have a SAT button, press the BAND button and you should see "XM" displayed on the screen.

When listening to XM radio you can change the channel with TUNE UP or TUNE DOWN. To change the type of music that you are listening to press SEEK UP or SEEK DOWN. The radio will display, for example, "Country," "Christian"

or "Rock" as the music genre. The method of setting presets and selecting presets is the same procedure specified in the radio instructions---to set a preset, hold the button down until you here a beep; to select a preset, just press the desired button.

To enter iPod mode, the SAT or BAND button, and observe "IPOD IN" on the display. When listening to the iPod, you can change the track by using the TUNE UP and TUNE DOWN buttons. To change to a different playlist, press either SEEK UP or SEEK DOWN. The iPod will advance to the next playlist that has songs. If you want to scan though the songs, then press the SCAN button. When you want to end the scan mode, press the SCAN button again. The song that was playing when scan was turned off will continue to play.

When you first enter the iPod mode, buttons 1 to 4 can be used to browse the iPod categories. Press buttons 1 through 4 until you hear a beep when pressing each one. Once that is done, you can browse the iPod. Press 2 to enter browse mode. Then you can press either 1 or 4 to go up or down the selection of categories that can be browsed. When you find the category you would like to browse, press 3. Browse though the selections using the same buttons (1 or 4) until you find your choice and then press 3. Button 3 enters the choice that you have picked. At any time you can end the browsing of the category or browsing mode completely by pressing 2.

EXTERNAL CD CHANGER CABLE

RADIO OPERATION

To enter XM mode or iPod mode, press the CD/CHG button.

When listening to XM radio you can change the channel with TUNE UP or TUNE DOWN. If you want to go to a different selection of music then you can press either button 1 or 2. When listening to the iPod, you can change the track by using the TUNE UP and TUNE DOWN button. If you want to scan though the songs then press the SCAN button. When you want to end the scan, press the SCAN button again. The song that was playing when scan was turned off will continue to play. To start browsing the iPod, press 2 to enter browse mode. Then you can press either 1 or 4 to go up or down the selection of categories that can be browsed. When you find the category you would like to browse, press 3. Browse though the selections using the same buttons (1 or 4) until you find your choice, and then press 3. Button 3 enters the choice that you have picked. At any time you can end the browsing of the category or browsing mode completely by pressing 2.

PART 1:

RADIO BUTTON CONTROL

Button	Description of Function										
Power Button	Selects either iPod Mode or XM Mode by toggling between the two.										
CD Button	Selects either iPod mode or XM mode by toggling between the two. If a CD is present in the internal CD player, remove the CD from the player to get to iPod or XM Modes.										
FM/AM Button	Deselects XM mode or iPod mode.										
Tape Button	Deselects XM mode or iPod mode when tape is in.										
Tune Up	In iPod mode this button goes to the next playlist in the iPod. In XM mode this button advances to the next genre.										
Tune Down	In iPod mode this button goes to the pervious playlist in the iPod. In XM mode this button advances to the previous genre.										
#1 / Previous track	In iPod mode, selects the beginning of the song when pressed and held for 3 seconds or more after the start of the track. If pressed for less than 3 seconds after the beginning of the track, the iPod goes to the previous track. In XM mode, it goes to the next available station down.										
#2/Prog	In iPod mode, this button selects the modes of playing the song selections. As you push the button the screen displays one of the following modes: <table border="1"> <thead> <tr> <th>On Screen</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Repeats that song</td> </tr> <tr> <td>All Random</td> <td>Shuffles all of the songs</td> </tr> <tr> <td>Random</td> <td>Shuffles the albums</td> </tr> <tr> <td>All</td> <td>plays all the songs</td> </tr> </tbody> </table>	On Screen	Function	1	Repeats that song	All Random	Shuffles all of the songs	Random	Shuffles the albums	All	plays all the songs
On Screen	Function										
1	Repeats that song										
All Random	Shuffles all of the songs										
Random	Shuffles the albums										
All	plays all the songs										
#3 / Next track	In iPod mode, this button selects the next track. In XM mode, it selects the next available station.										
#4 / Rewind	In iPod mode, this button functions as rewind.										