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## Pac rp5-gm11 wiring-diagram

Radio replacement interface with built-in OnStar® Storage, pre-programmed steering wheel control storage and navigation outputs ad ▼ Browse to page 2 of 4 ad Thank you for your participation! \* Your rating is very important to improve the work of artificial intelligence, which forms the content of this project OVERVIEW PAC RadioPRO5 RP5-GM11 wiring interface allows you to install a new car stereo and retain useful factory functions in 2000-up GM vehicles. You can upgrade to higher sound quality on an aftermarket receiver while maintaining the factory-installed OnStar®, factory amplifier, Bluetooth®, security alert clocks, and Rap (Retained Accessory Power) if they are equipped. In some vehicles, you can also keep the factory entertainment system for the back seat. If you install a navigation receiver, this interface also has the vehicle speed sensor (VSS), parking brake and reverse connections you need. Checking the new radio RadioPRO5 interface retains the factory control for steering wheel sound with the new stereo. You can even reassign the functions of the factory buttons. Installation note: This interface will not retain father controls on cars with factory premium Bose® sound system. READ LESS works with GM vehicles with CLASS II computer systems with reinforced and non-reinforced systems (including Bose audio systems) retaining rear seat entertainment system in selected vehicles (new receiver must have RCA inputs) provides Vehicle Speed Sensor (VSS), parking brake and reverse connections to install a navigation receiver, When factory Bluetooth if equipped holder factory-controlled audio controller answeranti: 1 yearOur 60-day money-back warrantyMFR # RP5-GM11 GM Class II (24-pin/12-pin) Radio replacement interface: PAC RP5-GM11 radio replacement interface allows to replace the vehicle's factory radio with an upgraded aftermarket head unit in selected GM vehicles. The RP5-GM11 has been designed to interface seamlessly with your vehicle's computer bus system (Class II) and retain important safety and convenience features. This all-in-one radio replacement interface offers OnStar storage, amplifier storage, built-in SWC (steering wheel controller), output signals and other functions that save time during installation. Practical features: The PAC RP5-GM11 radio replacement interface retains a number of convenience functions when replacing your vehicle's factory radio with an aftermarket head unit. You will continue to be able to use your vehicle's onstar system with turn-by-turn voice prompts and volume adjustments. The vehicle warning bells (w/ volume adjustment) and retained accessory effect (RAP) will remain fully functional. RAP allows the ignition power source of many GM vehicles to hold the radio on until one of the doors is opened. Reinforced and non-reinforced systems: PAC RP5-GM11 is compatible with reinforced and non-reinforced factory sound systems. It is compatible with both Bose and Premium Bose audio systems. The device does not support fading for Premium Bose systems. Factory Entertainment Features: RP5-GM11 retains several factory entertainment features; including Bluetooth (2009+ vehicle), AUX input, rear seat entertainment (RSE), rear seat audio controls and dual zone functionality. In order to retain factory entertainment in the rear seat, the aftermarket head unit must be equipped with an AUX or AV input on the rear panel. Since the RP5-GM11 is equipped with stereo RCA connectors, if the aftermarket main unit has a 3.5mm Aux input, you will need a stereo RCA-to-mini-jack adapter (sold separately - see accessory list). Navigation outputs: The PAC radio replacement interface also provides a VSS (vehicle speed sensor), parking brake and a reverse gear output to make installing an aftermarket navigation head device easier and less time-consuming. In addition, the interface retains the vehicle's backup sensors and park assistance function. \*THE VSS cord is not provided for Corvettes with a factory equipped Denso brand radio. Built-in SWC (Steering Wheel Controller): The interface is delivered pre-programmed for all vehicle factory SWC functions and does not require programming, unless you want to reassign the SWC functions to different buttons. SWC functions can be easily programmed: settings and features of the user guide. The interface retains programming even if the vehicle battery is disconnected. Note: The SWC harness contains a blue/yellow cord and a 3.5 mm connector. You will only use one of the contacts, based on your type of aftermarket radio. The blue/yellow wire supports Kenwood, Newer JVC, OEM and Blaupunkt radios. The 3.5mm jack supports Alpine, Jensen, Older JVC, Clarion, Pioneer, Sony, and Dual radios. Not compatible with Soundstream head devices. Vehicle compatibility: PAC RP5-GM11 is compatible with select 2000-up GM vehicles with Class II computer bus systems (24-pin/12-pin). Make Model Year Buick Century 2004-2005 LaCrosse 2005-2007 Rainier 2004-2007 Rendezvous 2003-2007 Terraza 2005-2007 Cadillac Escalade 2003-2006 Chevrolet 2003-2006 Cavalier 2000-2005 Colorado 2004-2013 Corvette 2005-2013 Express 2004-2007 Impala 2000-2005 Malibu 2001-2003 Monte Carlo 2000-2005 S-10 2003-2004 Silverado 2003-2007 SSR 2003-2006 Suburban 2003-2006 Tahoe 2003-2006 Trailblazer 2002-2009 Uplander 2005-2008 Venture 2003-2005 GMC Canyon 2004-2011 Envoy 2002-2009 Savana 2003-2007 Sierra 2003-2007 Yukon 2003-2006 Hummer H2 2003-2007 H3 2005-2009 Isuzu Ascender 2003-2008 Oldsmobile Alero 2001-2004 Bravada 2002-2004 Silhouette 2000-2004 Pontiac Aztec 2001-2005 Grand Am 2001-2005 Grand Prix 2004-2008 Montana 2000-2006 Sunfire 2000-2004 SAAB 9-7X 2005-2008 Saturn Relay 2007 Wiring Connection Chart: The included wiring harness features the following hardware connections. Wire Color wiring red + 12 Volt accessories yellow + 12 Volt Constant Black Ground Blue Not used Blue/White Amp Turn on Orange/White Lighting White Left Front Speaker + White/Black Left Front Speaker - Grey Right Front Speaker + Grey/Black Right Front Speaker - Green Left Rear Speaker + Green/Black Left Front Speaker Black Left Rear Speaker - Violet Right Rear Speaker - Violet / Black Right Rear Speaker - Light Green Parking Brake Detection (-) Pink VSS Output Purple/White Reverse Output (+) Brown Loop Mute Loop RadioPRO App: PAC offers a Windows-compatible RadioPRO App program to help you configure the interface. allows you to install an aftermarket receiver in late model GM vehicles without losing door chimes and audible safety warnings work with any Bose® system, retaining OnStar® functionality retains steering wheel sound controls with a compatible car stereo in most vehicles Q&A: A SHOW MORESHOW MINOR ITEMS Pacific Accessory Corporation Radio Replacement & Steering Wheel Control Interface with OnStar Retention for General Motors Vehicles RP5-GM11 Rev. 092117 Page 1 © 2017 AAMP Global. All rights reserved. PAC is a power brand of AAMP Global. PAC-audio.com introduction and features Important notes Wiring Connection Map Illustration / Schematic RP5-GM11 interface allows to replace a factory radio in selected General Motors vehicles with Class II radios. Using this interface will retain factory functions such as OnStar, steering wheel controller (SWC), warning clocks, rear seat controls (RSC), Rear Seat Entertainment (RSE), and BOSE amplifier when the original radio is removed. The RP5-GM11 also provides data bus-powered outputs that retain accessory power (RAP), vehicle speed sensor (VSS), lighting, reverse shutter and parking brake. 1. The radio selection switch on the side of the interface must be adjusted to the correct radio setting before connects the interface to the vehicle (see the next setting map page). 2. The interface is pre-programmed for all vehicles' factory SWC functions and does not require programming unless you want swc functions of different buttons. The SWC can always be restored to the default settings by pressing and releasing the program button on the side of the interface once and waiting 7 seconds for the LED to flash 3 times. NOTE: Due to the many different possible OEM SWC configurations, some applications may need to be reprogrammed for the SWC assignments to be sensible. Whatever you assign as aftermarket volume commands will also be OnStar volume commands. 3. The aftermarket radio must have an additional input for the factory's RSE sound to be retained through the cabin speakers. 4. RSC buttons identical to SWC will mimic SWC one by one. 5. The LED flashes when an SWC button is pressed. SWC connection See above diagram for various radio type connections x3 Wiring SWC connection Aftermarket Radio connections Vehicle connections Pacific Accessory Corporation Light Green parking Brake output (-) Pink vehicle speed output Blue Not used Blue / White Amp Turn on Input Orange / White lighting output (+) Purple / White reverse output (+) Brown Loop Mute Loop + Volume + Volume + Volume + Volume + Volume + Volume - Source Up Source Disc/FM+ Source Source Source Down Band Preset + Disc/AM N/P Band Off Seek Up Track + Track + Track + Search + Track + Track + Seek Down Track - Track - Track - Track - Voice Mute Mute Mute Mute Prog Preset Up Preset - Source Band Preset + Audio Default Steering Wheel Control Programming Default SWC Button Assignments Alpine JVC Kenwood Clarion Sony / Pioneer Fusion Volume + Volume + Volume + Volume + Volume + Volume - Seek Up Track + Track + Track + Track - Track - Track - Track - Voice Mute Mute Mute Mute Mute End Source Source Source Source Default SWC Button Assignments (Corvette) 1 2 3 4 5 6 7 8 9 0 Alpine JVC Kenwood Clarion Pioneer / Sony / Other Fusion 1 2 3 4 7 9 Other = Advent, BOYO, Dual, Lightning Audio, Rockford Fosgate, Visteon SET RADIO SELECT SWITCH Page 3 Pacific Accessory Corporation Radio Replacement & Steering Wheel Control Interface with OnStar Storage for General Motors Vehicles RP5-GM11 Rev. 092117 Page 3 © 2017 AAMP Global. All rights reserved. PAC is a power brand of AAMP Global. PAC-audio.com optional steering wheel control programming Alpine JVC Kenwood Clarion Second Pioneer Sony Fusion 1 Volume + Volume + Volume + Volume + Volume + Volume + 2 Volume - 3 Mute Mute Mute Mute Mute Mute 4 Preset + Source Source Source Preset + Preset + Preset + Source 5 Preset - Track + Game Search + Preset - - track + 6 source tracks - track + search - source source Source Track - 7 Tracks + Band / Disc + Track - Band Tracks + Tracks + Tracks + Audio 8 Tracks - Preset / Disc - Disc / FM + Send / End Track - Track - Track - Power 9 Power Select Disc / AM - Send Band Band Band 10 Enter / Play Mute Answer End Answer Phone Menu Reject Call / Source (Bluetooth-equipped radios only) 11 Band / Program phone receive voice number VR End answer answer / End call 12 Receive phone Reject on hook PTT End Call 13 End Voice Dial Off Hook VR 14 VR Power Mute (Multimedia Devices Only) 15 Preset + - Advent, Boyo, Double, Lightning sound, Jensen, Rockford Fosgate & Visteon - Jensen & Advent ONLY Optional programming order programming 1. Turn the key to the ignition position. 2. Press and release the programming button on the side of the interface. 3. Within 7 seconds, press the button to be taught on the steering wheel. The LED turns off when you press the button. 4. If you need to program multiple buttons, repeat step 3 for each additional audio function on the steering wheel. 5. If you come across a function in the chart that the steering wheel does not have, or you do not want to program, press and release the program button on the side of the interface to skip this feature. 6. When programming is complete, wait seven seconds. The LED flashes three times indicating the end of programming. 7. Test the interface for proper functionality. When an SWC is pressed on the led on the interface, the If a feature does not work, repeat the programming steps to reassign the SWC functions, the interface must be programmed in the specific order shown in the following diagram. If you come across a feature in the chart that the steering wheel doesn't have, or you don't want to program, press and release the programming button on the side of the interface to skip this feature. The LED flashes off and confirms that you have skipped this function and are ready to move on to the next one. Testing and verification 1. Turn on the ignition. The LED on the interface turns on and the +12v accessory cord turns on. 2. Switch on the radio and check the balance and wther. Note: Premium Factory reinforced systems will not fade as neither the aftermarket radio nor the RP interface has the ability to control the amplifier's fater. 3. Check that the factory subwoofer (if present) is playing 4. Make sure that all SWC is working properly for both the aftermarket radio and OnStar. To adjust the OnStar volume, press the OnStar button on the mirror, and then use the volume buttons on the SWC to adjust the level. The volume will increase a total of 8 times before returning to the original level. 5. Pressing the OnStar button on the rearview mirror turns off the and let the OnStar sound be heard in the two front speakers. The active OnStar Led will also turn on. When OnStar disconnects, the radio will detach or turn back on and the OnStar lamp will turn off. If you press the Mute/OnStar button on the steering wheel for 1.5 seconds, Onstar is also activated. 6. Turn off the vehicle and remove the key. RAP will be active and keep the radio on for 10 minutes or until the driver's door opens. Page 4 Pacific Accessory Corporation Radio Replacement & Steering Wheel Control Interface with OnStar Storage for General Motors Vehicle RP5-GM11 Fox. 092117 Page 4 © 2017 AAMP Global. All rights reserved. PAC is a power brand of AAMP Global. PAC-audio.com testing and verification (cont.) 7. THE LED and radio are switched off when RAP is switched off or the driver's door is opened. 8. Use the 4 position selector switch on the side of the CMX module to select the best chime output volume for your specific installation. Setting 1 is highest and 4 softest. Backseat Entertainment (RSE): If the Factory RSE system is equipped will work independently of the aftermarket radio. The device will turn on and send audio through the headphones as long as the car's ignition is on. If you want to send audio from RSE to the aftermarket radio, connect the RCAs from the 12-pin connector to the aftermarket radios' auxiliary input. Select the help input after the market to hear RSE audio. OnStar vehicle volume adjustment w/o SWC 1. If SWC buttons do not exist, use the programming button on the interface to control the OnStar sound level during an OnStar connection. 2. When OnStar is active, you will press the programming button increase the sound level 8 times before returning to the original level. Each time you press the button, a confirmation signal is heard. SWC Connection Review the diagram for different radio type connections x3 Press the programming button on the side of the interface while OnStar is active to adjust the OnStar volume CMX chime module 1 4 2 3 Technical support and product updates (Firmware) RP5-GM11 can be updated with new firmware as it becomes available using the PAC-UP interface update (sold separately). Go to www.PAC-audio.com/firmware for available updates. Technical Support [email protected] 866-931-8021 866-931-8021

