PAC SWI-CP5

PAC SWI-CP5 Steering Wheel Control Interface User Manual

Model: SWI-CP5
Brand: PAC

INTRODUCTION

The PAC SWI-CP5 is a universal steering wheel control interface designed to retain the functionality of your vehicle's factory steering wheel controls when an aftermarket radio is installed. This device simplifies audio system upgrades by providing compatibility with major radio brands and automatically detecting vehicle type, radio connection, and presets for seamless integration. It supports assigning two radio functions to a single steering wheel control button, enhancing user convenience.

PRODUCT OVERVIEW

The PAC SWI-CP5 module is a compact device that facilitates the connection between your vehicle's steering wheel controls and your new aftermarket radio system. It is built with durable components and offers flexible programming options.

Image: The PAC SWI-CP5 module, a wiring harness with multiple colored wires, and a short USB adapter cable. The module is black with a blue label and red dip switches.

SETUP

The SWI-CP5 is designed for quick and easy setup. It automatically detects the vehicle type, radio connection, and presets. For specific vehicle and radio configurations, manual programming is available via a web-based updater.

Installation Steps:

1. **Wiring Connection:** Connect the SWI-CP5 interface to your vehicle's steering wheel controls and your new aftermarket radio system. Refer to the detailed wiring diagram provided in the product's installation guide for your specific vehicle and radio model.

2. **Automatic Synchronization:** The device is designed to automatically sync the two components (steering wheel controls and radio) upon initial connection.

3. **Manual Programming (if required):** If automatic synchronization does not achieve desired functionality or for custom configurations, the device can be manually programmed. This typically involves connecting the SWI-CP5 to a computer via a USB cable and using a web-based updater.

Programming the Interface:

The SWI-CP5 can be programmed using a computer. This process involves selecting your vehicle's make, model, and year, along with your aftermarket radio brand and model, through a dedicated web application. The application then allows you to customize button functions.

Your browser does not support the video tag.

Video: This video demonstrates the process of flashing (programming) a universal steering wheel control interface (Idatalink Maestro ADS-MSW), illustrating general steps applicable to devices like the PAC SWI-CP5.

OPERATING INSTRUCTIONS

Once the PAC SWI-CP5 is correctly installed and programmed, your steering wheel controls will operate your aftermarket radio. A key feature of this interface is the ability to assign two functions per button: a "press once" function and a "press and hold" function (for more than three seconds).

Example Functions:

- **Volume Up/Down:** Typically, a single press adjusts the volume.
- **Seek Up/Down:** A single press changes the radio station or track.
- **Mode:** A single press can switch between audio sources (FM, AM, Bluetooth, CD).
- **Mute:** This function can be assigned to a "press and hold" action, for example, holding the volume down button.
- **Preset Navigation:** "Press and hold" actions can be configured to cycle through radio presets.
- **Phone Controls:** Buttons can be assigned to answer/reject calls or access the phone menu via "press once" or "press and hold" actions.

Your browser does not support the video tag.

Video: This video demonstrates the functionality of a universal steering wheel control interface (Idatalink Maestro ADS-MSW), showcasing how steering wheel buttons can control an aftermarket radio, including volume, seeking, muting, and navigating phone menus. These operations are generally applicable to devices like the PAC SWI-CP5.

MAINTENANCE

The PAC SWI-CP5 is a low-maintenance device. Ensure all connections are secure and free from corrosion. Periodically check for firmware updates on the manufacturer's website to ensure optimal performance and compatibility with new radio models or vehicle updates.

TROUBLESHOOTING

- **Controls Not Responding:**

  - Verify all wiring connections are correct and secure according to the installation guide.
  - Ensure the SWI-CP5 is properly programmed for your specific vehicle and aftermarket radio. Re-flash the firmware if necessary.
  - Check the aftermarket radio's settings to ensure steering wheel control input is enabled and configured correctly.

- **Incorrect Button Functions:**

  - Re-enter the programming mode and verify that each button's "press once" and "press and hold" functions are assigned as desired.
  - Consult the manufacturer's web-based updater for specific button mapping options for your setup.

- **Difficulty Connecting to PC for Programming:**

  - Ensure you are using a compatible USB cable (mini-USB).
  - Try a different USB port on your computer.
  - Ensure your computer's operating system and browser are up to date.

SPECIFICATIONS

- **Model Number:** SWI-CP5
- **Dimensions:** 8.4 x 1.2 x 4 inches
- **Item Weight:** 6.4 ounces (0.4 Pounds)
- **Compatibility:** Universal, compatible with major radio brands and resistor-based steering wheel control systems.
- **Programming:** Android and iOS programmable, PC programmable via USB.
- **Features:** Supports assigning two radio functions to a single steering wheel control button, retains steering wheel control functions.
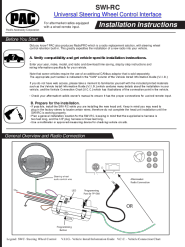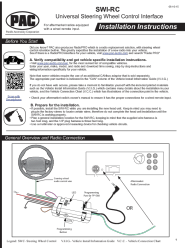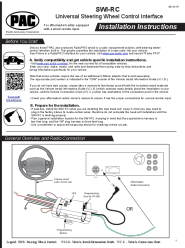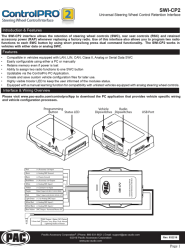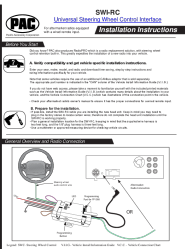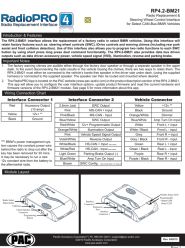
WARRANTY AND SUPPORT

For technical support, please contact PAC directly. Support hours are Monday to Friday: 8:30 am to 5:00 pm EST, and Saturday: 10:00 am to 4:00 pm EST.
Technical Support Phone: 1.866.427.2999
Legal Disclaimer: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Related Documents - SWI-CP5

[PAC SWI-RC Universal Steering Wheel Control Interface Installation Instructions](#)
Detailed installation instructions and vehicle compatibility guide for the PAC SWI-RC Universal Steering Wheel Control Interface, enabling aftermarket radio integration with factory steering wheel controls.

[PAC SWI-RC: Universal Steering Wheel Control Interface Installation Guide](#)
This document provides installation instructions for the PAC SWI-RC Universal Steering Wheel Control Interface, enabling aftermarket radios to utilize factory steering wheel audio controls. It includes wiring diagrams, compatibility checks, and programming guides for various vehicle makes and models.

[PAC SWI-RC Universal Steering Wheel Control Interface Installation Instructions](#)
Detailed installation instructions for the PAC SWI-RC Universal Steering Wheel Control Interface, enabling aftermarket radios to utilize factory steering wheel controls. Includes wiring diagrams, programming steps, and troubleshooting.

[PAC SWI-CP2 Universal Steering Wheel Control Retention Interface Manual](#)
This document provides installation, configuration, and troubleshooting information for the PAC SWI-CP2 Universal Steering Wheel Control Retention Interface. Learn how to retain steering wheel controls, rear seat controls, and retained accessory power when replacing a factory radio.

[SWI-RC Universal Steering Wheel Control Interface Installation Instructions](#)
Comprehensive installation guide for the PAC SWI-RC Universal Steering Wheel Control Interface, providing step-by-step instructions, wiring diagrams, programming procedures, troubleshooting tips, and vehicle compatibility information for integrating aftermarket car radios with factory steering wheel controls.

[RadioPRO RP4.2-BM21: BMW Radio Replacement and Steering Wheel Control Interface Guide](#)
Comprehensive guide for the PAC RadioPRO RP4.2-BM21 interface, detailing installation, features, and programming for BMW CAN-Bus vehicles. Learn to retain steering wheel controls, warning chimes, and other factory functions when upgrading your car stereo.