

Introduction & Features

The RP4.2-PSA52 interface allows the replacement of a factory radio in select Peugeot & Citroen vehicles. Using this interface will retain factory features such as: steering wheel controls, parking sensor audio, warning chimes and vehicle menu options. The RP4.2-PSA52 also provides data bus driven outputs such as accessory power, vehicle speed signal (VSS), illumination, reverse and parking brake.

Wiring Information

Interface Connector 1

Red	Accessory Output (10 amp)
Yellow	12v+
Black	Ground

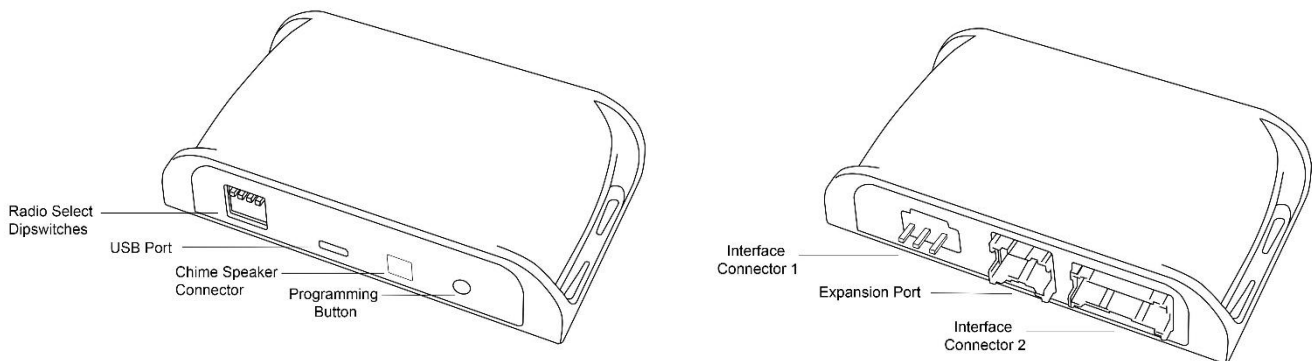
Interface Connector 2

3.5mm Jack	SWC Output
Pink	MS-CAN + Input
Pink/Black	MS-CAN - Input
Blue/Yellow	SWC Output
Red/White	12v+ Output (0.5 amp)
Orange/White	Illumination Output
Pink	Vehicle Speed Signal Output
Violet/White	Reverse Output
Light Green	Handbrake Output (-)
Blue/White	Amp Switch On Output

Radio Connector

Yellow	+12v
Black	Ground
Orange/White	Illumination
Blue/White	Amp Switch On
White	Front L + input
White / Black	Front L - input
Grey	Front R + input
Grey / Black	Front R - input
Green	Rear L + input
Green / Black	Rear L - input
Purple	Rear R + input
Purple / Black	Rear R - input

Module Layout



Installation

SET RADIO DIPSWITCHES (ON = DOWN)

Alpine	JVC	Kenwood	Clarion	Pioneer/Other	Sony	Fusion
1	2	1 & 2	3	1, 2, & 3	4	1 & 4

Other = Advent, BOYO, Dual, Lightning Audio, Rockford Fosgate, Visteon

- The radio dipswitches on the side of the interface must be adjusted to the correct radio setting (ON/DOWN) before plugging the interface into the vehicle.
- To install the chime speaker, simply connect the 2 pin connector of the supplied speaker to the RP4.2-PSA52 to retain the parking sensor audio and warning chimes. The speaker can then be routed and mounted in a suitable location

Installation (cont)

1. Plug the Quadlock connector into the vehicle and connect the ISO plug to the aftermarket radio.
2. Connect the SWC wire to the aftermarket radio (the radio must support a wired or 3.5mm jack remote input).
3. Once all connections have been made, plug the interface into the vehicle and test for correct operation

Steering Wheel Controls

Default Steering Wheel Control Programming

IMPORTANT! The interface comes pre-programmed for all the vehicles factory SWC functions and does not require programming unless you wish to re-assign the SWC functions or utilise short press long press dual command functionality. The SWC can always be restored to 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.

Optional SWC Programming Procedure

1. Turn the key to the ignition position.
2. Press and release programming button on the side of the interface. The Status LED will turn green.
3. Within 7 seconds, press the button that is to be reassigned on the steering wheel. The LED will turn red when the button is pressed.

At this point you have two options:

A. For short press functionality: Release the button within 1.5 seconds. The LED will turn back on.

B. For long press functionality: Hold the button until the LED starts blinking. Release the button and the LED will go back to solid.

4. If you need to program more buttons, repeat step 3 for each additional audio function on the steering wheel.
5. If you come across a function in the chart that your 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 that function.
6. Once programming is completed, wait seven seconds. The LED will flash three times indicating end of programming.
7. Test the interface for proper functionality. Whenever a SWC is pressed the LED on the interface should blink. If any functions do not work, repeat the programming steps

Optional Programming Order

Radio	Alpine	JVC	Kenwood	Clarion / Nakamichi	Other*	Sony	Pioneer	Fusion
1	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +
2	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -
3	Mute	Mute	Mute	Mute	Mute	Mute	Mute	Mute
4	Preset +	Source	Source	Source	Preset +	Preset +	Preset +	Source
5	Preset -	Track +	Play	Search +	Preset -	Preset -	Preset -	Track +
6	Source	Track -	Track +	Search -	Source	Source	Source	Track -
7	Track +	Band/Disc +	Track -	Band	Track +	Track +	Track +	Audio
8	Track -	Preset/Disc -	Disc/FM +	Send/End	Track -	Track -	Track -	Power
9	Power	Select	Disc/AM -	Send	Band	Band	Band	
10	Enter/Play	Attenuation	Answer	End		Reject Call/Source (Bluetooth equipped radios only)	Phone Menu	
11	Band/Program	Phone Receive	Voice Dial			Answer/End Call	Answer Call	
12	Receive	Phone Reject	On Hook				End Call	
13	End	Voice Dial	Off Hook				Voice Activation	
14		Power	Mute (Multimedia unit only)					

*Other = Advent, Boyo, Dual, Lightning Audio, Rockford Fosgate, & Visteon

Restoring Factory Settings

You can restore the interface to factory default settings by pressing and holding the programming button on the side of the module until the status LED starts blinking red. Once the LED starts blinking red, release the button. You must release the button while the LED is blinking red in order to perform the reset.

Vehicle Menu

The RP4.2-PSA52 interface retains access to the vehicle settings menu on Peugeot and Citroen vehicles. Use of this function will allow access to vehicle information and allow the user to adjust the date and time.

1. The vehicle menu is accessed using the steering wheel controls
2. There are two types of display fitted in Peugeot and Citroen vehicles
 - a. Display type A
 - b. Display type B



Main menu



Main menu



Display Type A



Display Type B

3. If the vehicle is fitted with **Display Type A**:
 - Hold the OK button (source) for 3 seconds. A single beep will be heard followed by a second beep. After the second beep, release the OK (source) button.
4. If the vehicle is fitted with **Display Type B**:
 - Hold the OK button (source) for 1 second. A single beep will be heard. After the beep, release the OK (source) button.
5. Press the Menu (seek+) button to call up the menu display.
6. Use the rotary button to scroll through the menu options.
7. Press the OK (source) button to select or confirm an option.
8. **Display type A** – Use the rotary button to change an option, for example day, month, year etc.
9. **Display type B** - Use the volume + or volume – to change an option, for example day, month, year etc.
10. Press the escape (seek-) button to go back or exit an option.
11. Hold the escape (seek-) button to exit the display mode and return the steering controls to controlling the radio. Exiting display mode will be confirmed with a double beep.
12. If there is no input from the steering controls in display mode, after 30 seconds the controls will automatically default back to controlling the radio.

