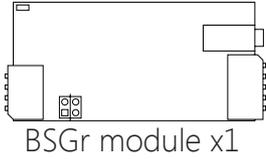


BSGr(Button Signal Generator Resistive) User Guide

1. Feature of BSGr

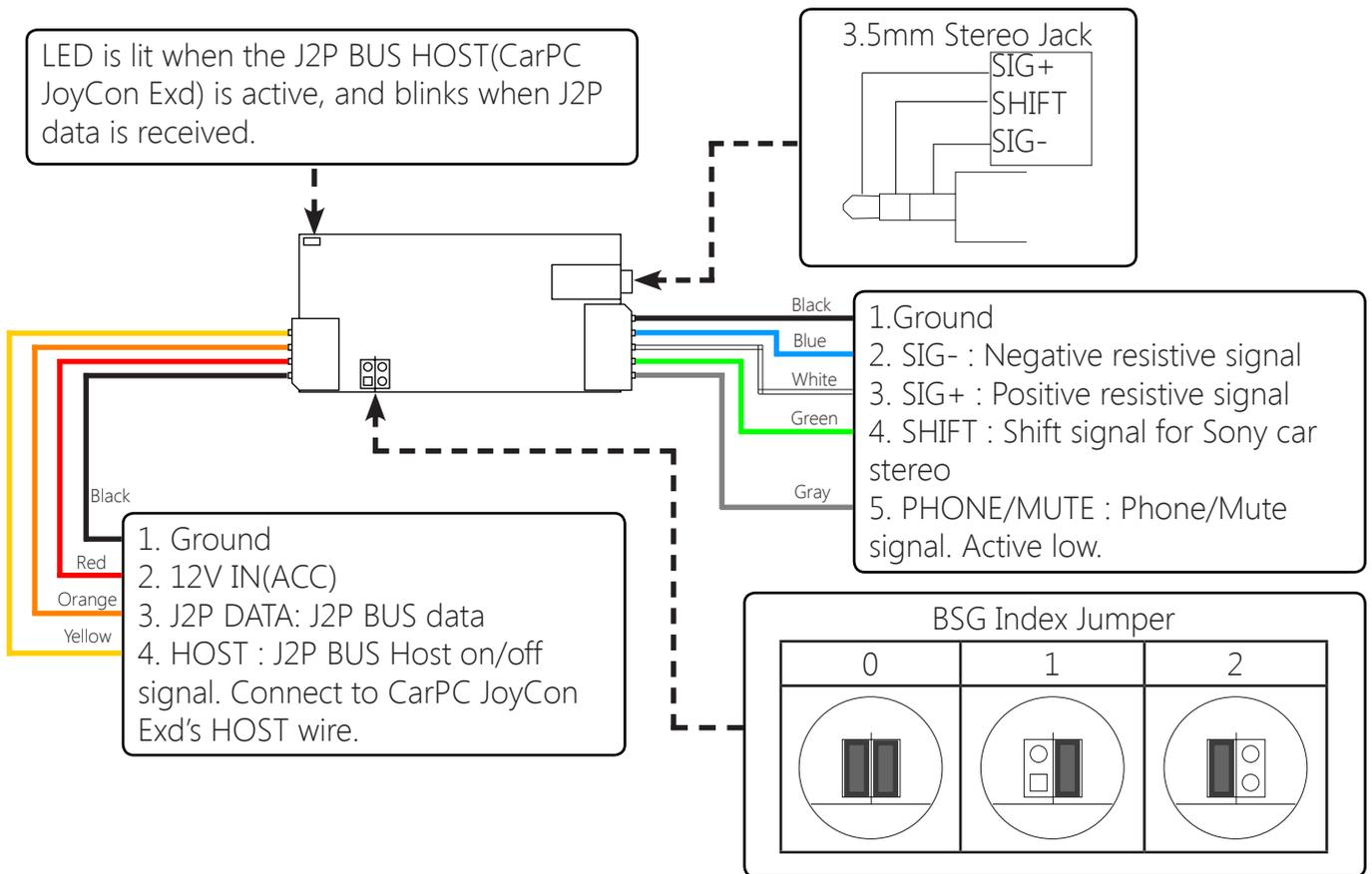
- Generates resistive controller signal for car stereo remote control.
- Controls the resistive signal controlled car stereo(eg. Sony, Hyundai, KIA)
- Controlled by CarPC JoyCon Exd though J2P BUS
- Generates Phone/Mute signal
- Resistance range 0~100k ohm

2. Contents



Heat Shrinkable Tube x2
User guide

3. Board Layout



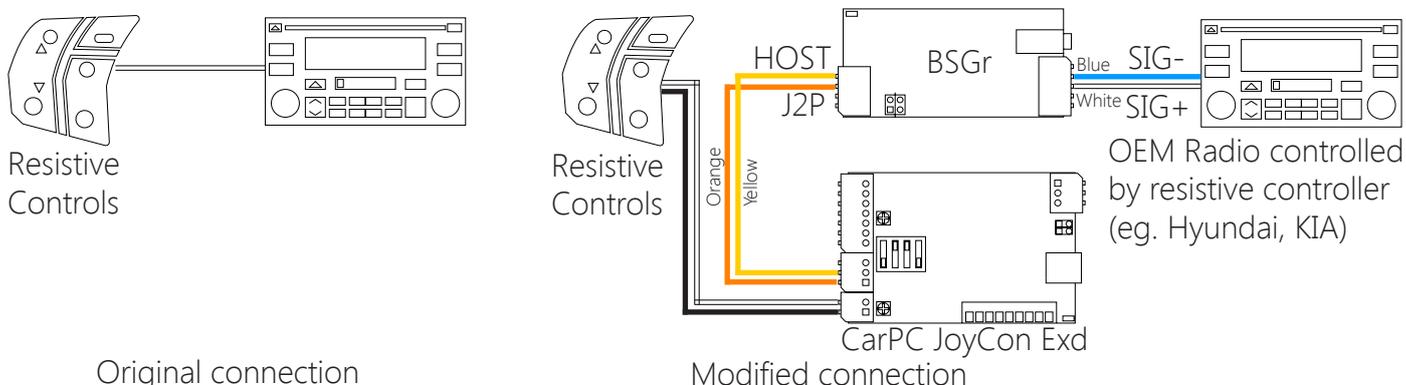
4. Installation

BSGr is a CarPC JoyCon peripheral device connected through J2P BUS.

Connect CarPC JoyCon Exd's HOST and J2P to BSGr's HOST and J2P respectively.

Connect BSGr's SIG+ to the steering wheel controller's positive signal.

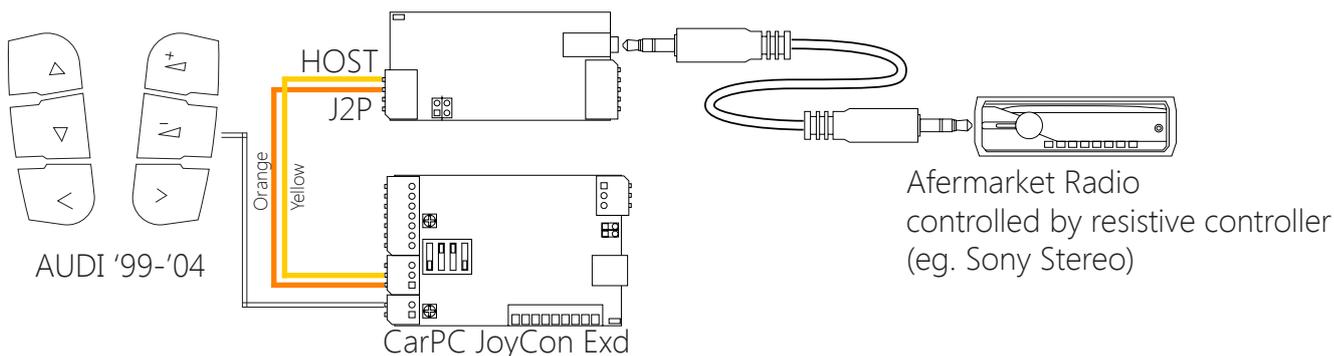
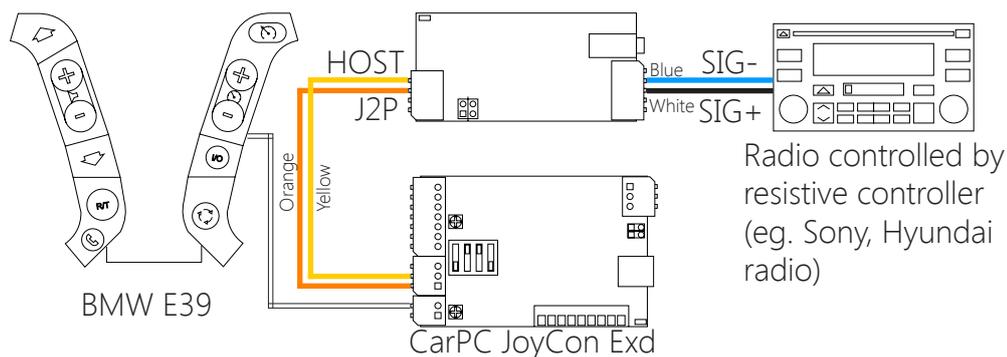
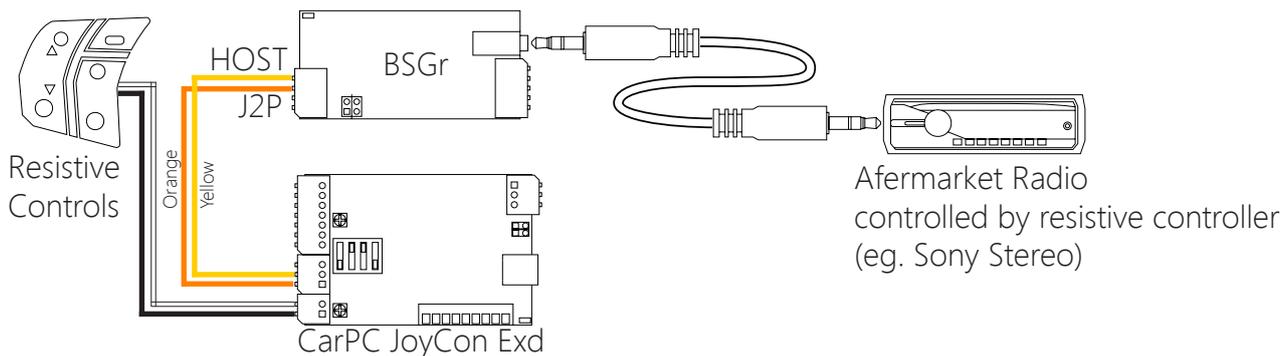
Connect BSGr's SIG- to the steering wheel controller's negative signal. If there is no steering wheel controller's negative signal wire, connect SIG- to Ground.

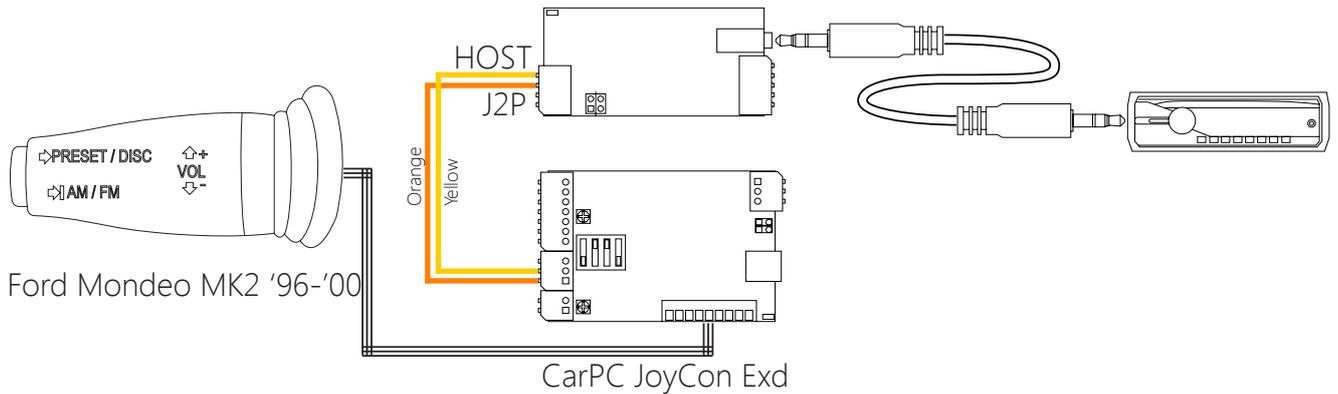
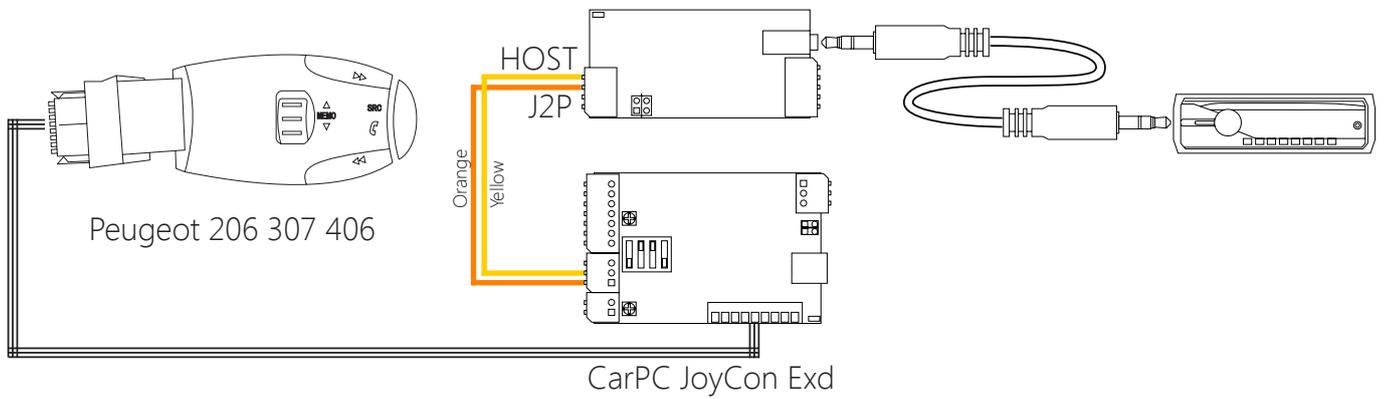


You can also use a different kind of steering wheel controller for a different kind of radio.

For example, you can control the resistive controlled radios(eg. Sony, Hyundai radio) with GM controller. This is useful when you install an aftermarket car stereo.

Use 3.5mm stereo cable to connect BSGr to Sony Radio.





5. Configuration of JoyCon Explorer

1. Choose the number of BSG device in **Num. of BSG**.
2. Choose the **BSG index**.
3. Choose the **Type** of BSG as BSG-R.
4. Put the **Resistance** value of each buttons. The resistance unit is ohm.
5. Put the **Name** of BSG button that is spoken when the Button is pressed.
6. Drag-drop the button to the BSG button.

JoyCon Explorer - [1(CPJexd):CarPC JoyCon Exd] : Sony Radio.prs

Folder Button Voice Preset Misc FW

1(CPJexd):CarPC JoyCon Exd Sony Radio

A	B	C/D	LED	BSG	MIX
1	0	Power	<input type="checkbox"/>		
2	2270	Mode	<input type="checkbox"/>		
3	3910	Attenuation	<input type="checkbox"/>		
4	5530	Display	<input type="checkbox"/>		
5	8120	Next Track	<input type="checkbox"/>		
6	10540	Previous Track	<input type="checkbox"/>		
7	15860	Volume Up	<input type="checkbox"/>		
8	20740	Volume Down	<input type="checkbox"/>		
9	29610	Equalizer	<input type="checkbox"/>		
10	43010	Band	<input type="checkbox"/>		
11	8120	Next Album	<input checked="" type="checkbox"/>		
12	10540	Previous Album	<input checked="" type="checkbox"/>		

Type BSG-R Num. of BSG 1

BSG Index

Drag-Drop

BSG Button Signal Generator

Sony radio needs shift signal for Next/Previous Album button, check the checkbox for Next/Previous Album button. BSG settings can be saved as or restored from a file(.bsg).