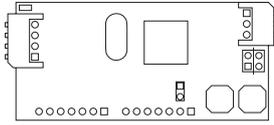


BSGc(Button Signal Generator CAN) User Guide

1. Feature of BSGc

- Generates CAN signal for car stereo remote control.
- Controlled by CarPC JoyCon Exc though J2P BUS
- Generates Phone/Mute signal
- SMPS power supplier circuit(Ultra low heat emission)

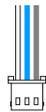
2. Contents



BSGr module x1



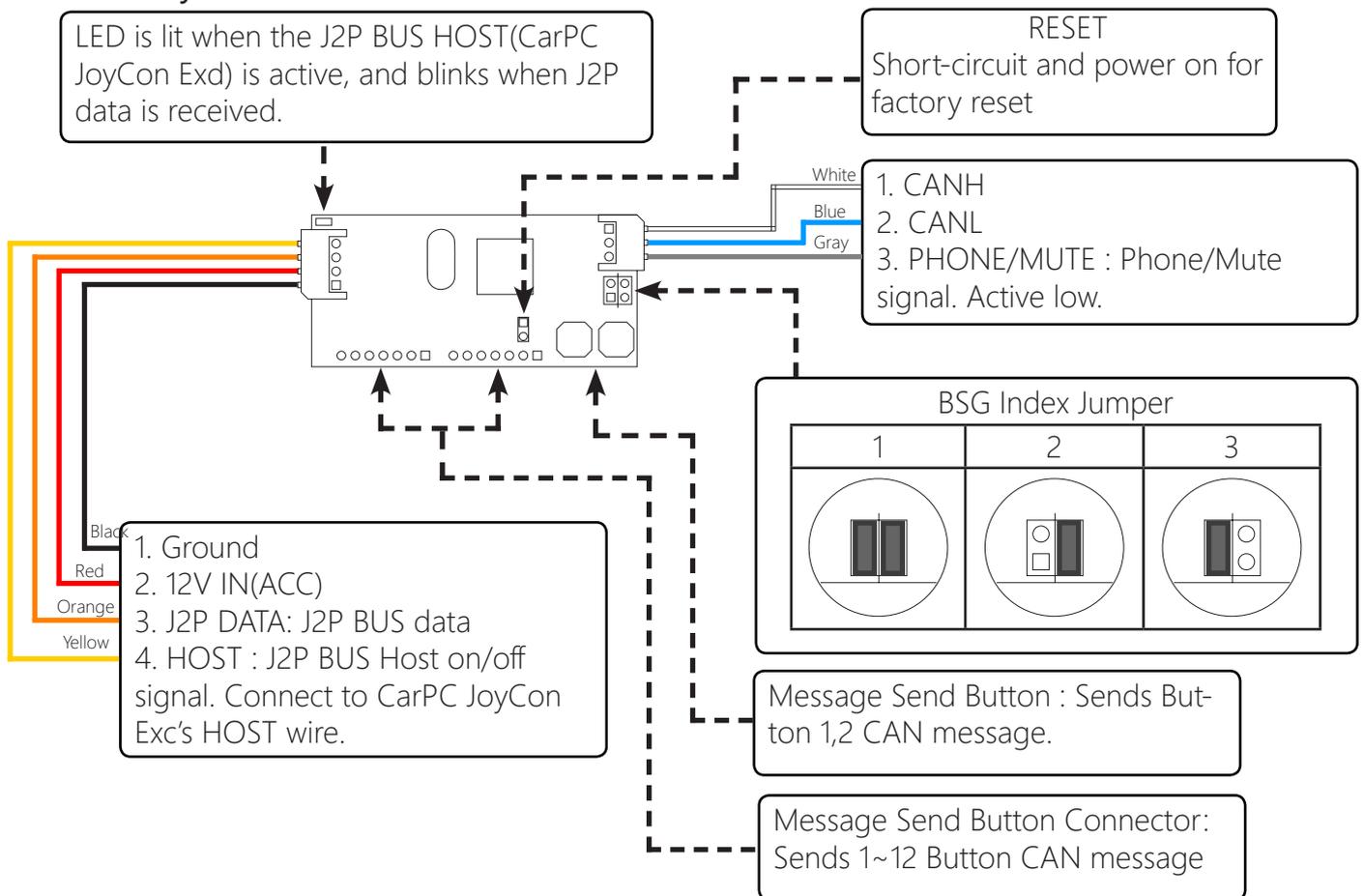
Main cable x1



CAN cable x1

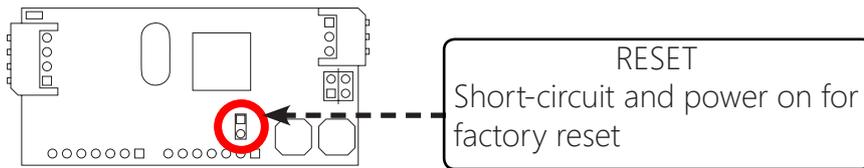
Heat Shrinkable Tube x2
User guide

3. Board Layout



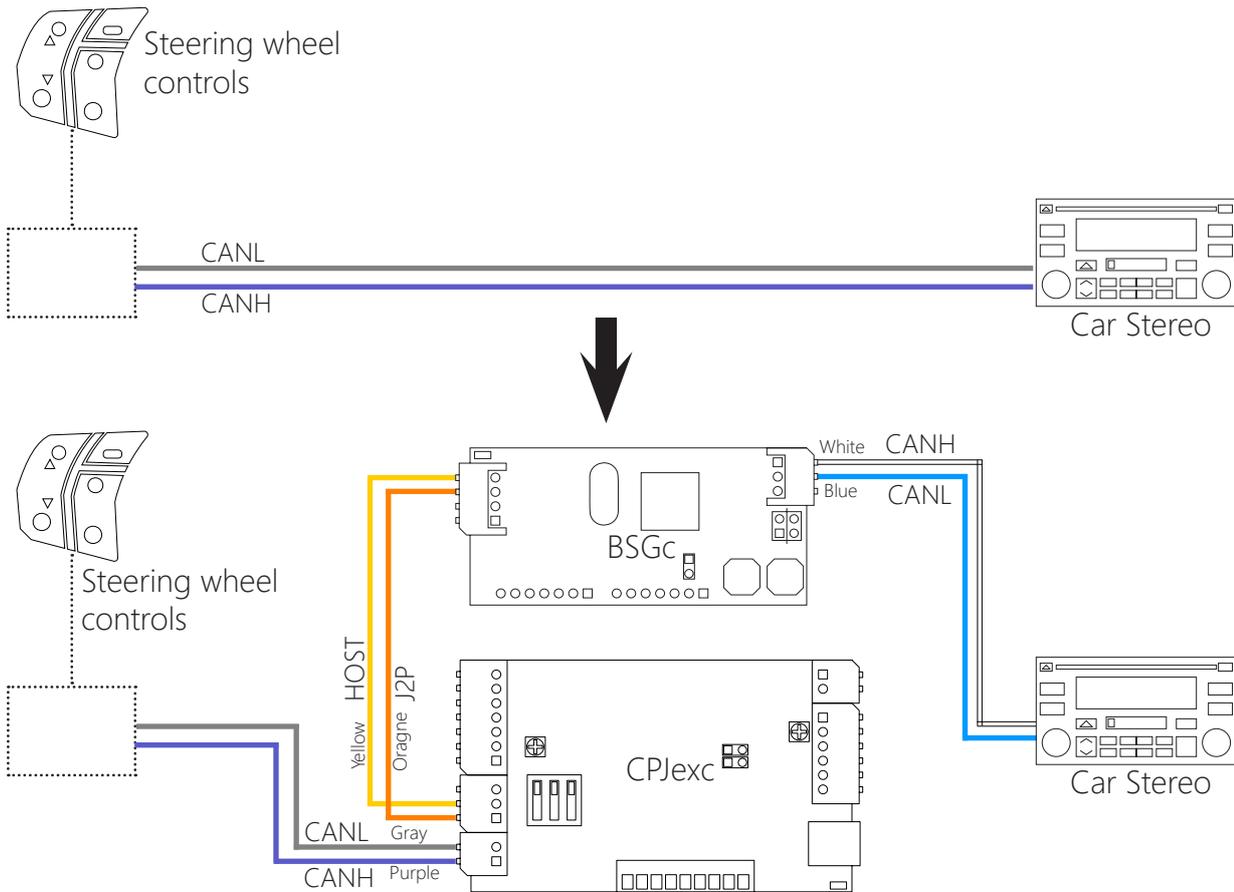
4. Factory Reset

Initialize the configuration including baudrate CAN button messages.



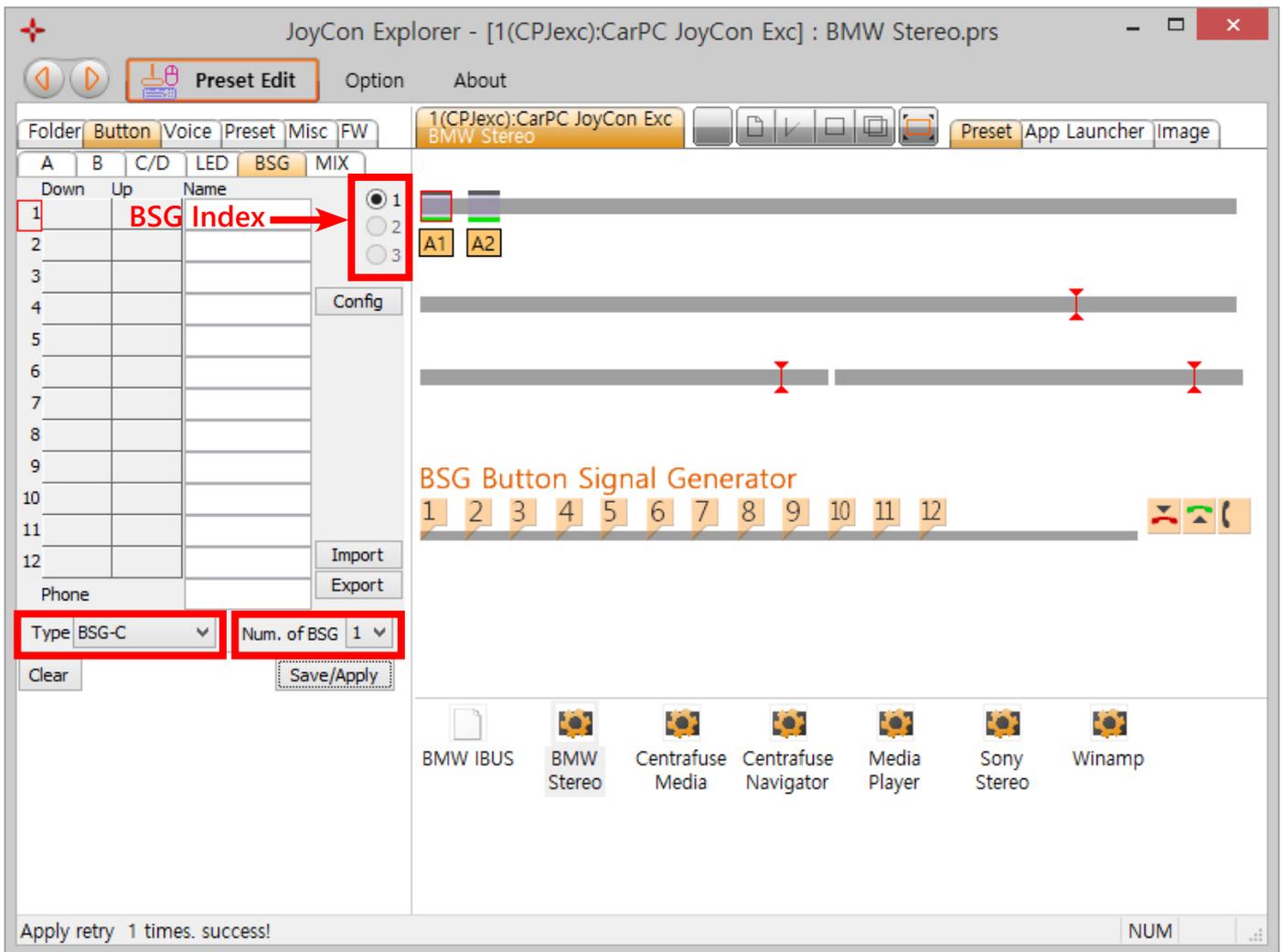
5. Installation

You can control both car PC and car stereo with steering wheel controls using BSGc. BSGc(Button Signal Generator CAN) is an external device connected through J2P BUS. Connect CPJexc's HOST and J2P to BSGr's HOST and J2P respectively. Disconnect CAN wire from the car stereo. Connect BSGc's CAN (CANH, CANL) wire to the car stereo's CAN wire.

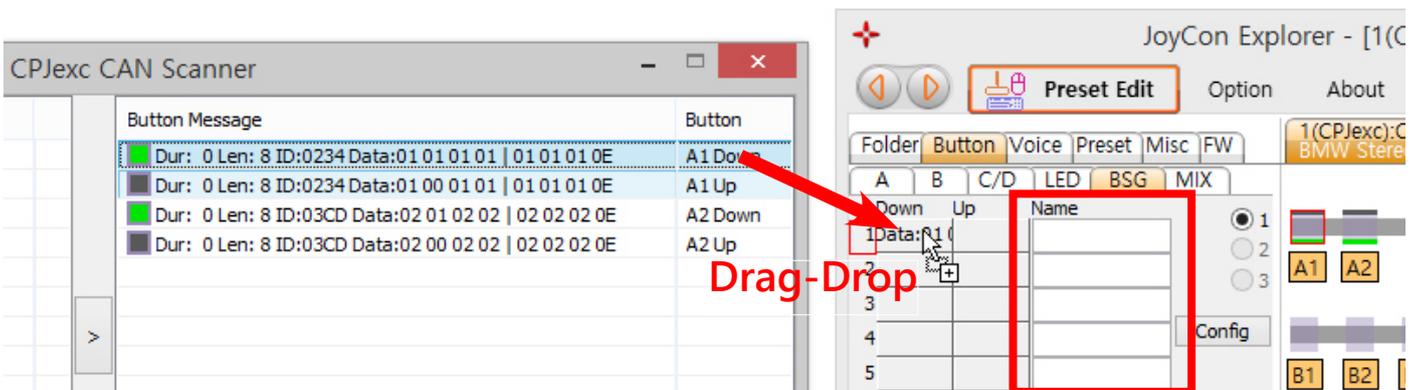


6. JoyCon Explorer Setting

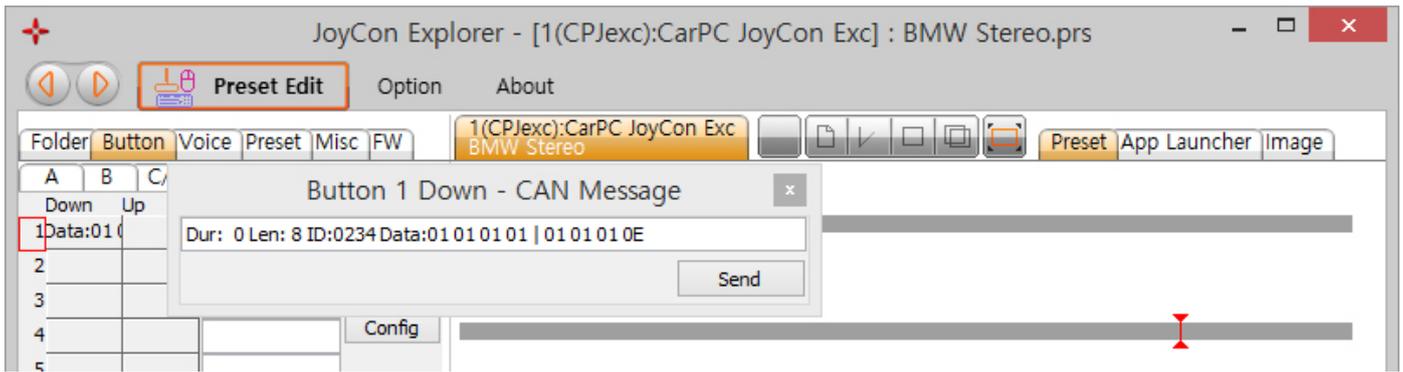
1. Choose the number of BSG device in **Num. of BSG**.
2. Choose the **BSG index**.
3. Choose the **Type** of BSG as BSG-C.



Drag and Drop IBUS message from the **CPJexc CAN Scanner** to BSG Button.
 CAN message of **Up Button** is generated when the steering wheel button is pressed.
 CAN message of **Down Button** is generated when the steering wheel button is released.
Name of BSG button is spoken when the Button is pressed.

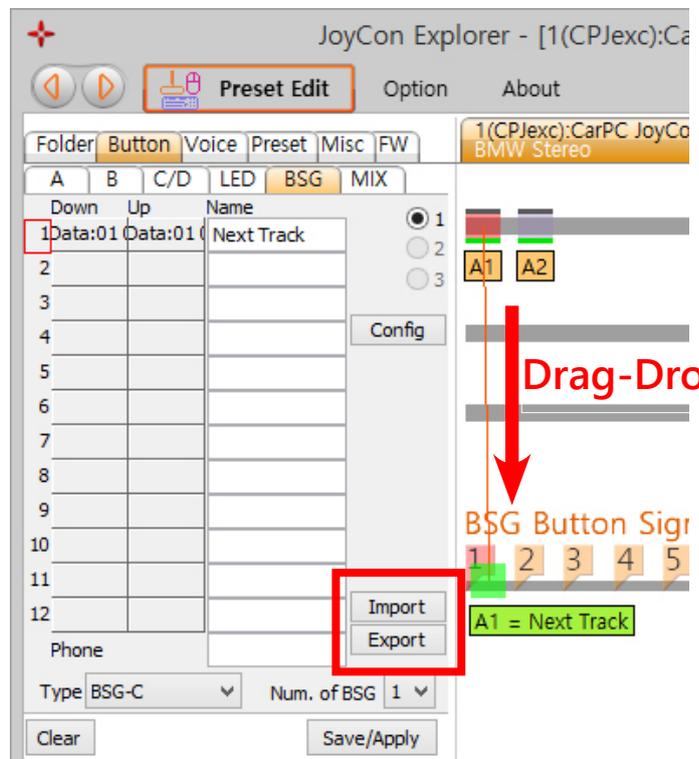
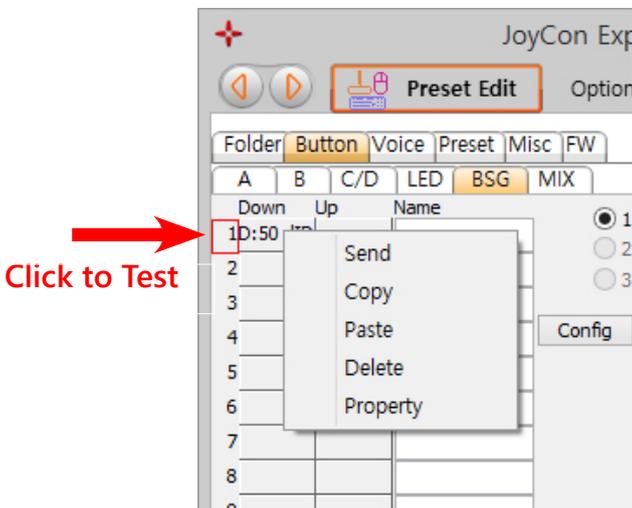


The CAN Message dialog box appears by clicking the BSG button. You can type CAN message in the edit box. "Dur:" is duration of the IBUS message that is repeated while the button is being pressed.



You can test the BSG button by clicking the number. And you can also test the Down or Up message by Send command in the context menu that appears by right clicking of the button message.

Drag-drop buttons to the BSG buttons to connect a steering wheel button to a BSG button.



BSG settings can be saved as or restored from a file(.bsg) with **Import** and **Export** button.

