



## 1. Feature of CarPC JoyCon Exc(JoyCon Exc)

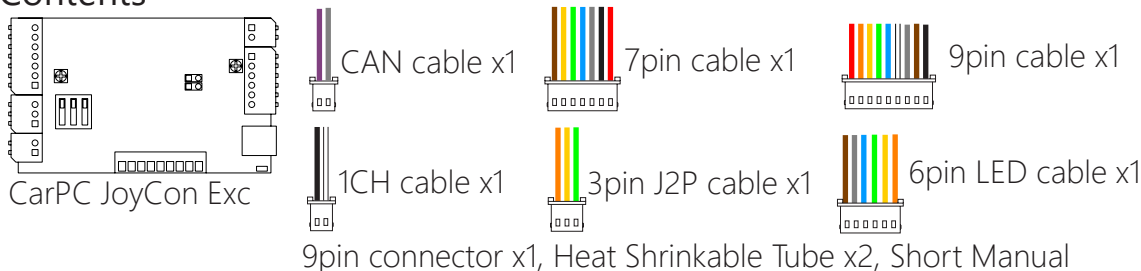
### Hardware feature

- Converts CAN, IBUS, resistive and digital steering wheel controls into USB HID keyboard and HID remote controller
- Supports both standard CAN and extended CAN
- Resistance range adjustable
- Supported digital steering wheel controls :  
BMW IBUS, AUDI '99-'04 (LIN), VW '99-'04 (LIN), Renault Clio, Renault Scenic MK2 8200107974, Hyundai(digital, Sonata2/3, Marcia, Santamo), Renault SM (digital), Volvo XC70 '03
- Works same as standard USB HID keyboard and HID remote controller by hardware
- 24V tolerant 4 channel resistive(voltage) input
- Supports 28 physical buttons, 52 programmable logical buttons
- Long and Short button for one physical button, up to 5 simultaneous key strokes by one button.
- Supports Cyclic Button
- 6 programmable LED port
- Remote wake-up(resume PC from sleep with steering wheel controls)
- Channel Master/Slave selectable
- Supports J2P BUS peripherals(BSGc, BSGr, CPJ MIX)
- Phone/Mute signal output
- Supports BSGd(Button Signal Generator digital),  
BSGd emulates BMW IBUS, AUDI '99-'04(LIN), VW '99-'04(LIN)
- Remote signal output for CPJ MIX
- SMPS power supplier circuit(Ultra low heat emission)
- Temperature range : -40 ~ +85°C

### JoyCon Explorer feature(for Windows PC)

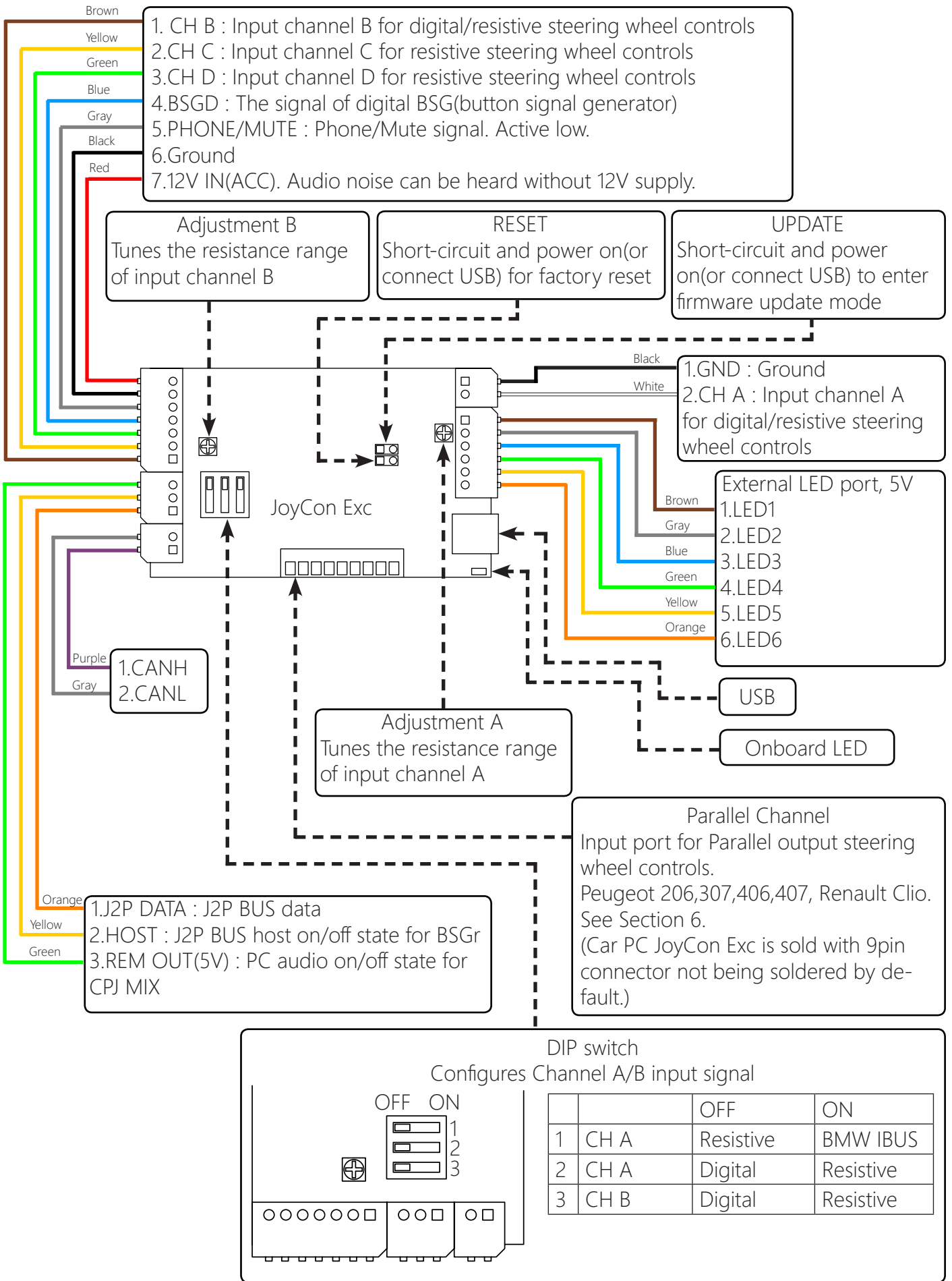
- Preset switching by buttons.
  - Application Launcher(application launches and pops up with preset switching).
  - Voice and OSD by button and preset switching.
  - User definable button voice and OSD.
  - Rearview by reversing light
  - Online firmware update.
  - No driver installation needs
  - Powered by 12~14V DC(vehicle ACC)
  - Available OS : Windows 10, Windows 8, Windows 7, Vista, XP, 2003
- JoyCon Explorer does not support Windows XP, Linux, Mac. But JoyCon Exc works on Linux and Mac after it is configured at Windows.
- JoyCon Explorer does not support Android devices. But JoyCon Exc works on Android devices (from Android version 3.1) after it is configured at Windows.

## 2. Contents



\*USB A-mini B 5P cable and JoyCon Explorer CD is optional. You can download JoyCon Explorer at [www.rcJoyCon.com](http://www.rcJoyCon.com)

### 3. Board Layout



The latest JoyCon Exc full manual is  
<http://www.rcjoycon.com/mn/cpjexc>

