

# UWRC – Universal Wireless Retro Controller: PSX Receiver

---

## Contents

1. Introduction.....	2
2. Attaching the PSX controller cable .....	3
3. Compatibility .....	4
4. Setting a new RF channel .....	5
5. Using wireless Saturn controllers on PSX .....	6

## 1. Introduction

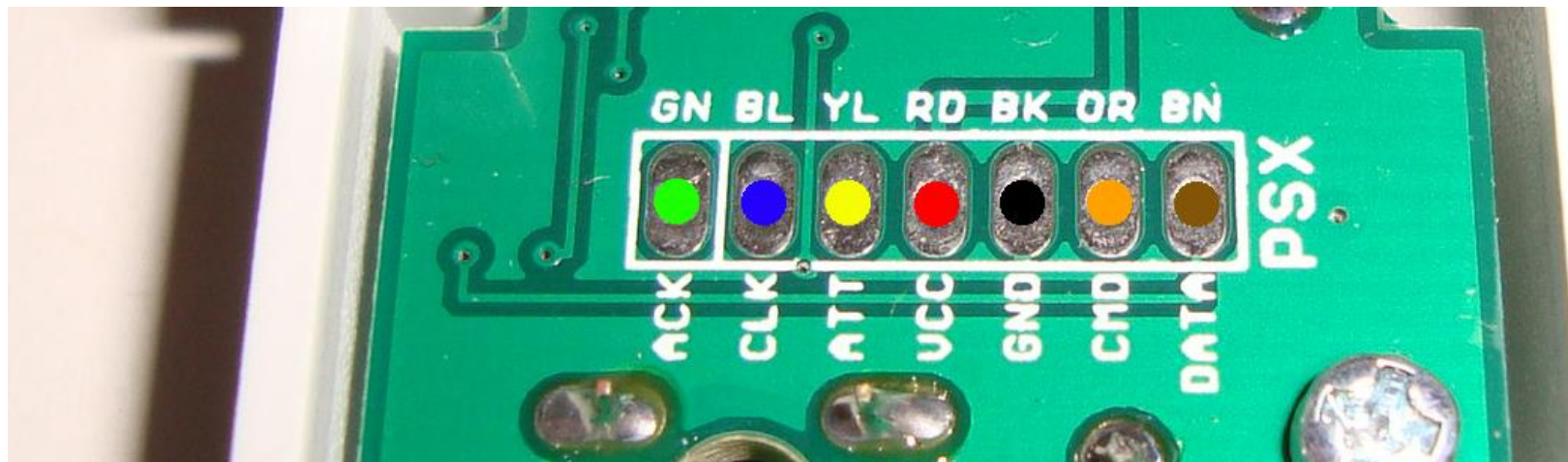
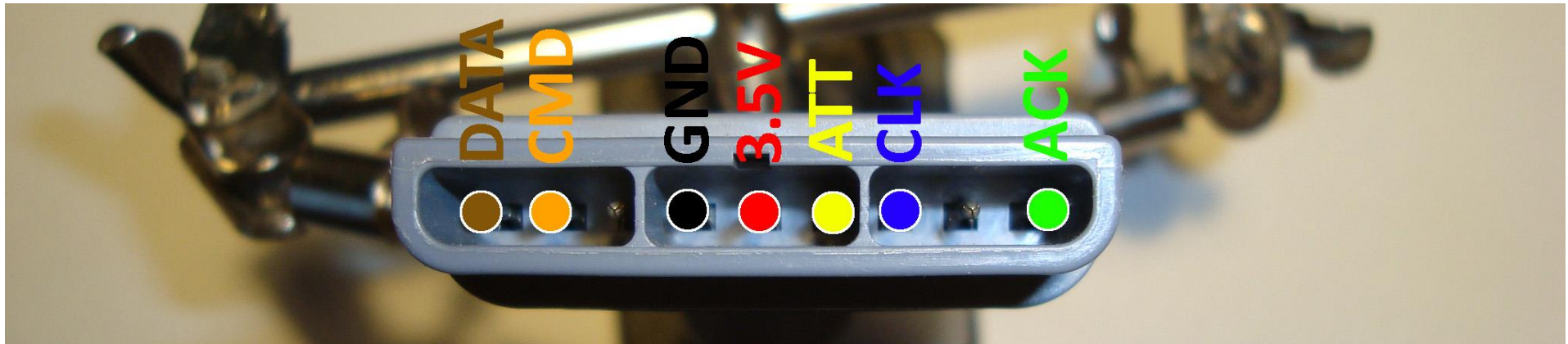
The UWRC PSX receiver allows you to use all the UWRC wireless controllers on a Playstation 1 or 2 console.



## 2. Attaching the PSX controller cable

Before you can use the PSX receiver you need to attach a PSX controller cable to it. There are 7 wires of the PSX controller cable that need to be soldered to the PSX receiver PCB.

Official PSX controller cables usually use the same color coding scheme. The 7 solder pads on the receiver PCB are also marked with a color code. So you really just need to solder the 7 colored wires of the PSX controller cable to the appropriate solder pads on the receiver PCB:



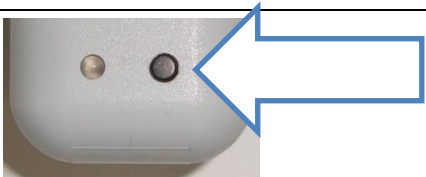
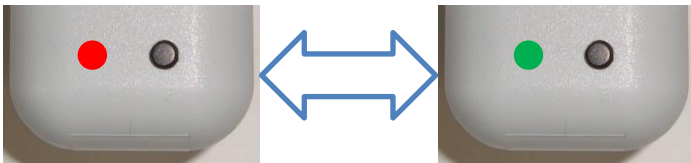


### 3. Compatibility

**Caution:** As said before, the UWRC PSX receiver is designed to be used with a Sony Playstation 1 or 2 console. If you plan on using the PSX receiver in conjunction with a 3rd-party PSX controller adaptor (let's say PSX -> Dreamcast adaptor), then you should check the voltage the adaptor is outputting on the PSX controller socket first.

If the voltage between the „GND“ and „3.5 V“ pins is in fact higher than 3.5 V, then you absolutely shouldn't use it with the UWRC PSX receiver because it will destroy the PSX receiver for sure!

#### 4. Setting a new RF channel

All UWRC receiver and transmitter PCB's are set with RF channel 1 by default. The procedure for setting a new RF channel for the PSX receiver is pretty much the same as for every other UWRC receiver.

First press the receiver's tact switch.	
The receiver's LED will start to blink red and green. This shows you that the receiver is ready to receive a new channel.	
<p>First make sure your UWRC wireless controller is turned off by pressing the turn-off combination described in the controller's manual. Or you can just wait until it gets automatically turned off after 5 minutes of inactivity.</p> <p>Now turn on the controller with the start button while holding the X, O and/or the directional buttons to select one out of ten available RF channels.</p> <p>(The combinations are described in the controller's manual. For example when using a wireless PSX controller, holding the „X“ button will select RF channel 1, holding „O“ RF channel 2...)</p>	
After the receiver has received, selected and stored your desired RF channel the LED goes off. You can now play on your new channel.	

Note 1: You can abort the procedure by pressing the tact switch again. In that case the receiver will continue to operate with the previous RF channel.

Note 2: The RF setting procedure will be aborted automatically if the PSX receiver doesn't receive a new RF channel within 60 seconds.

## 5. Using wireless Saturn controllers on PSX

If you want to use a wireless Saturn controller with your UWRC PSX receiver, you can do so. The Saturn controller's buttons are mapped to the PSX buttons according to this picture:



Note: As you can see, there's no way to trigger „select“ with the Saturn controller. But keep in mind that it's always possible to have another UWRC controller (let's say PSX controller) in reach which is operating on the same RF channel. You can use that other controller whenever you need to trigger „select“. As long as you're not trying to use both controller simultaneously they won't interfere with each other.