

# pxrc - PhoenixRC Flight Controller Adapter

**Author:** Marcus Folkesson <[marcus.folkesson@gmail.com](mailto:marcus.folkesson@gmail.com)>

This driver let you use your own RC controller plugged into the adapter that comes with PhoenixRC [1] or other compatible adapters.

The adapter supports 7 analog channels and 1 digital input switch.

## Notes

Many RC controllers is able to configure which stick goes to which channel. This is also configurable in most simulators, so a matching is not necessary.

The driver is generating the following input event for analog channels:

Channel	Event
1	ABS_X
2	ABS_Y
3	ABS_RX
4	ABS_RY
5	ABS_RUDDER
6	ABS_THROTTLE
7	ABS_MISC

The digital input switch is generated as an *BTN\_A* event.

## Manual Testing

To test this driver's functionality you may use *input-event* which is part of the *input layer utilities* suite [2].

For example:

```
> modprobe pxrc
> input-events <devnr>
```

To print all input events from input *devnr*.

## References

- [1] <http://www.phoenix-sim.com/>
- [2] <https://www.kraxel.org/cgit/input/>