



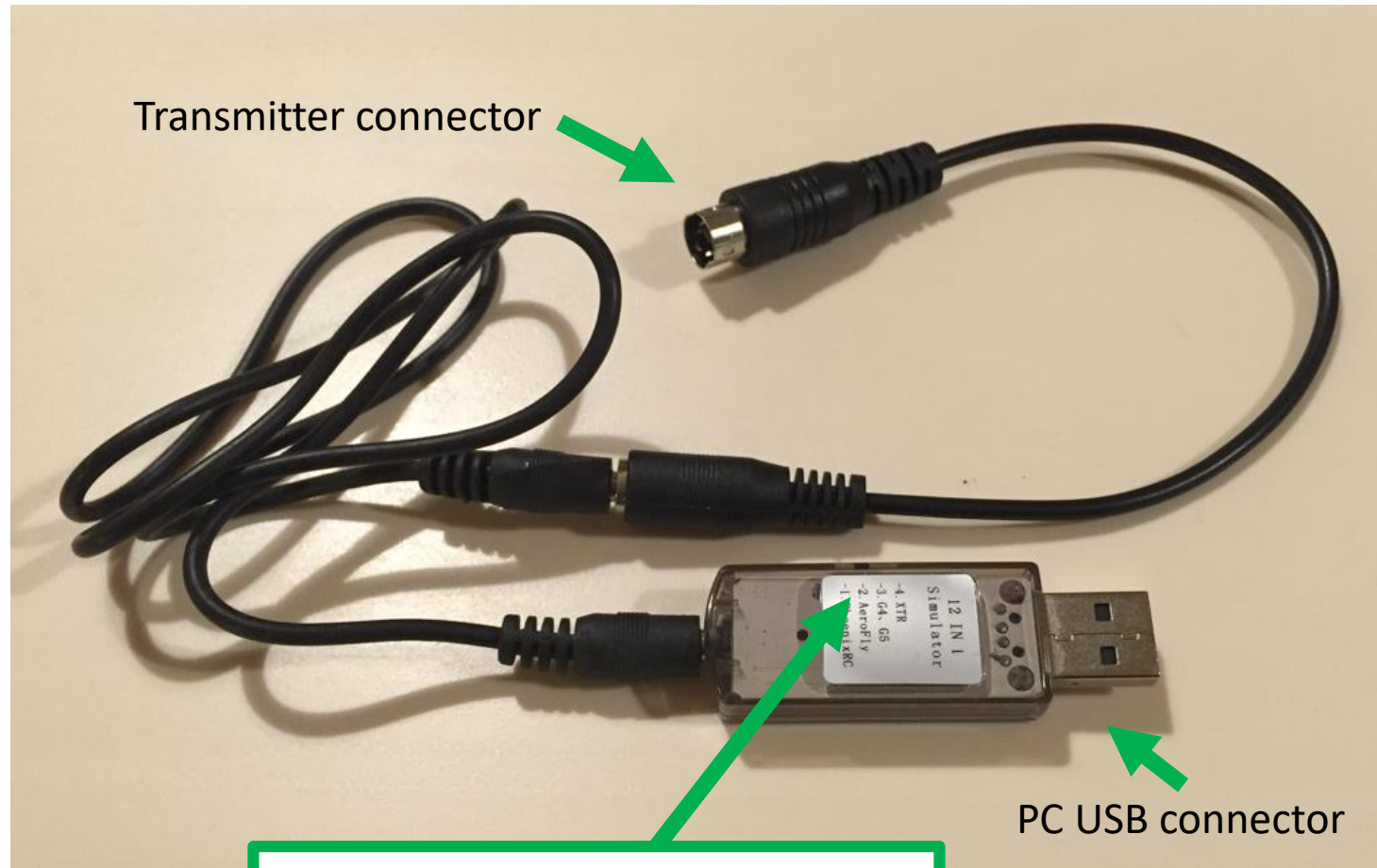
RC Transmitter Interface Configuration

Rotor Rush Drone Simulator

Issue 1.3



Example USB Interface For RC Transmitter





Hardware Setup

Transmitter

1. Connect the USB interface and lead to RC Transmitter
2. Turn on transmitter
3. Create a new model with default settings for flying the simulator

PC

1. Plug USB interface into PC
2. Wait for drivers to install (if any)

2 Step

Go To Selection Room

Fly Solo

The screenshot shows the Rotor Rush website interface. At the top left is the Rotor Rush logo. On the right, there are two buttons: 'Fly Solo' and 'Fly Multiplayer'. The 'Fly Solo' button is highlighted with a green box, and a green arrow points from the 'Fly Solo' text above to it. Below the buttons is a navigation bar with 'Exit', 'News', 'Membership', and 'Tracks' tabs, and a version number 'V3.8.4'. The main content area features four news items:

- MultiGP Regional Finals 2017 (plus UTT1 to UTT6)**
The latest MultiGP track pack is now available with 7 tracks for you ranging from UTT1 to UTT6 through to the Regional Finals track for 2017. Check out the 'Tracks' section above to download and install them. (see rotorrush.com/support if you need any help)
- KDRA MinChan Kim Signature Track**
Korea join the Rotor Rush community in style inviting Korean legend Minchan Kim to design a challenging signature track. The Korean Drone Racing Association (KDRA) headed by James Heedong Kang is one of the worlds premier drone sports organisations and famed for producing some of the highest quality events ever seen.
- IDRL Madras IIT Track Is Back**
Having been out of action for a while we're please to announce that the Madras IIT track has been repaired and an update is now available for you to download and install. (see 'Tracks' section above)
- Track Builder For Race Organisations**
If you're a race organisation looking to get that next track designed then please contact us and grab your track builder. Select the gates you want from our library and use pro cad tools to layout the track. Add dimensions to help build it in the real world and of course test fly it here.

Note: If you have a bad controller configuration you can delete is using SHIFT + KEY C

3
Step

Activate Controller Interface Setup

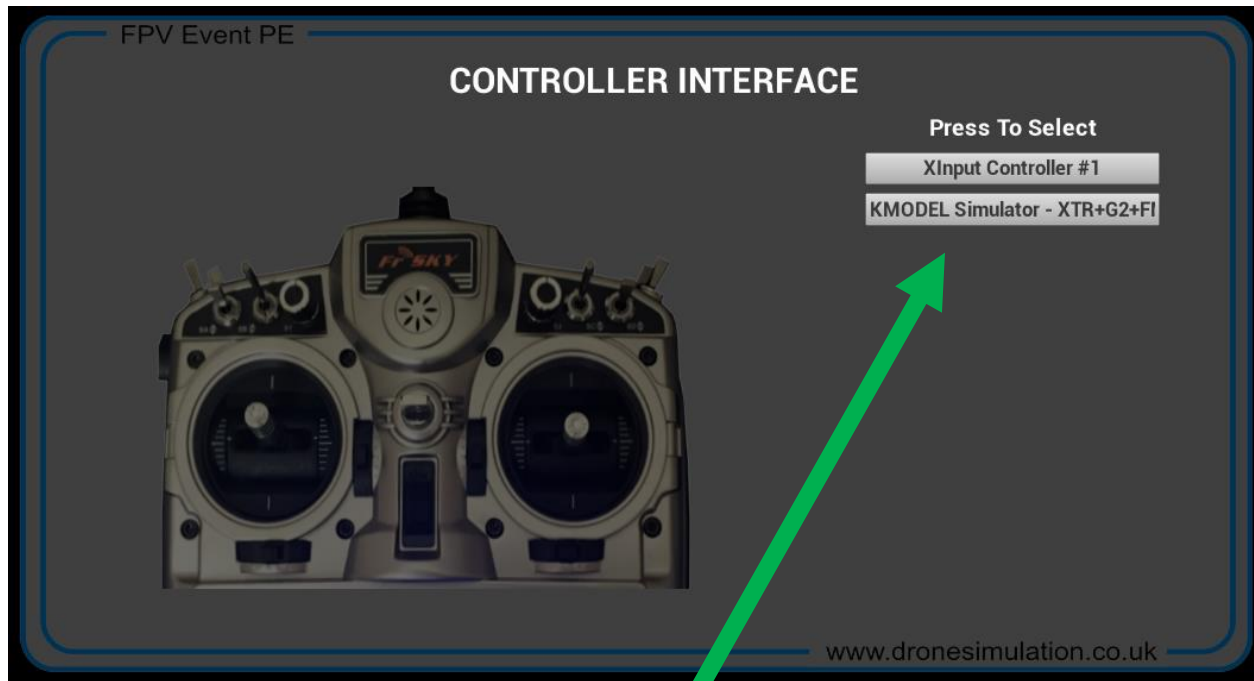


Use KEY C to activate
controller interface setup

Note: If you have a bad controller configuration you can delete is using SHIFT + KEY C

4
Step

Select Your Controllers Interface

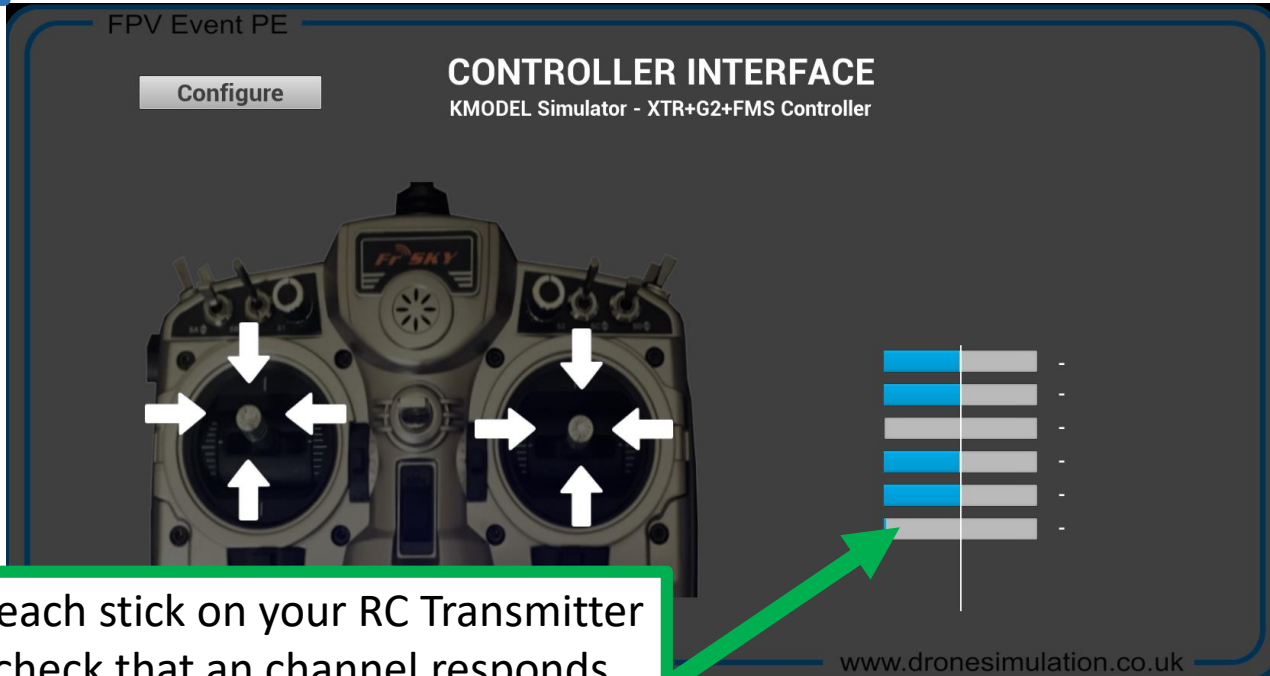


Press the button for the interface you wish to use for your RC Transmitter

5

Step

Check Stick Axis Have Channels



Move each stick on your RC Transmitter and check that an channel responds

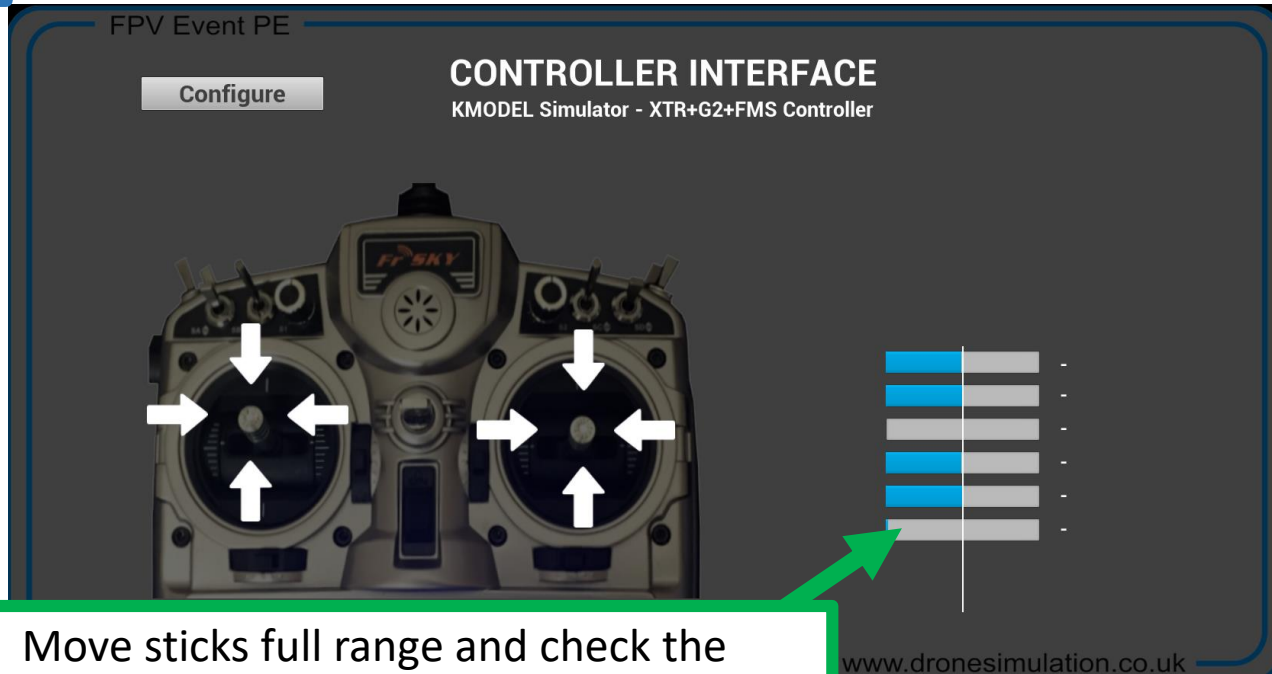
Set Throttle stick to center position

NOTE: *If you move a stick on your controller and there is no response on the channel indicators the interface device you are using is probably not compatible with FPV Event*

6

Step

Check Transmitter Channel Range



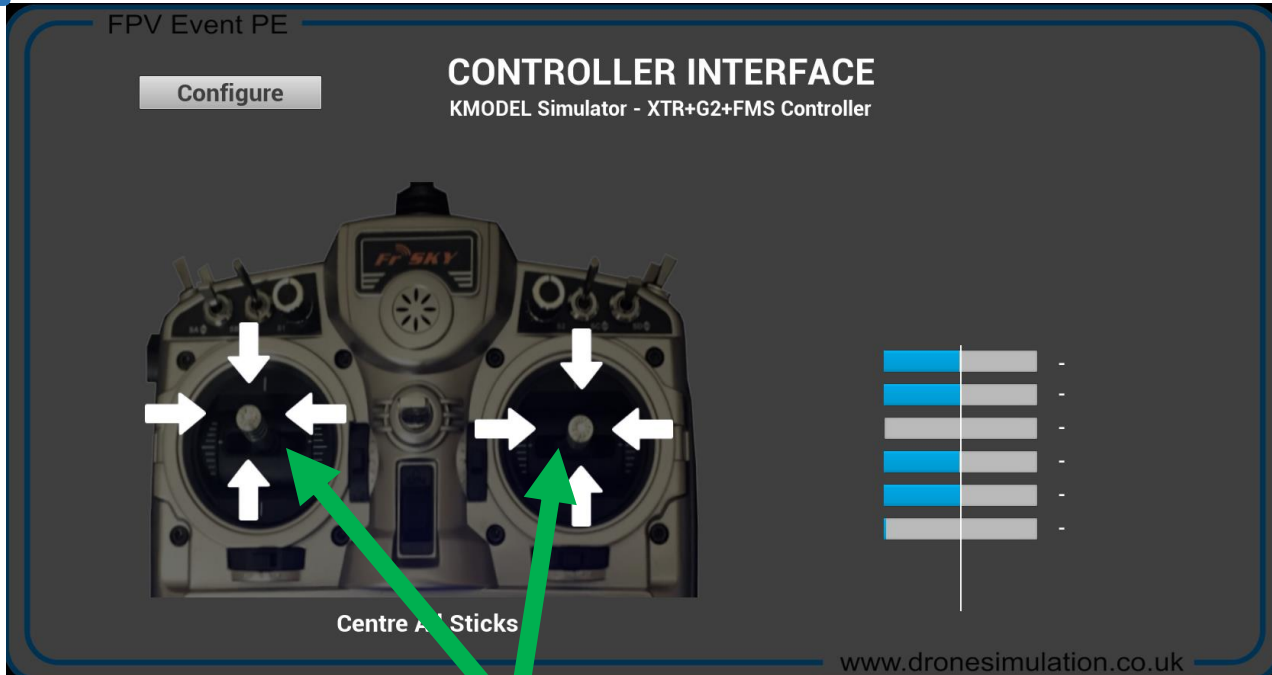
Move sticks full range and check the indicators move full scale.

If your transmitter is able to adjust the end point % set them to achieve full range

7

Step

Centre Sticks



Set both of your sticks to their centre point in all axis (including throttle)

8
Step

Start Channel Configuration

FPV Event PE

Configure

CONTROLLER INTERFACE
KMODEL Simulator - XTR+G2+FMS Controller

Press Configuration Button

www.dronesimulation.co.uk

The screenshot shows a dark grey interface with a central image of a grey and black FPV transmitter. A green arrow points from a white box at the bottom left to a 'Configure' button located in the top left of the interface. To the right of the transmitter is a vertical stack of six horizontal bars, each with a blue segment on the left and a white segment on the right. The text 'CONTROLLER INTERFACE' and 'KMODEL Simulator - XTR+G2+FMS Controller' is centered at the top right. The URL 'www.dronesimulation.co.uk' is at the bottom right.

9
Step

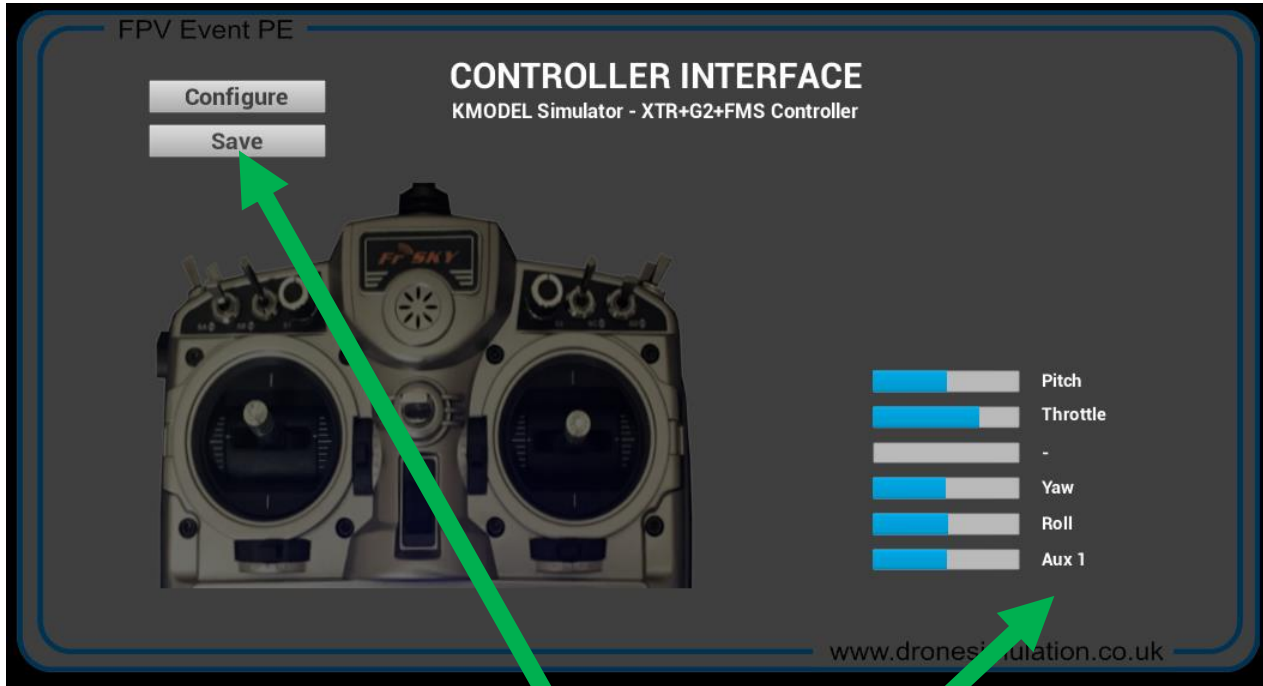
Configure Each Stick



Observe the stick indicators, move each stick fully in the direction shown and hold until the next indicator appears

10
Step

Save Configuration



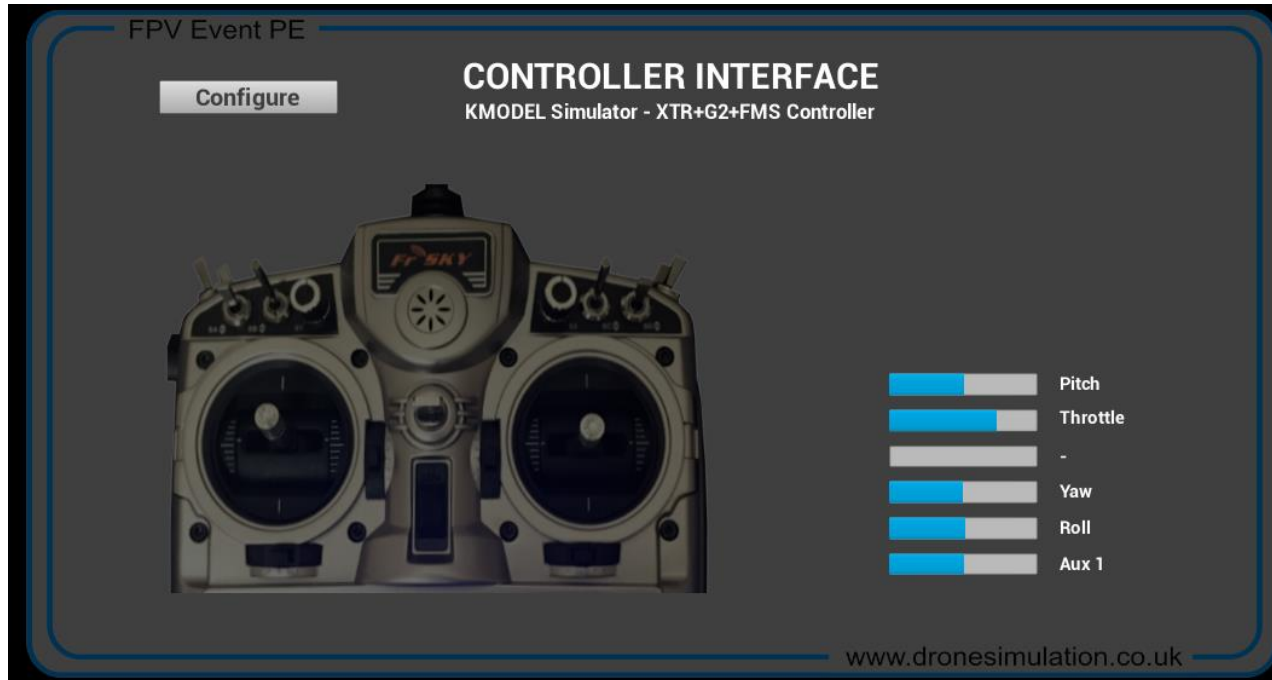
When all sticks have been assigned press the Save button

Note: Assigning AUX switches is optional

11

Step

Exit Configuration Setup



Press KEY C or KEY ESCAPE to exit

12
Step

Configuration Complete

(see trim note)



TRIM

When flying your drone at a track you may need to trim your sticks so that it has a stationary hover. Use your controllers trim buttons or KEY T if it doesn't have any.