



Xbox Adaptive Controller: Mouse Emulator with JoyToKey

Left Joystick = Mouse

A = Left-click

B = Right-click

X = Drag

LB = SPACE bar

RB = TAB key

LT = Backspace

RT = Enter

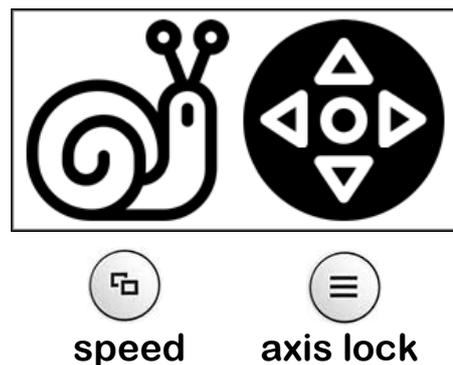
Y = Escape (hold = ALT+F4 to force a programme to quit)

D-pad = Page navigation keys

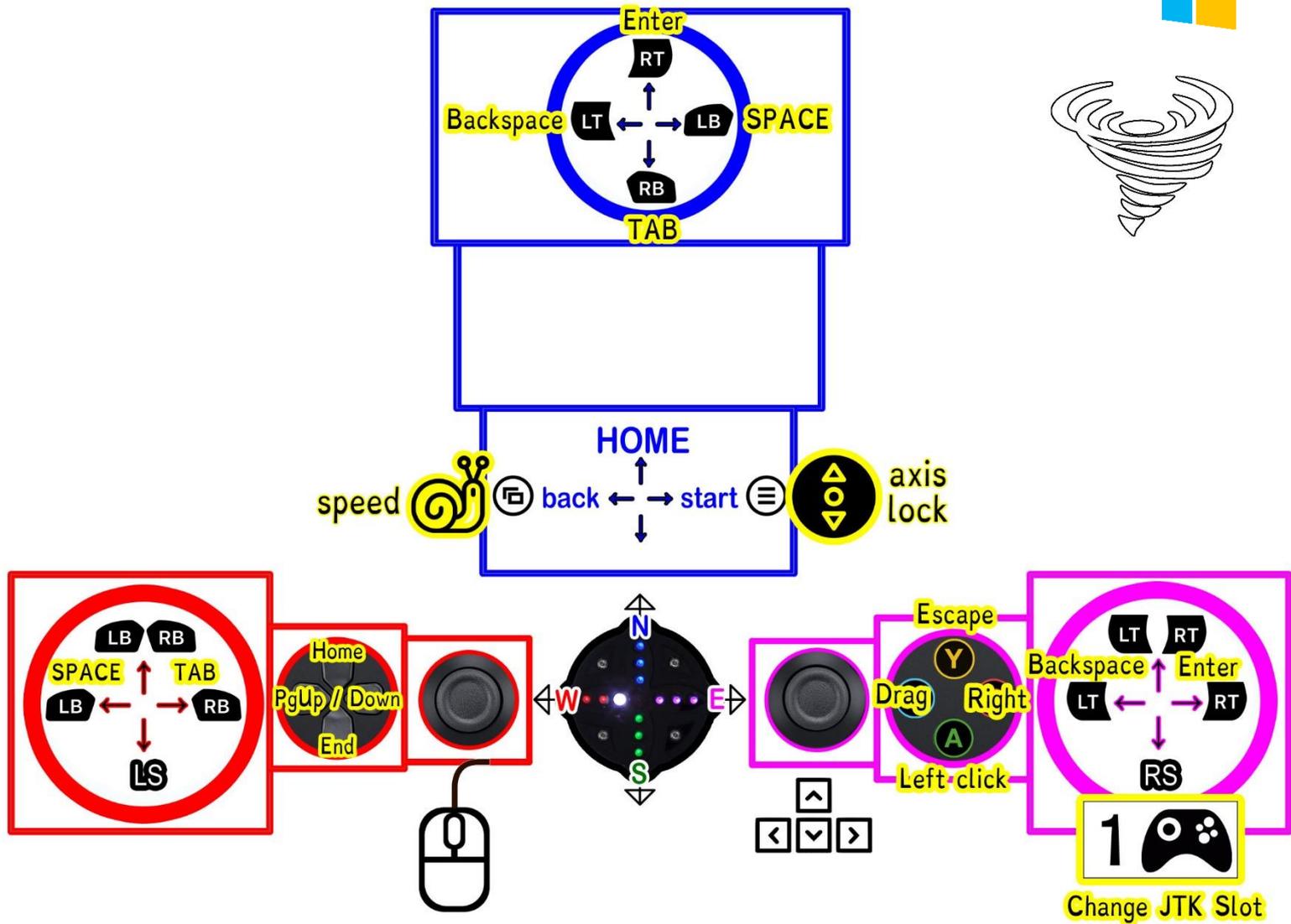
Right Joystick = Cursor keys ↑ ↓ ← →

RS = Change JoyToKey slot (Mouse / Slot 1 / Slot 2 / Slot 3)*

* If using a XAC Game Control Mixer, RS = SHIFT. Instead use joystick mode E3 down.



Game Control Mixer (use an Xbox mode)



GCM100 switch sockets

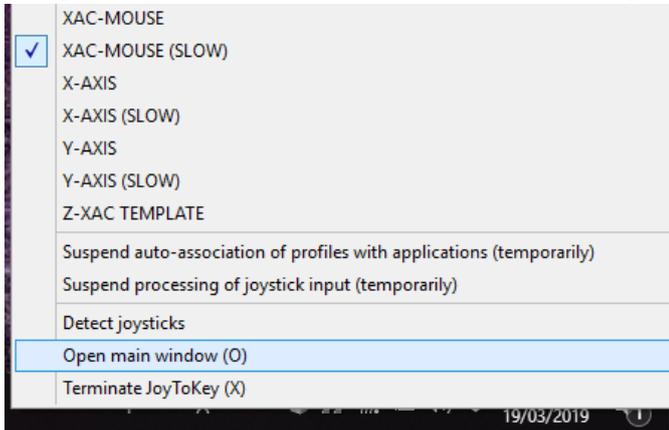
←	1	2	3	4	5	6	7	8	9	X	→
LEFT CLICK	RIGHT CLICK	DRAG	ESCAPE	SPACE	Backspace	TAB	ENTER			Shift	
24 MODES	AXIS LOCK	SPEED				Change Profile	Change Profile				24 MODES

TROUBLE SHOOTING: Joystick Connection Help if not working straight away

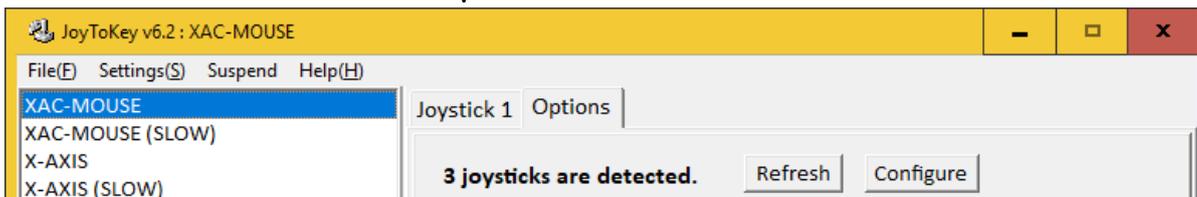
Upon starting JoyToKey, it should be minimised in the “system tray” (at the bottom-right of the screen). Find the small grey JoyToKey icon (a grey joystick and joypad) as highlighted below...



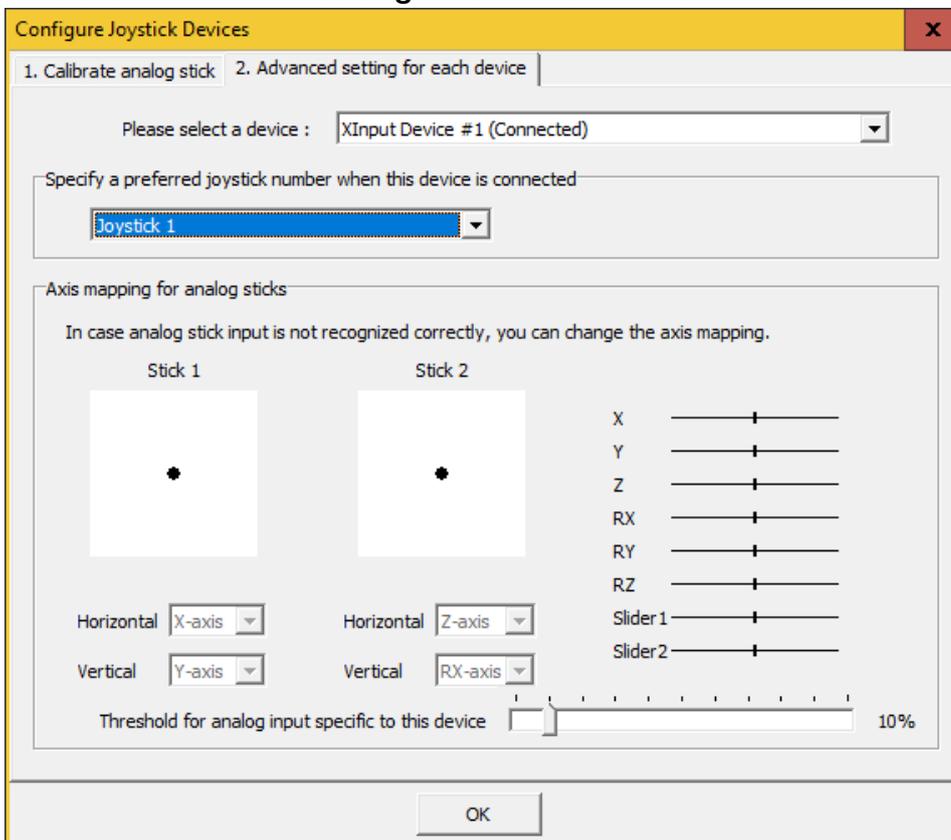
...right-click on the JTK icon, then select “Open Main window”...



...click “Refresh” then on the “Options” tab...



...select 2. Advanced setting for each device. Your connected XAC should be set-up as below:



...use the “...select a device” drop-down menu and set as Joystick 1. If your joystick moves the “Stick 1” dot, click on OK, then minimise the JoyToKey Window.

More HELP

1. Joysticks on a XAC connect via the side USB ports or rear X1/X2 sockets.

2. Download “JoyToKey_Mouse.zip” from OneSwitch.org.uk > Library > JoyToKey. This is a compressed file. Right-click on the .ZIP file and “Extract All” to your computer desktop.

3. IMPORTANT: To start, right-click on “JoyToKey (run as administrator).exe” and select “run as administrator”. See 8. for auto-start help.

4. What is a Game Control Mixer?

A special adapter via OneSwitch.org.uk/Celtic Magic that enables a single joystick and one SHIFT switch to reach almost all controls. Not essential for XAC use. Best used with the GCM100 and LED compass from OneSwitch/Celtic Magic.

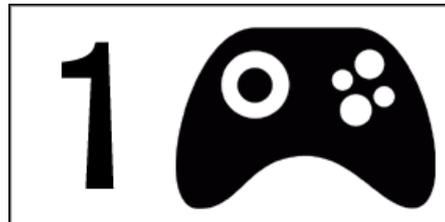
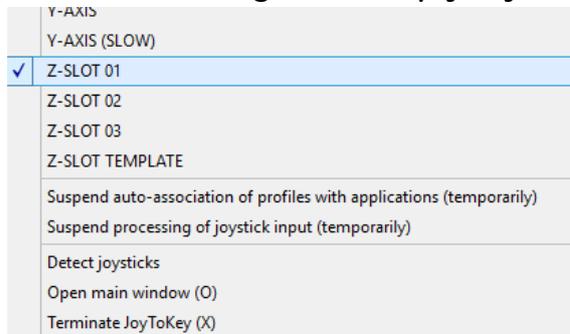
5. Full-screen problems?

Sometimes the on-screen mode indicator can cause problems in full-screen mode. To disable this, go to the system tray > right-click on the joystick icon > “Open main window” > Settings > Preferences and untick the “Notify via image display”.

6. Controls “bouncing” or behaving oddly?

JoyToKey detects PC joystick input and converts it to keyboard and mouse input. Some games detect both the joystick and mouse/keyboard input at the same time, giving an annoying doubled-up effect. Try...

a. Use “RS” to change to an empty Joystick slot (also accessible via the system tray).



b. See if the game has the facility to disable joypad input.

c. Ask the developer to update the game so that joystick input can be ignored by the game, but still work with JoyToKey (can test with a standard Xbox One controller). That would help with remapping too.

7. Steam problems with on-screen keyboard appearing?

Try going to Steam > Settings > Controller > Desktop Configuration [select Disabled].

8. Contact [Barrie Ellis](mailto:barrie.ellis@oneswitch.org.uk) via barrie.ellis@oneswitch.org.uk or see <https://joytokey.net/> for more help.

JoyToKey written by Ryo Okhubo. If you are not using this for accessibility purposes, please purchase a license key via JoyToKey.net. Please also considering supporting SpecialEffect.org.uk who in turn support all kinds of accessibility work.

