① CATCH 22 (PC Xbox) interface

The **CATCH 22** PC and Xbox compatible interface has 22 inputs: 18x accessibility switch sockets and 4x USB sockets for joysticks/gamepads.

L = LEFT-stick

R = RIGHT-stick

D-pad = D-pad (r-stick = ABXY if available)

help = gamepad (PS4/PS5 type)

3.5mm switch sockets. These are mapped and labelled as Xbox controls, but these can be changed if needed, including to latch on and off.

Supplied: 1x black CATCH 22 PC interface – (an open-source Jacek Fedoryński HID Remapper v6) + 1x black USB cable, 1x white Brook Wingman FGC2 adapter and 1x red USB-C adapter.

Optional Extras: joysticks, gamepads, switches, Game Control Mixer Deluxe system upgrade,

Input devices that are compatible include: All standard 3.5mm accessibility switches. OneSwitch.org.uk XAC compatible USB joysticks including the Ultrastik, Zik-Zak, CMOS and Feather range. Official Sony PS4 Dualshock, PS5 Dualsense and Sony Access Controller. Also the HORI PS4 mini gamepad.
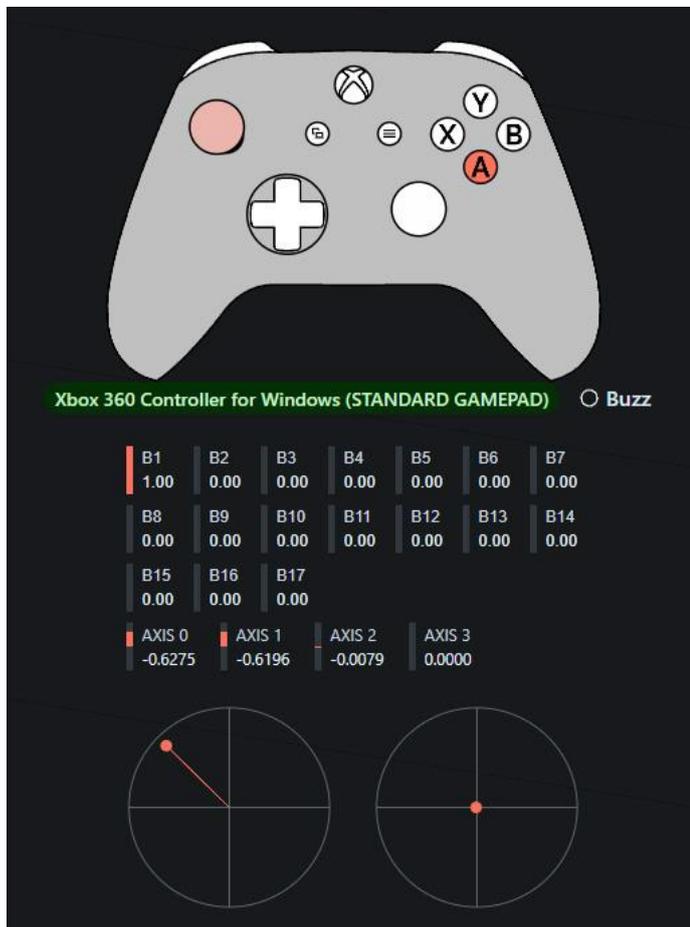
Getting started

1. Connect as pictured left: Round CATCH 22 interface > black USB cable > white MAYFLASH adapter > [optional USB-C adapter – colour may vary]

2. You can swap joysticks and accessibility switches as you need.

3. Remap controls within the game, or using the guide on the following pages.

Trouble Shooting:

Ensure all cables are snugly connected and your PC is powered on. If a single USB port stops working, try unplugging and re-plugging. Give it a few seconds before moving the stick. Try testing in joypad.ai. Check your controls are working correctly elsewhere if you can.

Joypad.ai on-line controller tester above (or use joy.cpl in Windows or Steam's Big Picture system)

More information and up to date instructions can be found at:
https://oneswitch.org.uk/art.php?id=388 - Get in touch for more help if stuck.

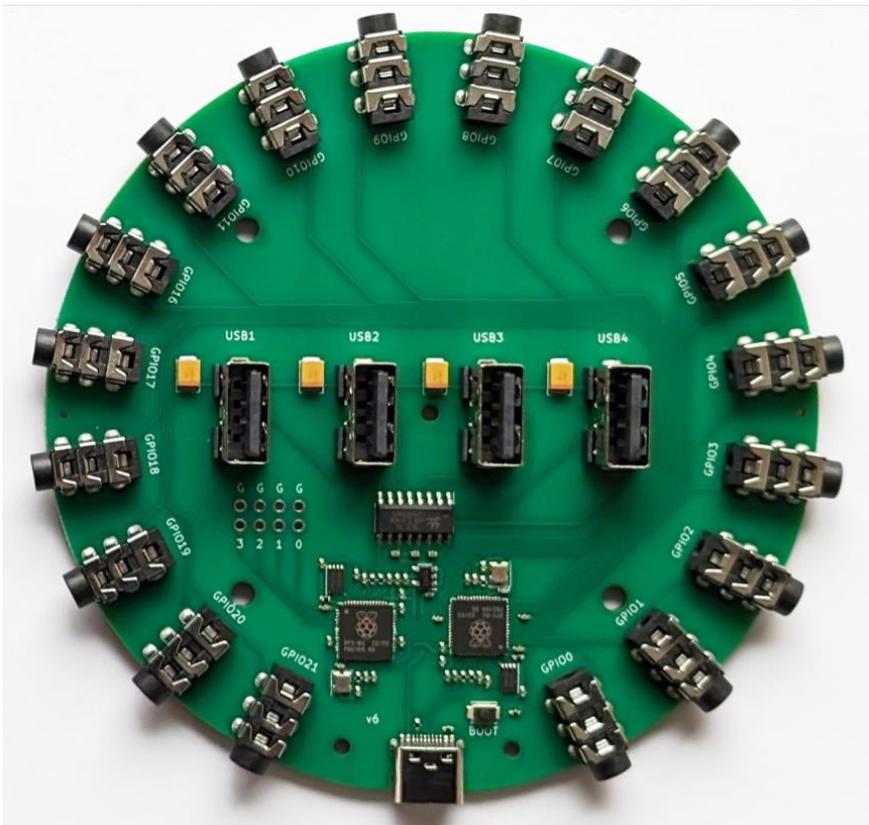 OneSwitch.org.uk - oneswitch@gmail.com - February 2026

 UK ONLY - BOX Recycle - Paper Packaging Recycle

Last point of manufacture: OneSwitch.org.uk, 5 The Oaks, Billericay, Essex, CM11 2RP, UK.
PCB lead-free manufacture: JLCPCB.com, China.

N.B. Use under the supervision of a responsible person. Store safely when not in use. Cables pose a potential choking / tripping hazard. Use with care. Designed for gaming and leisure use only. Do not use for mobility nor environmental control.

Subject to the care and use instructions being followed, OneSwitch.org.uk guarantees to replace, substitute or refund any product that fails due to faulty workmanship or materials. This guarantee does not cover any damage caused by accident or misuse and is in addition to your statutory rights. Should any defects due to faulty workmanship or materials appear within 12 months from the date of purchase, return the goods (at your expense) with proof of purchase to the retailer. We recommend contacting info@oneswitch.org.uk first to see if the issue can be remedied remotely. For any queries outside of the initial 12 months of purchase, visit OneSwitch.org.uk.

HID Remapper Configuration

	Input	Output	Layer	Sticky	Tap
×	GPIO 0	0	0 1 2 3	S	T
×	GPIO 1	1	0 1 2 3	S	T
×	GPIO 2	2	0 1 2 3	S	T
×	GPIO 3	3	0 1 2 3	S	T
×	GPIO 4	4	0 1 2 3	S	T
×	GPIO 5	5	0 1 2 3	S	T
×	GPIO 6	6	0 1 2 3	S	T
×	GPIO 7	7	0 1 2 3	S	T
×	GPIO 8	8	0 1 2 3	S	T
×	GPIO 9	9			

HID Remapper reprogramming:

Connect HID Remapper USB-C port to PC. Go to https://www.remapper.org/config/ > Open Device (select HID Remapper) > Connect > Load from device > Mappings.
Load and Save a profile via Actions > Import JSON or Export JSON
Use Monitor tab to view inputs.
Make careful changes, e.g. click "STICKY" box to make a button hold on/off when you tap it (then "Save to device").
More help via the HID Remapper Forums and GitHub and OneSwitch.

USB SOCKETS:
USB1 = LEFT analogue stick
USB2 = RIGHT analogue stick
USB3 = D-PAD
USB4 = Helper Gamepad
USB-C = PC

SWITCH SOCKETS (see guide above anti-clockwise from 5 o'clock):
GPIO 00 = A
GPIO 01 = B
GPIO 02 = X
GPIO 03 = Y
GPIO 04 = LB
GPIO 05 = LEFT-TRIGGER
GPIO 06 = L-STICK-BUTTON
GPIO 07 = RB
GPIO 08 = RIGHT-TRIGGER
GPIO 09 = R-STICK-BUTTON
GPIO 10 = HOME/XBOX
GPIO 11 = MENU/START
GPIO 16 = VIEW/SELECT
GPIO 17 = WALK (LEFT-STICK UP)
GPIO 18 = D-PAD UP
GPIO 19 = D-PAD DOWN
GPIO 20 = D-PAD LEFT
GPIO 21 = D-PAD RIGHT