

FPV Drone Obby: Quick Start

Fly a real FPV quad in Roblox with your own radio. Windows, beta.

Game: [roblox.com/games/118449712855714](https://www.roblox.com/games/118449712855714)

You need: a Windows 10 or 11 PC, an **EdgeTX** radio (RadioMaster, Jumper, BetaFPV, TBS and others running EdgeTX), a USB data cable (not a charge-only one), and a free Roblox account. Use your normal quad model: sticks on channels 1 to 4 and an arm switch on channel 5 to 8. No drivers, no admin password, nothing is changed on your radio.

First: install Roblox

Never played? Go to [roblox.com/download](https://www.roblox.com/download), install it and make a free account. Already play Roblox? Skip this.

Two ways to set up: pick one

Roblox can't see your radio until you do one of these. Option 1 is a one-time setting and then you join from the website like any game. Option 2 changes nothing on your PC, but you start the game from the launcher every time.

Option 1: Quick setup (once)

1. Tell Roblox to read your radio as a game controller. Press the Windows key, type `powershell`, press Enter. Paste these 4 lines, press Enter, and look for `SUCCESS`. If Windows asks about pasting several lines, choose *Paste anyway*.

```
$m = "0300000009120000544f000000000000,EdgeTX Radio,a:b0,b:b1,x:b2,y:b3,"  
$m += "leftshoulder:b4,rightshoulder:b5,back:b6,start:b7,leftx:a0,lefty:a2~,"  
$m += "rightx:a3,righty:a1,lefttrigger:a4,righttrigger:a5,platform:Windows,"  
setx SDL_GAMECONTROLLERCONFIG $m
```

Copying from this PDF should work line by line. If it pastes badly, copy it from droneteleofpv.com/obby instead.

2. Restart the PC (Start, Power, Restart). Closing Roblox or your browser is not enough, because programs left running in the background keep the old settings.

Option 2: Launcher setup (nothing changes on your PC)

- 1. Download the launcher**, `fly-fpv-drone-obby.bat`, from droneteleofpv.com/obby. Keep it somewhere easy, like the desktop.
- The first time you open it, Windows may say "*Windows protected your PC*". Click **More info**, then **Run anyway**. It's a short text file: right-click it and pick *Edit* to read every line first.

Every time you fly

- 1. Plug the radio in first**, then pick **USB Joystick (HID)** on the radio's screen (leave the radio's USB joystick settings on the default, Classic). Do this before opening Roblox. If Roblox is already open, close it and open it again.
- 2. Open the game.** Option 1: from the link above, press **Play**. Option 2: double-click the launcher instead; it checks the radio is there, closes any Roblox already running and opens the game.
- 3. Click the game window**, then move each stick and your arm switch once. The game sees nothing until you do.
- 4. First visit:** a radio setup screen should open by itself. Follow it: it finds which stick is which, reversed channels and your arm switch, so Mode 1 and TAER radios work too. If it doesn't open, press **K**.
- 5. Throttle down, flip the arm switch, fly.** After a crash, flip the arm switch off and on.

How you know it worked

Once you've moved the sticks, the message at the bottom middle changes from "*Click the game, then wiggle each stick and the arm switch*" to "*Flip the arm switch to fly!*". When you arm, the top left shows **ARMED** in green. If the "wiggle each stick" message stays, check "If something's wrong" below.

In-game keys

K	Radio setup (sticks, reversed channels, arm switch)	H	Assign radio switches to game actions
L	Pick a level	T	Tune rates and feel
Q	Difficulty, from Super Chill to Pro	Z	Change the drone's sound
C	Back to the last pad	G	Watch a demo flight
E	Paste your Betaflight <code>diff all</code> and fly your own tune	P	Replay your last 30 s, 8 cameras; Enter saves a video

If something's wrong

What you see	What to do
The message keeps saying "wiggle each stick"	Close Roblox. Check the radio is plugged in and showing USB Joystick mode. Open Roblox again, click the game, move the sticks. Still nothing? Make sure you restarted the PC after the setup command. To check Windows sees the radio: press Windows+R, type <code>joy.cpl</code> , Enter; the radio should be listed, and Properties should show the sticks moving.
Radio plugged in after Roblox opened, or unplugged while playing	Roblox only finds the radio when it starts. Close Roblox and open it again with the radio already plugged in.
Sticks do the wrong thing, or a stick is backwards	Press K and run radio setup.
Won't arm	Throttle all the way down, then flip the arm switch. Press K if the game picked the wrong switch.
No <code>SUCCESS</code> after the setup command	Paste again into PowerShell (not the Run box or Command Prompt), all 4 lines, then press Enter.
Your radio runs OpenTX or a very old EdgeTX	Not supported yet: those report themselves differently over USB. Updating to current EdgeTX should fix it.
Other Roblox games act strangely (character walks or menus jump)	Option 1 makes your radio a gamepad in every Roblox game. Unplug the radio when playing other games.
The launcher says "No EdgeTX radio found"	Plug the radio in with a data cable, pick USB Joystick (HID) on the radio, then double-click the launcher again.

What Option 1's setup command changes, and how to undo it. It adds one setting to your Windows account (replacing it, if you already had one for another sim: check with `echo $env:SDL_GAMECONTROLLERCONFIG` first and note it down). It tells programs that use the SDL controller library to treat an EdgeTX radio as a gamepad. Roblox uses it, and Steam and some sims may too. Liftoff, Velocidrone and Steam haven't been tested with it yet. If one of them acts oddly with your radio, undo the setting in PowerShell, then restart the PC:

```
reg delete HKCU\Environment /v SDL_GAMECONTROLLERCONFIG /f
```

A Roblox update could stop this from working one day. If that happens, tell us.

Good to know

- **Tested so far:** Windows 11 with a RadioMaster Pocket. Other EdgeTX radios and Windows 10 should work the same way. If yours doesn't, please tell us which radio.
- **Mac:** not ready for players yet.
- **No radio?** Gamepad mode (press **M**) flies an Xbox or PlayStation controller. It's early.
- **Feedback, bugs, ideas, "it didn't work":** reply to the Discord post. Tell us your radio, Windows version and what the screen said.