Remote Raspberry pi pico uploader

This browser tool lets you update the firmware of RP2040 boards (Raspberry Pi Pico, Talko Terminal, Emy Terminal, etc.) directly from your browser – even when you can no longer reach the BOOT/RESET buttons.

If the board already runs firmware that supports the 1200 bps “touch” method (Like in Talko), the uploader can:

• open a serial connection to the board
• remotely reboot it into BOOTSEL (UF2) mode
• write a new .uf2 file to the bootloader drive

Requirements

• Chrome or Edge on desktop (Safari not supported)
• A USB connection to your RP2040 device

How it works

1. Open the uploader page in Chrome/Edge.
2. Click *Pick Device* and select your RP2040 board.
3. Click *Reboot to Bootloader* – the board switches to BOOTSEL mode without touching any button.
4. Pick your .uf2 file and write it to the RPI-RP2 drive.
5. The board restarts with the new firmware.

This is a convenience tool for normal use and remote updates, not a batch production flasher.



Find the code on my GitHub