

Echo Polaxis Serial Console

Echo is a single-file, retro-styled serial terminal that runs directly in Chromium-based browsers (Chrome, Chromium Edge, Brave, Opera, etc.). No install, no drivers from Echo – just open the file and connect.

Quick start

1. Open Echo.html with a Chromium-based browser (drag it into a tab or File → Open).
2. Click **Connect** and pick your serial device from the list.
3. Choose **Baud** and **Enter** line ending (CR, LF, CRLF).
4. Type in the terminal to interact with your device.

Highlights

- Retro amber CRT look with scanlines, flicker, and corners
- Adjustable “Glitch” presets (Off / Subtle / Medium / Heavy) with a soft scanning band
- Blinking cursor, smooth autoscroll, Backspace/Arrows/Ctrl-keys
- Line ending selector (CR / LF / CRLF)
- Terminal font selector (System, Courier New, Retro) – terminal only; UI stays system
- Device name shown on connect (via WebUSB when allowed) and baud rate
- All preferences saved locally (browser localStorage)

Compatibility

- Desktop: Chrome/Chromium 89+ and compatible browsers on macOS / Windows / Linux
- Not supported: iOS/iPadOS Safari (no Web Serial), most mobile browsers
- Runs offline; no network required. All data stays on your machine.

Tips

- If Enter appears twice in other terminals, set Echo’s Enter to CRLF (or CR/LF to match your firmware).
- If the device doesn’t appear, close other serial apps (they may hold the port) and try again.

– If the browser says Web Serial isn't supported, use the latest Chrome/Edge/Brave on desktop.

Known behavior

– Local echo is off by default (what you see is what the device sends back).

– Web Serial access is per-tab permission; you may be prompted by the browser when asking for device names.

Credits & inspiration

Echo is inspired by Cathode and Retro Cool Term and ,of course, video monitors of the past.

Support

Include your OS, browser version, and a short description of your device/ baud settings when reporting issues.