710dial Installation

710dial Setup: flash the knob and set up the **PC bridge** (Windows 10/11).
One program for everything: first install, updates, way back to the original firmware.

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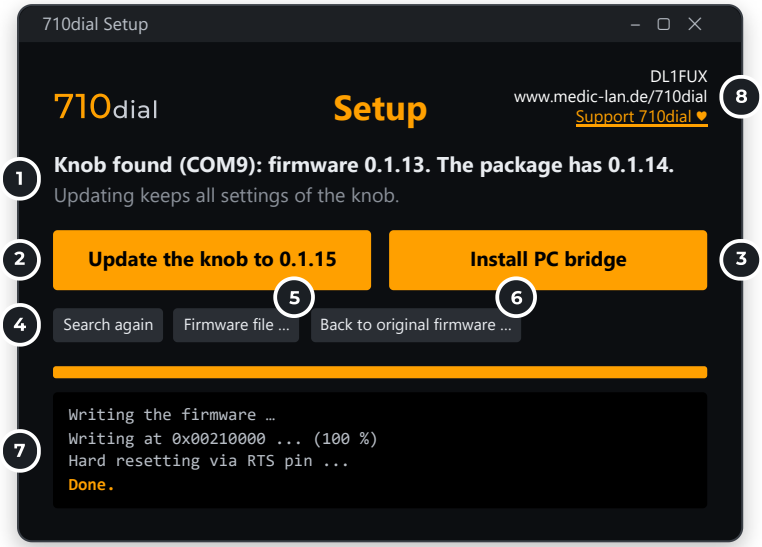
As of 19 Nov 2026



The setup window

1. **What is on the USB:** knob found (port), firmware on it and in the package. Below: what the next step does.
2. **Knob:** flash, update or flash again – the label says what happens.
3. **PC bridge:** install, update or – when up to date – Uninstall PC bridge ...
4. **Search again:** looks for the knob again and asks the website for new firmware.
5. **Firmware file ...** for tests only: choose a particular 710dial firmware (`.zip`).
6. **Back to original firmware ...** appears when there is a backup for this knob.
7. **Log:** every step; at the end it says **Done.** in orange.
8. **Support 710dial ♥** opens the website.

1 Before you start

- Windows PC (10 or 11) with USB, internet on the first start (fetches the latest firmware).
- Download **710dial-Setup.exe** from **www.medic-lan.de/710dial** and run it. No administrator rights needed.
- If Windows warns ("Windows protected your PC"): **More info** → **Run anyway**.
- Plug the knob into the **PC via USB-C** (not into the FT-710). If setup says "wrong side of the plug": turn it over, **Search again**.

2 Flash the knob

1. Setup finds the knob and asks: *Flash it now?* → Yes, flash
2. First the **original firmware is saved** (about 2 minutes), then the 710dial firmware is written.
3. **Do not unplug the knob meanwhile.** It restarts by itself, the log ends with **Done.**

> The backup stays on this PC (`%LOCALAPPDATA%\710dial\backup`). With it the knob can be put back to its delivery state at any time, e.g. to return it.

3 Install the PC bridge

- Install PC bridge → Yes, install. The Start menu gets **710dial Bridge** and **710dial Setup** (no desktop icon). The bridge starts with Windows and runs bottom right next to the clock (maybe under the arrow ^).
- It connects the knob to **710 Console** (CAT Share on) or directly to the FT-710 and finds port and radio itself.
- **Right-click** the symbol: edit macros, macro source, open log, website, **Update ...**, start with Windows, quit.

The symbol next to the clock

- 710 grey: no knob found
- 710 yellow bar: knob there, but no way to the FT-710 (710 Console or radio missing)
- 710 green bar: everything connected
- 710 red background: the knob makes the radio transmit

4 Updates

- Right-click the symbol next to the clock → **Update ...** (or Start menu: **710dial Setup**). It fetches the latest firmware from the website and offers what is newer: Update the knob to ... or Update PC bridge.
- Knob settings, macros and bridge settings are kept.
- A running PC bridge stays on. It is ended for a moment only to flash, and started again afterwards.

5 Going back and removing

- Back to original firmware ... writes the backup back. 710dial firmware and knob settings are gone, the knob runs as delivered.
- Uninstall PC bridge ... first lists everything that will be deleted. The saved original firmware stays unless you tick it explicitly. 710 Console is not touched.
- Or: Windows Settings → Apps → **710dial** → Uninstall.

If something goes wrong

- **No knob found:** try another cable / USB port, turn the plug at the knob over (the bridge says: "Turn the knob's USB-C plug round!"), **Search again**.
- **Knob used by another program:** quit that program, then **Search again**.
- **Flashing stopped:** unplug for a moment, plug in again, flash again. The knob can always be flashed again.
- Knob shows "No bridge": start **710dial Bridge** from the Start menu.