

RigWorkZ

Always-on monitoring for your lighting network

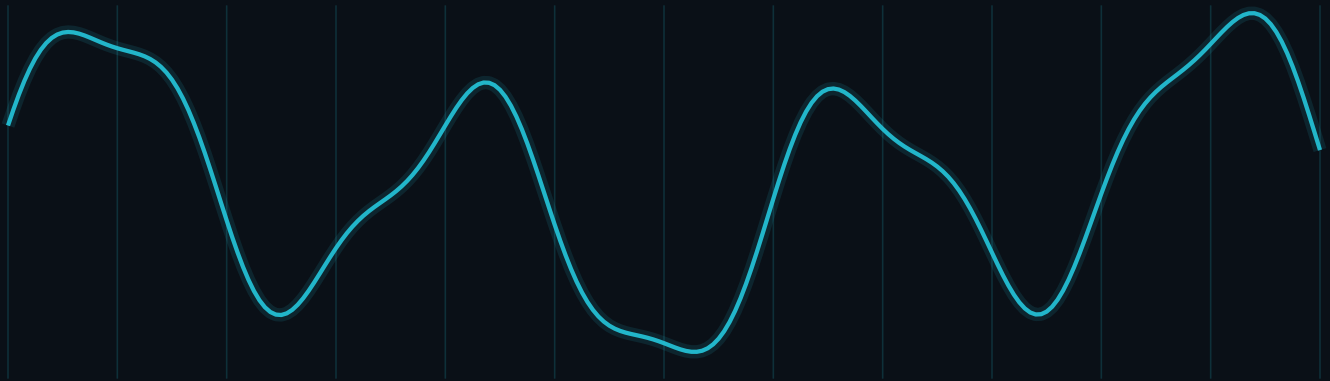
ART-NET · sACN · RDM

DESKTOP APP

Windows

Installation Guide

Run the RigWorkZ monitor on your PC — in a couple of minutes.



What RigWorkZ does

RigWorkZ is an always-on monitor for your lighting network. Running on your PC, it listens to the Art-Net and sACN your consoles and nodes are already sending and shows you — in a window — every active universe, per-channel levels, refresh rates, source conflicts and more. It is **passive monitor-only by default**: it listens, it never transmits into your rig unless you explicitly unlock it.

The app runs entirely on your own computer — its dashboard is served on localhost only, so nothing else on the network can reach it.

Tip. Running RigWorkZ on a rack Pi instead? That has its own guide. Prefer a ready-to-run appliance? Construct Ent offers pre-configured units — see <https://construct-ent.com>.

BEFORE YOU START

What you'll need

A Windows PC	64-bit Windows 10 or 11.
Lighting network	An Ethernet link to the same switch as your consoles and nodes.
A few minutes	Just run the installer - no admin rights needed.

Note. RigWorkZ isn't code-signed yet, so Windows SmartScreen shows a one-time warning the first time you run it. Step 2 walks you through it — it's expected.

1 Download & install RigWorkZ

From <https://construct-ent.com> on your PC, download the Windows app:

```
RigWorkZ-windows-x64-setup.exe
```

Double-click the download and follow the installer - it installs RigWorkZ for your user (no admin password needed) and adds a Start-menu shortcut.

Heads up. The SmartScreen warning is expected for an unsigned installer - Step 2 clears it. RigWorkZ installs only for your user, never system-wide.

2 Run it — past the SmartScreen warning

1. Double-click the downloaded RigWorkZ-windows-x64-setup.exe and follow it.
2. Windows SmartScreen may say “**Windows protected your PC.**” Click **More info**, then **Run anyway**.
3. If Windows Firewall asks, you can **Allow** — but RigWorkZ only listens on your own machine, so it works even if you cancel that prompt.

The RigWorkZ window opens. After this first run it starts normally.

3 Put your computer on the lighting network

RigWorkZ can only show the DMX it can see, so your computer has to be on the same network as your lighting — patched into the lighting switch alongside your consoles and nodes. Wired is best.

- **Same segment.** The computer must sit on the same subnet / VLAN as your Art-Net (broadcast) and sACN (multicast).
- **Quit your VPN while monitoring.** A VPN running on your computer can swallow multicast before it reaches the app, so sACN goes missing.

Patch RigWorkZ in and your universes appear in the window as they start streaming.

4 Activate Pro (optional)

RigWorkZ is free to use as the live monitor — universes, levels, the 512-channel map, the per-channel oscilloscope and source-conflict detection. **Pro** adds who's-on-my-network discovery, RDM fixture health, network diagnostics, switch topology and a one-glance show-readiness check.

To unlock Pro, open RigWorkZ and go to the **Ready** tab. Its **Licence** panel shows an activation link for this computer — open that link in a browser on the same machine and enter your licence key.

Note. The app runs on a private local address, so it shows you the exact link to open — there's no fixed web address to memorise. The licence binds to this computer's own hardware id, so you only activate once. With internet it activates instantly; offline, you can paste a token or import it from a USB stick.

ONCE IT'S INSTALLED

Everyday use

- **Open it** whenever you want to watch the rig; the RigWorkZ window shows the live monitor. Close it when you're done.
- **Update it** by downloading the newer version and replacing the old one — your activation stays put.

Troubleshooting

“Windows protected your PC” (blue SmartScreen box)

Expected for an app that isn't signed yet. Click **More info** › **Run anyway** (Step 2).

The app flashes and closes, or a DLL is “missing”

Re-download the installer if the download did not finish. If SmartScreen blocked it, click More info then Run anyway - the app only listens on your own machine.

No universes are showing

Check your PC is on the same switch / VLAN as your consoles and nodes (Step 3), and quit any VPN — it can capture the multicast sACN uses before it reaches the app.

Note. Questions? <https://construct-ent.com>. RigWorkZ is passive monitor-only by default and never transmits into your rig unless you explicitly unlock it.