EXPERT

Your expert in DMX and DALI control

SOFTWARE

The software is the expert so you don't have to be.

Let Expert software guide you through setting up and creating your lighting design, with helpers and walkthroughs. The desktop app, available for Windows and macOS, is an all-new programming platform, designed from scratch to give you just the tools you need.

SPACES

Manage your fixtures intuitively – from one canvas to nested rooms and zoned areas, your fixtures are naturally grouped where they are located.

SCENES

Fulfil your lighting design – from just colour and intensity, through to creative effects and sequences that can be subtle, ambient, or dramatic.

STATES

An innovative new approach to managing how lighting events are activated, with choices determined by logical combinations of tagged Scenes and behaviours.

SCHEDULE

Familiar calendar views make scheduling your lighting a breeze, with full recurrence options for holidays and special events.

STATIONS

Automatically generated user interface pages and controls, with themes that match your project and style and skins that can be changed on demand. Download the free Expert Touch mobile app to use on any smart device, or use with the 5" and 8" Expert Touch wall stations for permanent installation.

SIMULATE

See your scene programming right there on your canvas, simulate in real time, and virtually activate changes on stations and from the schedule to check interactions before you upload.

SYSTEM

Interactions give Expert Control I/O functionality to respond to events from other systems and hardware, and to activate relays and send commands. Support for Simple UDP and full HTTP APIs. Pharos Cloud provides safe, secure remote access from anywhere in the world.

APPLICATIONS

HERITAGE ARCHITECTURE

St Luke's Church
Liverpool, UK

HOSPITALITY

Indigo Room O2
Dublin, ROI

URBAN SPACES

Toffee Factory
Newcastle, UK

HARDWARE

Expert makes light of it with a range of reliable set-and-forget hardware.

EXPERT CONTROL

With the reliability you expect from Pharos and our expertise in dynamic lighting in architecture and entertainment: an easy to install, easy to use control solution.

One controller: All you need. One box. Compact DIN rail enclosure with solid-state hardware for 24/7 operation and reliability

Straightforward installation: Just PoE or 9-48V DC to power it, then install-friendly rising-clamp connectors and you're ready to go

Instant line testing: Out-of-the-box test modes on rotary dial for output ports; push button allows raising/dimming levels for fixture testing

Network connectivity: Whatever suits your installation – from a single Ethernet cable direct to a laptop, or to the Internet and Pharos Cloud

Output to suit you: Available in 1, 2, 4 and 6 DMX universe capacities with 2 local DMX ports, plus support for 64 DALI ballasts

Easy I/O integration: The two inputs/outputs provide contact closure and low-volt relays to interface with other controls and sensors

Intuitive programming: Layout your project and programme your lighting using the free Expert software from Pharos

EXPERT TOUCH

Elegant 5" and 8" wall stations providing a beautiful interface if your project requires frequent user interaction.

- **Sleek design:** A seamless, uninterrupted glass front plate
- **Simple programming:** Automatically generated pages to access lighting controls
- **Straightforward installation:** Just one cable, for data and Power-over-Ethernet
- **Secure mounting:** An ingenious and secure wall mounting plate is included

RIO G4

A convenient Ethernet gateway for distribution of multiple DMX universes.

- Provides four self-healing physical DMX ports
- Up to four RIO G4s can be configured to an Expert Control
- Device power and data all via one PoE connection

EXPERT REPEAT

A convenient DMX splitter for local data distribution to fixtures.

- One-in-four-out: Incoming opto-isolated DMX signal is regenerated four times
- Failsafe security: Self-healing DMX ports
- Practical power: Requires the same 9-48V DC power as Expert Control

EXPERT SWITCH

A convenient unmanaged Ethernet switch with PoE.

- One-in-four-out: Four PoE-enabled output ports
- Easy commissioning: Simple power and data solution for Expert Control, Expert Touch and Pharos RIOs
- Practical power: Requires a 24V DC power supply

EXPERT

Benefit from Pharos expertise in dynamic architectural lighting with **Pharos Expert**, the cost-effective control solution centred around a single, reliable, set-and-forget controller that's easy to specify and install, where the software is the expert so you don't have to be. Expert makes light of it.

DESIGNER

Pharos Designer is a feature-rich range of scalable and highly versatile lighting controllers with powerful programming tools and comprehensive show control capabilities that provide the ultimate flexibility in dynamic lighting control.

CLOUD

Save valuable time and the financial and environmental costs of site visits with **Pharos Cloud**, a simple and secure remote lighting control and management solution for your lighting installations. Access from any Internet-connected device, anytime, anywhere in the world.

CONTACT SALES

Please contact our sales team on the email address below or call our regional sales offices to discuss your projects further.

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Pharos Architectural Controls is an award-winning and independently owned British manufacturer of dynamic lighting control solutions for architecture, themed entertainment, and other specialist industries. Our hardware and software solutions are designed and built in-house, backed by a 5-year warranty, and supported by an experienced technical team. With 20 years of experience, Pharos products are trusted to run day and night, illuminating iconic installations around the world - from international landmarks and historic architecture to theme parks, airports, stadiums, bridges, shopping malls, art installations, and more.

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