

COBALT



Lighting Control Systems





Cobalt Family

Cobalt lets lighting designers communicate their creative visions to programmers through words, motions and concepts, rather than through desk syntax. Programmers then make those visions happen — directly and quickly, using Cobalt's direct access tools and short commands.

- Moving light/LED/media server library containing thousands of devices and modes
- 99 effect playbacks (Chase, Dynamic, Content and Image types)
- 999 groups
- 999 palettes of each type (Focus, Colour, Beam and All)
- 9,999,999 preset numbers
- 999 sequences (cue lists) with Normal and Chase modes
- Graphical user interface with touchscreen/ mouse and keypad navigation
- Channel layouts for topographical live/channel views
- Channel database for labelling of channels and creation of AutoGroups
- Device templates creatable and editable on the desk and offline
- Moving light controls with onscreen colour and gel pickers
- Main playback with Go, Pause, Go Back, GOTO, Jump to B, Seq +/-, Refresh
- 80 master playback fields, pageable in banks of 20 masters
- 999 master pages
- Network protocols for data distribution (ETCNet3/ACN/sACN, ETCNet2/EDMX, Art-Net)
- Onboard DMX/RDM outputs (two universes)
- Onboard MIDI In/Out, contact closure triggers
- Support of Net3 Gateways for DMX/RDM, Show Control (SMPTE, MIDI) and I/O (contact closure, relay, serial)
- Remote control via Net3 RFR, iRFR for iPhone/iPod touch/iPad, aRFR for Android devices, cRFR and Phone Remote
- Show file import from other control systems via ASCII
- Client and synchronised backup

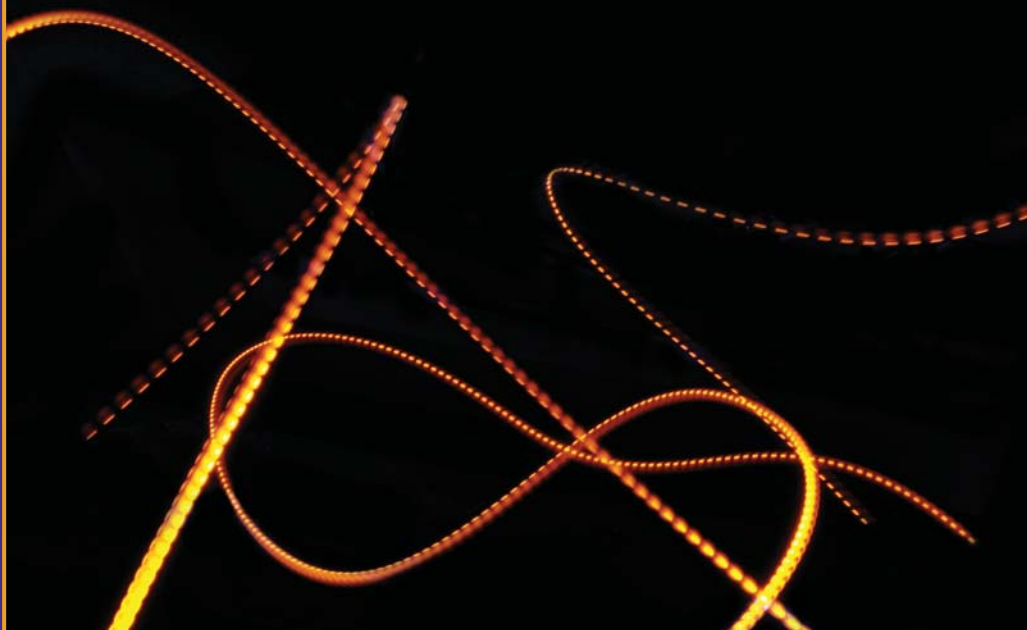
Touch the light

What if you could reach out and touch the light — craft it, move it, colour it — directly and without feeling like there's a machine between you and your design? Could you step away from desk syntax and into the path of the light itself?

The Cobalt system strives to reduce or eliminate complex keystrokes by offering direct-access tools like the Device Mode encoders — up to 20 endless pots that work in concert with four linear encoder wheels to provide the most hands-on control of complex devices possible. Combine this with the touch-based Device Controls dock to gain control over all parameters in a device without paging, in order to experience the fastest programming environment yet.

With innovative tools like direct selects with built-in intensity control and Expanded Masters modes, the Cobalt system offers a new level of hands-on control for live playback, without losing any of the finesse required for intricately cued shows.

Ask yourself: Are you looking for the shortest path from thought to reality? *Choose Cobalt.*



Direct access

The flagship of the Cobalt family, the Cobalt 20 desk, provides the most built-in control surfaces for the greatest hands-on control of complex lighting rigs. Articulating, high resolution, multi-touch displays work in concert with the master playbacks. Twenty motorised faders and 20 backlit, colour coded endless pots with dedicated buttons are supported by full colour touchscreens for unbelievable live playback possibilities.



- 5,000 channels
- 4,096 outputs on the base model, upgradeable to 16,384 outputs
- Two 17.3" multi-touch LCD touchscreens for display, direct selection, and context-sensitive control
- Backlit command keypad
- Four encoders with wheel keys for device and effect playback control
- Six faders and three switches for independents
- 20 motorised master playbacks
- 20 backlit, colour coded endless master playback pots
- Full-colour touch master-playback displays
- Add Master Playback Wings or Universal Fader Wings for physical access to masters 41-80
- Supports up to three DisplayPort monitors that may also be touch/multi-touch
- Convenient AC outputs for monitors
- Dual PoE Ethernet ports for separation of networks
- Client and synchronised backup operation with other Cobalt family controllers

Cobalt 20





Cobalt 10

One size does not fit all

When you're touring, or when the rig is challenging and the front-of-house space is at a premium, the Cobalt 10 lighting control desk fits where Cobalt 20 won't — without losing access to your show data. Cobalt 10's articulating, high resolution, multi-touch screens and master playbacks — 10 motorised faders and 10 backlit, colour coded endless pots with dedicated buttons — make any show possible, even in cramped spaces. Cobalt 10 has the same functions and capacities of the Cobalt 20.



- 5,000 channels
- 2,048 outputs on the base model, upgradeable to 16,384 outputs
- Two 12.1" multi-touch LCD touchscreens for display, direct selection and context sensitive control
- Backlit command keypad
- Four encoders with wheel keys for device and effect playback control
- Six faders and three switches for independents
- 10 motorised master playbacks
- 10 backlit, colour coded endless master playback pots
- Full colour touch master-playback displays
- Add Master Playback Wings or Universal Fader Wings for physical access to masters 41-80
- Supports up to three DisplayPort monitors, which may also be touch/multi-touch
- Dual Ethernet ports for separation of networks
- Client and synchronised backup operation with other Cobalt family controllers

Cobalt as a carry-on: Cobalt Nomad fits under the seat in front of you

In today's touring environments, show lighting control often needs to be as portable as your PC. The solution: Cobalt Nomad. Capable of standalone operation or serving as a backup or client to another Cobalt controller, the Cobalt Nomad is a price conscious solution for all lighting systems.

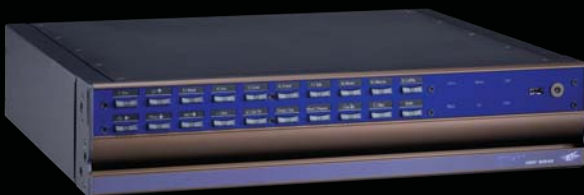


- 5,000 channels
- 1,024 outputs on the base model, upgradeable to 2,048 outputs
- Add Master Playback Wings or Universal Fader Wings for physical access to all 80 Masters; USB-MIDI panels also compatible
- Wings support masters and Channels Only modes
- Client and synchronised backup operation (up to the capacity of Cobalt Nomad) with other Cobalt family controllers
- Compatible with PCs running Windows® 7 and Windows 8 operating systems

Cobalt Nomad

Rack 'em up!

The Cobalt Light Server puts all the functions of the Cobalt lighting control system into a 2U 19" rack mount enclosure. It's suitable as a backup to another Cobalt controller or as a playback controller for permanently installed systems.



Cobalt Light Server

- 5,000 channels
- 4,096 outputs on the base model, upgradeable to 16,384 outputs
- Facepanel buttons for limited playback/editing functions
- Add Master Playback Wings or Universal Fader Wings for physical access to all 80 Masters; USB-MIDI panels also compatible
- Wings support masters and Channels Only modes
- Client and synchronised backup operation with other Cobalt family controllers

Stage manager's area



Net3 Remote Video Interface (RVI)

Lighting control room



Cobalt 20 desk (server)

Onstage Tech Desk



Congo jr desk powered by Cobalt (client)



Net3 Radio Focus Remote (RFR)



Cobalt Light Server (backup)

Lighting Director's office



Congo Kid[®] desk powered by Cobalt (client)

Ethernet network switch

Wireless access point



iRFR for iOS / aRFR for Android

Lighting Designer/tech table



Cobalt Client PC

System integration



Net3 I/O Gateway



Net3 Show Control Gateway

Power control systems



Sensor3 Power Control System



Matrix MKII Dimmer Rack

POWER

DMX/RDM fixtures



Net3 DMX/RDM Gateway

DMX/RDM SIGNAL



Source Four[®] fixtures



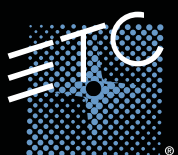
Source Four LED fixtures



Source Four Revolution[®] fixtures



Selador[®] Desire[®] LED fixtures



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