Chilli Pro range

Installation power switching & dimming cabinets

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Lighting Solutions

Chilli Pro Serie...

Today's performance installations demand that lighting control intelligence can operate building wide. Chilli Pro power control cabinets have been designed from the start with this in mind and can deliver outstanding performance dimming, with some versions offering hot power and relay switching.

Chilli Pro is a range of high density wall mounted convection cooled power switching and dimming cabinets. Quick to install and set up, easy to operate and maintain; Chilli Pros are the workhorse of any hard working professional venue.

Chilli Pros are available in 4, 6, 12 and 24 channel packages featuring 10, 16 and 25 Amp load capacities with optional RCD protection, relay channels, bypass switches, RCBOs and HF dimming, contained in a slim line wall mounting enclosure.

The user interface and backlit LCD screen on each dimmer ensure simple convenient set up for DMX patching, preheat, topset and dimmer curves and for peace of mind, the user interface and all breakers are also protected by a lockable breaker cover.

A choice of responses to DMX failure, backup memories, built in chases and an alarm input trigger complete the versatile Chilli dimming package.

Channel options & protection...

Bypass Switches

Individual dimming channels can be switched to deliver mains power for intelligent fixtures, LED's, projectors and other non-dim loads - save wiring, simplify your set up, allowing you to connect your fixtures exactly where you want them. This "hot power" override brings peace of mind with a lockable door and viewing windows.

Relays

Optional relays allow remotely controlled power switching via DMX. Relays can be used to control effects (such as kabuki drops and mirror balls), or to power intelligent fixtures, LED's, projectors and other non-dim loads. Along with out-of-the factory configurations, a 4 channel relay card is available to retrofit into any Chilli Pro 24 or the Chilli Pro 12.

MCBs or RCBOs

Individual channels are protected by "Miniature Circuit Breakers" (MCBs) as standard. 12 channel units can be upgraded to "Residual Current Breakers with Overload protection" (RCBOs). RCBOs are a combination of an RCD and MCB, providing over-current protection and earth fault current protection for each individual circuit, ensuring faults only interrupt individual circuits.

RCDs

"Residual Current Devices" can be optionally added to Chilli Pro 6, 12 and 24 channel cabinets. RCDs monitor the incoming supply, detect earth leakage, and break the incoming circuit if a fault is detected. RCD's are required as standard in some countries. RCBOs can alternatively be considered, as these limit inconvenience tripping to individual channels, rather than the whole unit.

Chilli Pro Features...

- Single Pole Neutral Disconnect breakers per channel
- Automatic frequency tracking
- 100% Duty Cycle, convection cooled
- Simple user interface
- Variable level channel test
- 4 dimmer laws selectable per channel

- Preheat per channel
- Topset per channel
- DMX & ChilliNet control inputs
- DMX addressing per channel
- RDM enabled
- Built in, switchable, DMX line termination
- User defined back up memory

- Easy wall installation
- Common service applications need only a screwdriver
- UK designed and built
- 3 year warranty
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards

Chilli Pro 4

Available as a four channel, 10 Amp dimmer and a four channel relay rack with "High Frequency" dimming (ideal for fluorescence and LED lighting control using 0-10V, 1-10V and DSI ballasts).

- 4 Dimming Channels
- 10 Amps per channel
- MCB per channel
- Lockable breaker cover
- Options include:
  - Dimming
  - Relays
  - High Frequency dimming

Dimensions: 400 (H) x 220 (W) x 155mm (D)

Chilli Pro 4 configurations

Breakers	Standard	HF
10A MCBs	01-120-00	01-121-00

Chilli Pro 6

Provides six channels, rated at 25 Amps each. Chilli Pro comes in the same size metalwork as Chilli 12, due to the higher channel ratings.

- 6 Dimming Channels
- 25 Amps per channel
- MCB per channel
- Optional RCD protection
- Lockable door
- Wiring chamber for easy installation

Dimensions: 1000 (H) x 400 (W) x 155mm (D)

Chilli Pro 6 configurations

Breakers	Standard
25A MCBs	0011-000019-00
25A MCBs+ RCD	0011-000020-00

Chilli Pro 12

Provides 12 channel of relay or dimming, with optional bypass switches for use when direct mains power is needed.

- 12 Dimming Channels
- Options include:
  - 10A or 16A
  - Dimming or relays
  - Bypass switches
  - MCBs or RCBOs
  - RCD protection
- Lockable door
- Wiring chamber for easy installation

Dimensions: 1000 (H) x 400 (W) x 155mm (D)

Chilli Pro 12 configurations

Breakers	Standard	With Bypass	All relays
10A MCBs	0011-000013-00	0001-000018-00	0002-000114-00
10A MCBs+ RCD	0011-000014-00	0001-000019-00	0002-000115-00
10A RCBOs	0011-000015-00	0001-000020-00	0002-000116-00
16A MCBs	0011-000016-00	0001-000021-00	0002-000117-00
16A MCBs + RCD	0011-000017-00	0001-000022-00	0002-000118-00
16A RCBOs	0011-000018-00	0001-000023-00	0002-000119-00

Chilli Pro 24

Provides 24 channel of relay or dimming, with optional bypass switches for use when direct mains power is needed.

- 24 Dimming Channels
- MCB per channel
- Options include:
  - 10A or 16A
  - Split dimming & relays (12/12)
  - Bypass switches
  - RCD protection
- Lockable door
- Wiring chamber for easy installation

Dimensions: 1000 (H) x 632 (W) x 155mm (D)

Chilli Pro 24 configurations

Breakers	Standard	With Bypass	12ch as relays
10A MCBs	0011-000004-00	0001-000016-00	0002-000110-00
10A MCBs+ RCD	0011-000005-00	0001-000017-00	0002-000111-00
16A MCBs	0011-000006-00	0001-000014-00	0002-000112-00
16A MCBs + RCD	0011-000007-00	0001-000015-00	0002-000113-00

ChilliNet Control Panels...

ChilliNet intelligently synchronizes with the architectural lighting control needed for house lights, working light and public lighting used in bars, foyers and many other public spaces.

ChilliNet Networks

The ChilliNet network places the user firmly in control of all the lighting in a performance space and allows them to set control priorities when combining performance and architectural lighting.

A wide range of user interface control panels can be installed on the building network to complete the powerful ChilliNet family. Panel options include button panels, keyswitch panels and even a touch screen control panel to compliment the building décor.
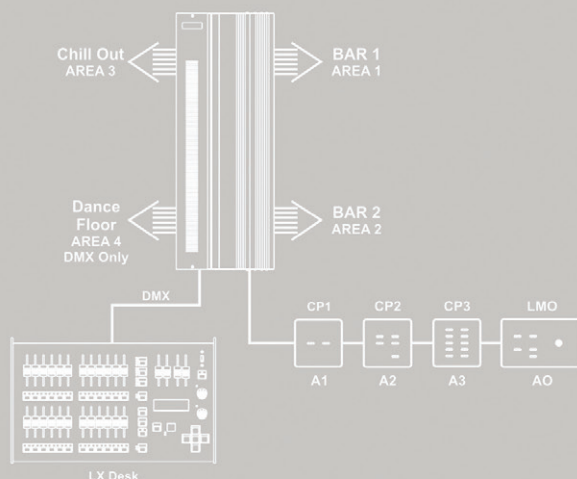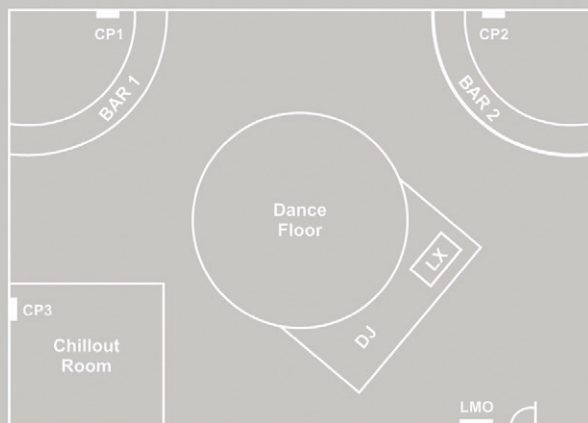
Chilli Control Panels

The slimline Chilli Control Panels can be employed where simple scene setting is required. Available in a variety of configurations, the control panels provide direct access to the internal memories and sequences of any Chilli Pro Cabinet simultaneously. Panels can be assigned to any one of the 10 areas.

Available in brushed satin stainless steel and brass with illuminated buttons, up to 50 Chilli Control Panels (4 per cabinet) can be used on a single network, wired using simple connections over CAT5 cable, providing multi-point control with modern aesthetics.

A Last Man Out panel is also available featuring a keyswitch to allow a supervisor to turn the network on or off from a single location after a 30 second delay.

Chilli network system example...

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