

# Chilli Pro 12 dimmer

12 channel, 10 or 16A, installation dimmer

## Chilli Pro 12 Key Features

- 12 Dimming Channels
- 10 or 16 Amps per channel
- MCB or RCBO per channel
- Optional RCD protection
- Lockable breaker cover
- Wiring chamber for easy installation

## All Chilli Pro dimmers include:

- 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



## Overview

The Chilli Pro 12 is a 12 channel, inductive installation dimmer with 10 or 16 Amp, neutral disconnect MCBs or RCBOs per channel. Chilli Pro 12 supports optional RCD protection on the incoming supply.

## The Chilli Pro Range

Today's performance installations demand that lighting control intelligence can operate building wide. Chilli Pro have been designed from the start with this in mind and can deliver outstanding performance dimming.

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

## Ordering Information

0011-000013-00	Chilli Pro 12 dimmer - 10A MCBs
0011-000014-00	Chilli Pro 12 dimmer - 10A MCBs + RCD
0011-000016-00	Chilli Pro 12 dimmer - 16A MCBs
0011-000018-00	Chilli Pro 12 dimmer - 16A RCBOs

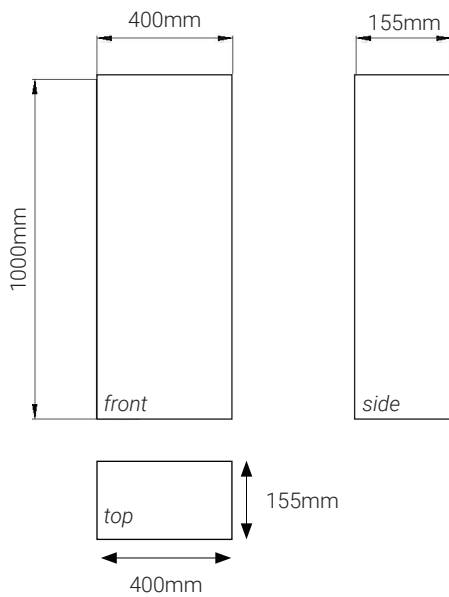
## Supplied Accessories

Installation / Operating Instructions

## Also supports ChilliNet

- 12 memories per area
- 3 sequences
- 10 areas available

## Dimensions:



## Specifications

- Number of channels: 12
- DMX Address: Addressable per channel
- Channel Capacity: 0.1A min / 10 or 16 Amp max
- Total dimmer capacity:
  - 10A version: 120 Amp / 40 Amp per phase
  - 16A version: 192 Amp / 64 Amp per phase
- Dimmer duty cycle: 100%
- Dimmer curves: Normal, Linear, Switched and Square
- Memories: 12
- Sequences: 3
- Areas/zones: 10
- Topset: Selectable per channel
- Supply voltage: 200-255V (3 phase supply)
- Operates on three phase. Can be modified for single phase by using a special order kit. Contact Zero 88 for more information.
- Supply frequency: 45 to 70Hz auto-sensing and auto-tracking
- Rise Time: 80uS (10A) 120uS (16A)
- Control Input:
  - DMX via terminal block accepts DMX 512-1990. Start address set via front panel controls
  - DMX termination may be switched in or out internally
- ChilliNet Support
- RDM Enabled
- Channel outlets: Outlet connections via 6mm<sup>2</sup> terminal strip
- Case has the following knockouts: Top 2 x Ø50.0mm, 1 x Ø32.0mm, Bottom 2 x Ø25.5mm:
- Channel protection: 10 Amp, type C, neutral disconnect thermal magnetic circuit breaker per channel, breaking capacity 6000A
- Cooling: Convection
- Operating Temperature: +5°C to +40°C
- Humidity: 5% to 95% Non condensing

## Contact Us

+44 (0)1923 495495

[enquiries@zero88.com](mailto:enquiries@zero88.com)

[www.zero88.com](http://www.zero88.com)

### Cooper Lighting Solutions

Usk House, Lakeside,  
Llantarnam Park,  
Cwmbran, NP44 3HD. UK

Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions.

Zero 88 is a registered trademark.

All other trademarks are property of their respective owners.

© 2020 Cooper Lighting Solutions  
All Rights Reserved.

Chilli\_Pro\_12\_Dimmer\_Datasheet\_UK\_Rev4\_0920

