

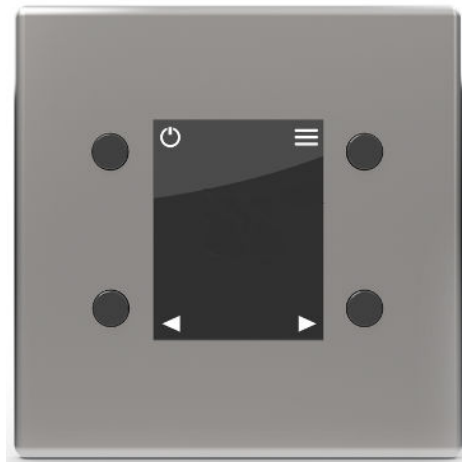
Button-Press DMX Control Panel (1 zone)

SPECIFICATION SHEET

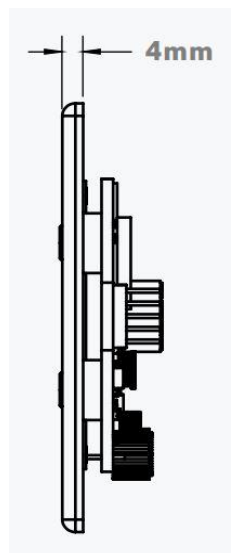
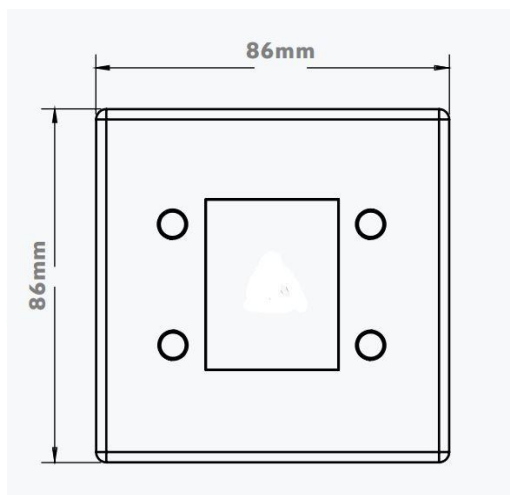
DMX	1 Zone	Sound To Light	Colour Scroll	Create Custom Colours	RGB/W
Commercial Grade	Remembers Last Settings	Fully Dimmable	CE	RoHS COMPLIANT	5 YEAR WARRANTY

■ PRODUCT SPECIFICATION

Connectivity	DMX
Input Voltage	12 / 48V DC
Dimmable	Yes
Independent Zones	1
Dimensions (mm)	86 x 86 x 4mm
Colour	Brushed Steel, White, Black
Operation Frequency	DMX 512
Operating Temperature	0-40°C
Relative Humidity	8% to 80%
Warranty	5 years
Certificated	CE + RoHS



■ Dimensions



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■ PRODUCT DETAILS

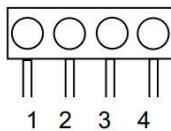
Product name	Button-Press DMX Control Panel (1 zone)
Product code	CT-DMX-BS
Description	DMX RGB/W Wall Control Panel 1 Zone

■ PRODUCT Features

- Commercial Grade RGBW LED Controller
- Remembers the last setting when powered on/off (even by the mains 240v)
- 4-channel DMX control for RGB, RGBW
- Touch screen allowing choosing any shade of any colour
- Create custom colours / whites using individual R/G/B/W 0-100% buttons
- Fully dimmable
- Colour scroll options
- You can have several receivers all controlled from 1 controller
- You can wire multiple strips back to one receiver
- Sound To Light function

■ Wiring Information

Terminal block wiring



- 1=Ground (DMX and power supply). (Brown on RJ45)
- 2=DMX- (Orange on RJ45)
- 3=DMX+(Orange/White on RJ45)
- 4=+9V to 48V supply (Blue on RJ45)

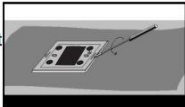
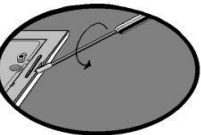

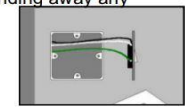

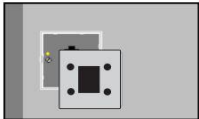
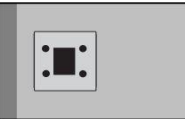
■ PRODUCT DESCRIPTION

Our button-press DMX controllers are a great option for your DMX lighting projects. It enables simple on/off switching, dimming control, and colour selection. A sound trigger mode and a basic colourfade are also included.

The operation of this DMX controller is designed to mimic a normal wall dimmer, allowing easy operation of LED lighting by casual users.

This DMX controller can be used in conjunction with InStyle's RGB/RGBW colour-change. The controller is powered by your LED driver; connection is via a 4-pin Phoenix interface (see the product datasheet for information on wiring to RJ45).

We can also supply a white and black version of this controller.

1. After removing from packaging place the product face down onto a soft cloth or towel. Remove the decorative front plate by inserting the tip of a screwdriver into one of the short slots (see diagram) so the screwdriver is between the inside edge of the decorative plate and the outer edge of the clear plastic. Apply gentle pressure and twist the screwdriver one quarter turn (as shown). Lift out Luc-02 assembly.
 

2. Ensure wall is flat around wall box removing any lumps of plaster and sanding away any uneven plaster.
 
3. Connect wires to appropriate terminals on rear of Luc-02 assembly.
 
4. Use fixing screws provided to fix Luc-02 assembly onto wall box. Tighten screws evenly a little at a time until just tight enough to prevent movement of the back plate. Do not over-tighten screws as this will deform the plastic clip on the Luc-02 assembly, inhibiting the faceplate from being securely fixed.
 
5. Pick up decorative front plate carefully and push into place, pressing gently on each side to ensure the front plate has engaged with the plastic clips on the switch assembly.
 


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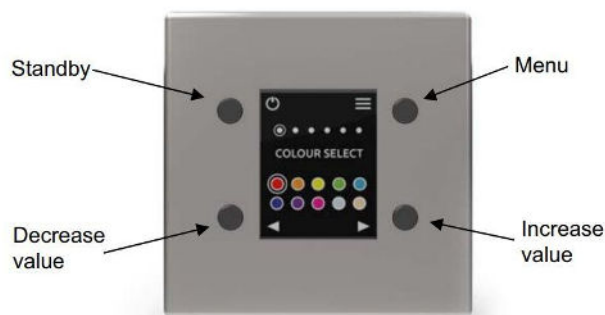
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■ Function Indicator



Press top left button to switch between standby / on
Press top right "menu" button to select control mode. The display shows which of the 7 control screens you are currently using:
Colour Select – pick one of 10 preset colours

Colour Tune – fine tune the colour

Dimmer – set brightness level

Shade – set the shade / saturation of the colour from pastel to full saturation

White – switch output to white and select warm/cool colour

Sound To Light – automatically changes colour with the built-in microphone

Auto Scroll – runs through a rainbow colour sequence at programmable speed

Hold "menu" button for 2 seconds to show the setup screen.

Operation from phone or laptop

Open a web browser and go to the address of the device. If you haven't connected to an external wifi network this will be 192.168.4.1.

If you are on a wifi network then the network will assign an address and you can find this at the bottom of the setup page.

Touching any control on the screen will change the settings on the controller.

When Sound To Light is active, you cannot use any other control. Touching another control will disable Sound To Light mode.

When Auto Scroll is active, you cannot use any other control except Speed. Touching another control will disable Auto Scroll mode.

You can connect multiple remote devices for control (up to 8).



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SPECIFICATION SHEET

■ IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the National Wiring Regulations. If in doubt, consult a qualified electrician.
- Handle with care – LED strips are delicate!
- When installing, be sure to allow for later access to all products (in the event of replacement/refits).
- Attention shall be paid to the positive and negative poles of the wires during installation, and whether the power supply conforms to required voltages. This is essential to avoid damage.
- Be careful not to scratch, distort, or irregularly bend / twist the LED strips during installation. Otherwise you may cause irreparable damage to the product.
- To ensure the product's longevity and reliability, please do not bend an LED strip into an arc with a diameter less than 10mm – doing so will result in a diameter that's too small, and will damage the product.
- If the actual length of the LED strip exceeds the specified maximum length, it will lead to overload, overheating and uneven brightness.
- IP65 LED strips are suitable for internal use only.
- IP67 LED strips can be used externally. (If you have to cut a sealed IP67 strip yourself, then you must ensure the ends are re-glue sealed to IP67 standards before installation.)
- Keep the LED driver away from all direct heat sources – e.g., low-voltage lamps.
- LED drivers must have unobstructed airflow, with a minimum area space of 100mm.

■ INSTALLATION GUIDANCE

- First, ensure that the surface onto which the LED strip will be applied is clean and free from grease.
- Test all products before installing them.
- Note – Always unreel your LED strips before testing (otherwise overheating and damage will occur).
- When cutting the LED strips to size, use the marked cut points.
- Peel off the LED strip's backing tape. Position the strip on the clean surface in the required location, and stick it into place using the self-adhesive backing.
- If the LED strip is being installed with the LEDs facing downwards or facing sideways (vertically), then consider using fixing clips, extra-strength adhesive, or an LED profile. This will provide for a permanent install.
- If the LED strip is being installed externally, the same applies: use fixing clips, extra-strength adhesive, or an LED profile for a permanent install.
- If the total LED strip lengths exceed the stated maximum run, then the LEDs must be wired to the power supply as multiple shorter strips, in parallel.