TOUCH DX8 RGBW WALL MOUNTED CONTROLLER

The Touch DX8 is designed for RGBW LED products and features 4x4A output up to 16A.

Easy selection of colour using the touch sensitive colour circle. You can also control the speed and brightness by using the selection arrow touch buttons.

White can easily be selected by touching the "W" button.

The Touch DX8 is installed with a RF receiver (LLR4) allowing for control of LED up to 30m.
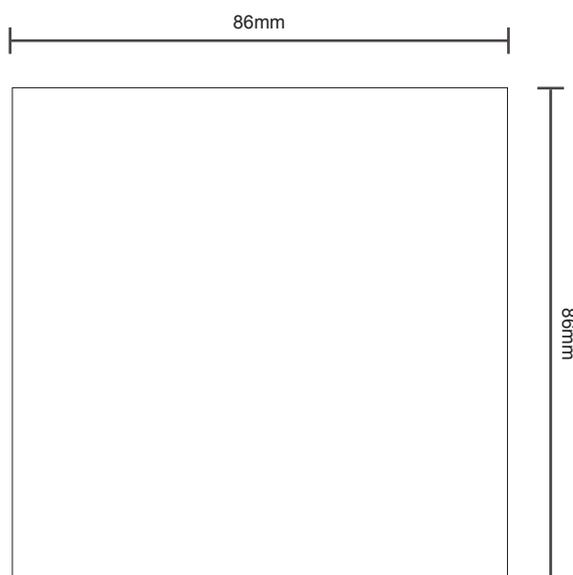
MAIN FEATURES & BENEFITS

• Controls RGB & RGBW LED product colour change and brightness.
• Wireless RF compatible when installed with the LLRF wireless receiver.

TECHNICAL SPECIFICATION

	WHITE	BLACK
PART CODE	LLTOUCHDX8/WHI	LLTOUCHDX8/BLK
DIMENSIONS	86 x 86 x 36mm	
WEIGHT	225g	
INPUT VOLTAGE	100 - 240V AC	
ZONES	4	
RADIO CONTROL	YES (REQUIRES LLR4)	
RF SIGNAL	2.4G + DMX512	
RF DISTANCE	Up to 30 metres*	
STAND ALONE	Yes	
WALL MOUNT	Yes	
WORKING TEMPERATURE	-20ºC to 60ºC	
WARRANTY	2 Years	

* RF Distance will depend on the environment of your installation. Other radio or network signals, structures (including walls) and electrical devices may impact the working distance of the DX8 RF signal.

86mm

86mm

36mm

25mm

55mm

INSTALLATION

WARNING! Read this section before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may damage the unit and other products associated with it and void any warranty. All work involving electrical components should be carried out

by a competent qualified electrical professional in accordance to NICEIC and IET BS 7671 wiring regulations and any local by laws.

Ensure all mains power is turned off before starting any installation or maintenance; and remains off for the duration of installation or maintenance.

Waste electrical products should not be disposed of in domestic waste. Please check with your Local Authority or retailer for recycling advice.
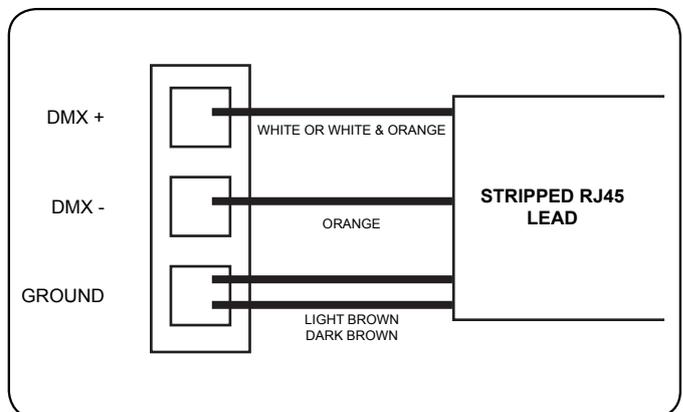
IF IN DOUBT CONTACT US: 0116 246 1188

We are only able to offer advice and installation instruction on our own products, we are unable to offer individual advice on other manufactures products. You are required and responsible for ensuring that the specification of this product is compatible with other products from other manufactures.

Please ensure that all products used in your installation are complete, correct and compatible before starting any installation. Failure to do so may result in damaged products, our warranty does not cover damage caused by or to any other manufactures products.

WIRING CONFIGURATION OF RJ45 LEAD

To allow the LLTOUCHDX8 to operate your LED colour change you will need to connect to a DMX receiver unit via an RJ45 CAT5 patch cable.

1. You will need to strip one end of the RJ45 lead, this end will connect to the terminal block of the Touch DX8 or Touch DX8 controller.
2. Connect the white or White / Orange of the RJ45 lead to the DMX + terminal.
3. Connect the Orange wire of the RJ45 lead to the DMX - terminal
4. Connect the Light brown & Dark brown wires of the RJ45 lead to the Ground terminal
5. Now connect the DMX IN of your DMX receiver with the plug end of the RJ45 lead.

DMX +   WHITE OR WHITE & ORANGE

DMX -   ORANGE

GROUND   LIGHT BROWN DARK BROWN
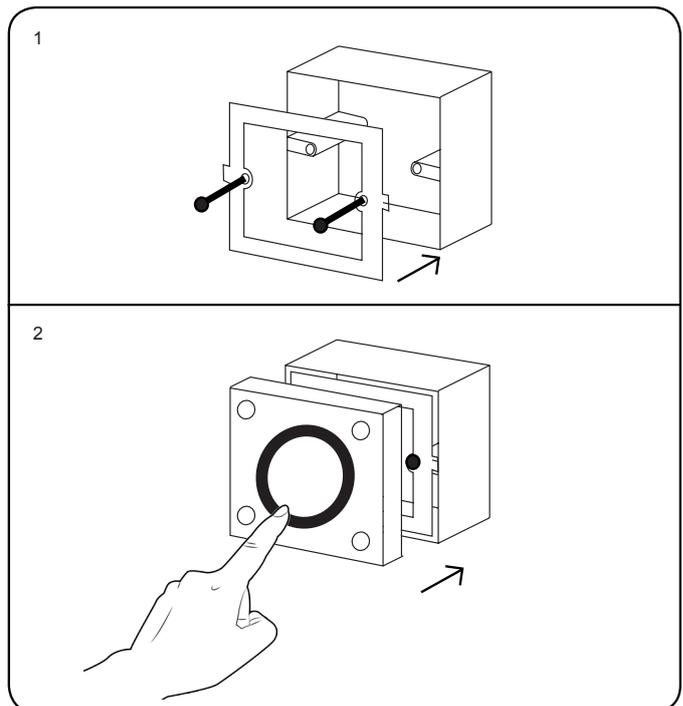
STRIPPED RJ45 LEAD

WALL MOUNTING THE DX8 CONTROLLER

The DX8 controller must be wall mounted, this can be either surface mounted or recessed into the wall. You will require an electrical back-box suited to your application.

Once you have installed your electrical back-box you are ready to mount the DX8 controller.

1. Screw the back plate to the electrical back box.
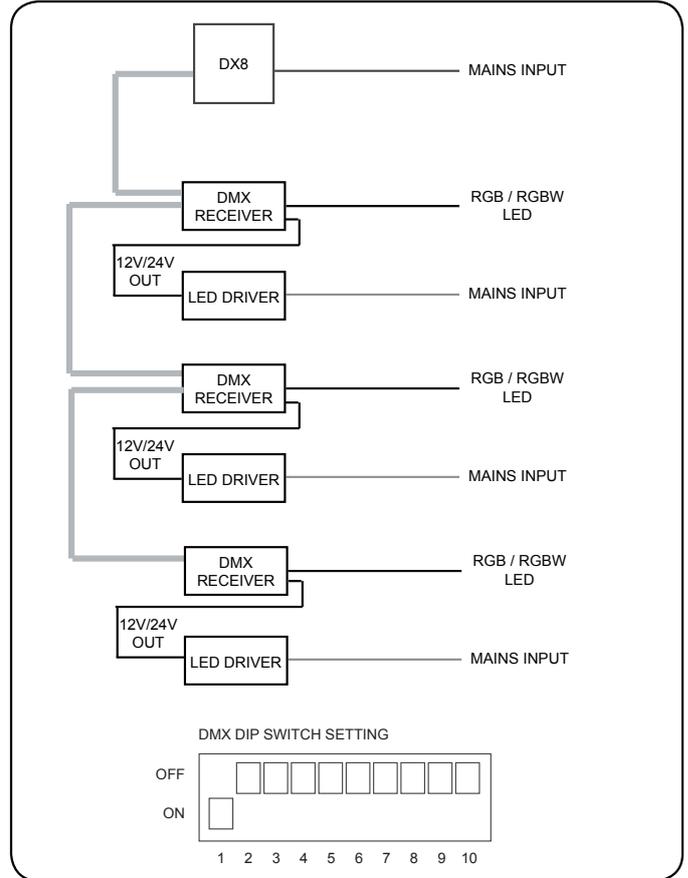2. Click the controller front to the back plate.

TOUCH DX8 INSTALL WITHOUT WIRELESS

The Touch DX8 is to be installed with a DMX receiver and compatible RGB or RGBW LED products. Using RGB only LED products will result in the White channel having no operation.

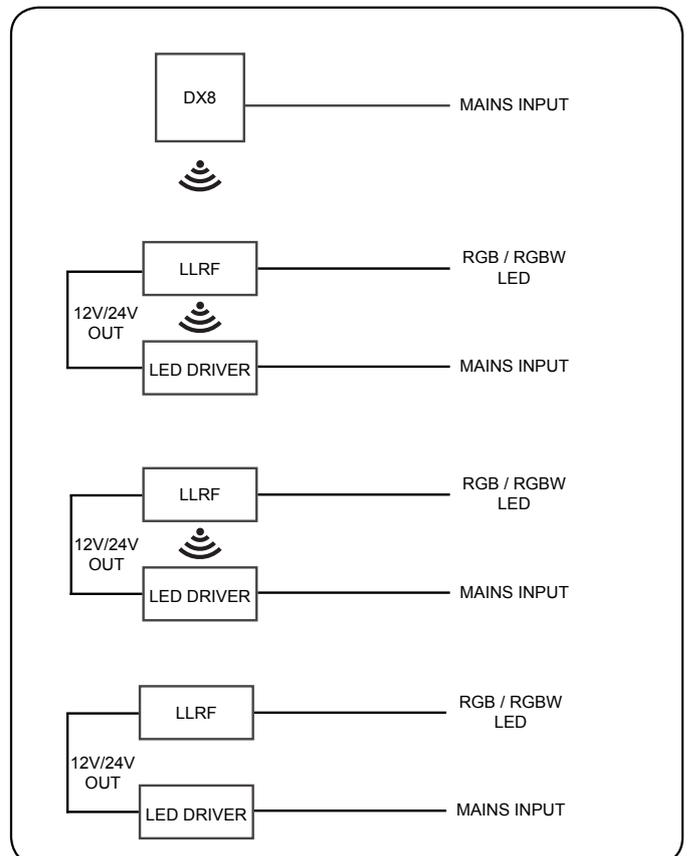Ensure all mains power is off before and during your installation.

1. Connect the RJ45 wired to your DX8 controller to the DMX IN of your first DMX receiver.
2. Connect the LED product to the DMX receiver via the connector block. Ensure the corresponding cable is fitted to the correct terminal of the DMX receiver connector block. (Follow the DMX receiver instructions for this)
3. If running multiple runs connect the DMX OUT of the DMX receiver to the DMX IN of the next DMX receiver. Repeat step 2 and 3 for each additional run.
4. Once all of the DMX receivers and LED are connected connect the LED driver power supplies. Each DMX receiver will require an LED driver. Connect each LED drivers low voltage (12V/24V) output to the input of the corresponding DMX receiver. (Follow the DMX receiver instructions for this)
5. Connect the LED driver to the mains input (follow the LED drivers instructions for this)
6. Connect the DX8 to the mains using the corresponding live and neutral terminals of the connector block.
7. Set your DMX dip switches to the configuration shown in the diagram.

TOUCH DX8 INSTALL WITH WIRELESS

The DX4 can also be installed with the Ledridge Lighting LLRF wireless receiver. You can install up to 10 controllers with each LLRF unit to control your lighting from multiple locations.

Ensure that each RF receiver is paired with the DX4 controller and no more 30 metres

USER GUIDE

POWER

The LED indicator located above the power button will be lit if the unit is in stand by mode.

To turn on the controller touch the power button.
To turn off the controller touch the power button.

The LED indicator located above the power button will be off if the unit is turned on.

ZONE BUTTON

A zone is active when the LED indicator under it is lit.

SELECT MULTIPLE ZONES:
You can select multiple zones at once by touching the zone numbers you wish to select.

SELECT SINGLE ZONE:
To select a single zone when multiple zones are selected touch the zone number you wish to isolate twice.

TURN OFF/ON ZONE:
To turn a zone on touch the zone number you wish to turn on.
To turn a zone off touch and hold the zone number you wish to turn off.

COLOUR WHEEL

Using the colour wheel you can change the colour of RGBW fittings associated to the selected zone. Touch the colour wheel and slide your finger around to the desired colour.

RGBW BUTTONS

Using the R G B and W buttons you can turn off or on individual colours or increase and decrease their brightness on the selected zone.

When you wish to turn a colour on or off touch the corresponding letter on the controller.

When you wish to dim or brighten a colour touch and hold the corresponding letter on the controller.

R = Red
G = Green
B = Blue
W = White

MODE BUTTON

Using the mode button will scroll through the presets of the controller on the selected zones.
Red > Green > Blue > Yellow > Purple > Cyan > White > RGB Jump > 7 Colour Jump > RGB Smooth > 7 Colour Smooth

To exit preset mode touch the colour wheel on the colour you wish to select.

SPEED/BRT BUTTON

Using the speed/brt button will increase and decrease the speed of your RGB Jump, 7 Colour Jump, RGB Smooth and 7 Colour Smooth modes on the zone selected.

If you are not in a preset mode this will increase and decrease the brightness of all RGBW LEDs on the zone selected.

Touch and hold to increase / decrease brightness.

NOTE:
When turning a zone off the controller will save the settings used and resume from the saved setting when the zone is turned back on.

LIMITED PRODUCT WARRANTY

This product is sold with a 2 year standard warranty, effective for 24 months from the date of delivery.

1.1 Subject to the conditions set out below the Seller (Ledridge Lighting) warrants that the Goods will correspond with their written specification (if any) at the time of delivery and will be free from material defects in materials and workmanship for a period of 24 months from the date of delivery or for such longer period as the Seller (in its absolute discretion) may determine. The warranty does not apply to consumable items included with or in the product, which may have a reduced or no warranty period.

1.2 The warranty given in clause 1.1 above is given by the Seller strictly subject to the following conditions:

1.2.1 The Seller shall be under no liability in respect of any defect in the Goods arising from any drawing design specification or other information supplied by the Buyer or their agents.

1.2.2 The Seller shall be under no liability in respect of any defect arising from fair wear and tear, willful damage, negligence, abnormal working conditions or water damage, failure to follow the Seller's instructions (whether oral or written), misuse or alteration or repair of the goods without the Seller's approval.

1.2.3 The Seller shall be under no liability under the warranty given in 1.1 above (or any other warranty condition or guarantee) if the total price for the Goods has not been paid by the due date for payment.

1.2.4 The warranty given in 1.1 above does not extend to any Goods, parts, materials or equipment not manufactured by the Seller in respect of which the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the manufacturer thereof the Seller.

1.3 Any claim by the Buyer which is based on any defect in the quality or condition of the Goods shall be notified to the Seller within 7 days from the date of delivery of the Goods or within a reasonable time after discovery of the defect or failure. If delivery is not refused and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure and the Buyer shall be bound to pay the price of the Goods.

1.4 Any repair, replacement or refund or any monies made by the Seller to the Buyer shall not under any circumstances be deemed to be an admission of any liability on the part of the Seller.

1.5 All liabilities of the Seller to the Buyer determined by the Court of Law as not having been excluded hereunder shall be limited in total to the total price of the Goods as shown on the Seller's invoice.

1.6 To obtain warranty service, the original proof of purchase will be required.