



POWER SUPPLIES AND CONTROL SYSTEMS

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POWER SUPPLIES

To perform reliably and ensure your LED products maximum life, it is essential to use quality power supplies.

12V/24V MEANWELL GS PLUGIN POWER SUPPLY GS



Perfectly suited for small LED strip light and sign illumination projects.

The GS series power supply is available in a range of sizes from 18 watts - 80 watts.

Supplied with power cable and 3.5mm plug for direct connection.

12V/24V MEANWELL GE PLUGIN POWER SUPPLY GE



- Interchangeable AC plugs (plug kit sold separately).
- Universal AC input/ Full range.
- Energy efficiency Level VI.
- Fully enclosed plastic case.
- Protections: Short circuit / Overload / Over Voltage.
- LED indicator for power on.
- 2 years warranty.

MEANWELL LPH POWER SUPPLY LPH-18



The LPH Series from Meanwell is a compact, economical Constant Voltage LED power supply/driver suitable for installation in wet and dry locations. Dimensions are 14cm L / 2.8cm W / 2.2cm D.

- 180 - 264VAC input.
- Fully encapsulated to IP67.
- 12V DC / 24V DC Output.
- 2 year warranty.

12V/24V MEANWELL APV POWER SUPPLY APV



- Universal AC input / Full range.
- Fully isolated plastic case.
- Constant voltage design.
- IP42 design.
- Class 2 power unit.
- 100% full load burn-in test.
- Low cost, high reliability.
- Suitable for LED lighting and moving sign applications.
- 2 years warranty.

12V MEANWELL HLG SERIES LED POWER SUPPLY HLG



Meanwells Flagship line of high quality LED drivers and power supplies.

The Aluminum encased AC/DC LED Drivers are available in a range of sizes from 40watts to 600watts. The HLG Series power supply is IP67 rated for outdoor dry, damp or wet locations.

The HLG Series is also a type HL driver suitable for use in Class 1 hazardous locations.

12V/ 24V MEANWELL LPV SERIES POWER SUPPLY LPV



- Available in 12V and 24V.
- Fully isolated plastic case with IP67 level.
- Constant voltage.
- Withstand 300VAC surge input for 5 seconds.
- Two wire input style, no F.G.
- Cooling by free air convection
- Low cost, high reliability
- Suitable for LED lighting and moving sign applications.
- 2 years warranty.

LTECH 24V DIMMABLE POWER SUPPLY LM-(150/75/36)-24-G1T2



- Constant power design, adjust brightness and color temperature synchronously.
- Dimming range: 0~100%, LED start at 0.1% possible. 0-100% flicker-free, High frequency exemption level.
- Over load / Over temp. / Short circuit / Over voltage protection, recover automatically.
- Up to 50000-hour life time.
- 5 years warranty.

12V/24V MEANWELL XLG SERIES POWER SUPPLY XLG



- Wide input range 100~305VAC.
- Full power output at 70~100%.
- Constant power mode operation.
- Metal case with IP67, suitable for outdoor application.
- Surge protection with 6KV/4KV (10KV/6KV optional).
- Protection functions: OVP/SCP/OC/OTP.
- Life time >50000hrs.
- 5 years warranty.

TRIAC DIMMABLE POWER SUPPLY 12V/24V SC-(100/150/200)-(12/24)



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24V MEANWELL ELG SERIES POWER SUPPLY ELG



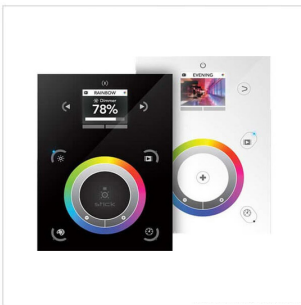
- Constant Voltage + Constant Current mode output.
- Metal housing design with functional ground.
- Built-in active PFC function.
- IP67 / IP65 rating for indoor or outdoor installations.
- Typical lifetime>50000 hours.
- 5 years warranty.

We carry a complete range of LED dimming and lighting control systems to suit any application and budget. From simple wall or remote control dimming and RGB systems, though to advanced, custom programmed DMX show controllers or else choose from one of our WiFi based systems, that will let you take control of your lighting from your smart phone or tablet.

If you are unsure of what controller you need or have a large project that will require advanced control and custom programming, get in touch with us and we will design and recommend a control system to suit your needs and budget.

DMX LIGHTING CONTROLLERS

STICK KE3 DMX



Integrating a colour display and compatibility with all Nicolaudio computer software and mobile apps, the controller has been designed to accept the most challenging projects with ease.

The STICK-KE3 can be adapted to any environment.

With 1024 DMX output channels and the ability to store 500 scenes across 10 zones, the KE3 is one of the best value controllers on the market today.

WIRELESS DMX TRANSCEIVER



DMX control allows for full colour control (up to 16 million colours) via mixing the Red, Green and Blue LED Diodes.

The use of wireless DMX transceivers, avoids the need for expensive wiring or allows for installation and control of fixtures that may not be practical to run new cables to.

The DMX transceiver can be set either in send or receive mode.

LT8 SERIES LT-85(3/4)-5A



The LT858 DMX decoder works with 12 and 24V lighting systems to allow precise control from 0-100% dimming.

Receives standard DMX input signal and converts to 4 channel output.

Perfect for operation of RGB+W LED strips of floodlights

Requires DMX controller.

F5 2.4GHZ WIRELESS RECEIVER F5-DMX



The F5 is compatible with all our 2.4ghz wall mount touch screens, Q Series remotes, and WiFi based control systems.

Multiple F5 units can be coded to the same channel on the remote.

- Support RF 2.4GHz wireless signal and DMX wired connection.
- Can connect dimming, colour temperature, RGB, RGBW and RGBWY lamps.

MS PANEL DMX CONTROL MS-Panel



The MS Panel allows full control over complex lighting systems and becomes a central hub for one touch recall of programmable scenes.

Multiple zones and groups of lighting fixtures can be controlled by APP, remote or touch buttons on the MS Panel.

512 channel DMX output communicates directly with any DMX enable fixture.

DINA-DR MICRO



The DINA-DR MICRO is the perfect standalone lighting controller for simple DMX installations. It offers an affordable and programmable solution to replace automatic controllers.

The DINA-DR MICRO can be mounted in an electrical cabinet and affords significant ease of installation.

- DMX Stand Alone controller
- 60 DMX channels
- USB connectivity for programming

Q1 REMOTE
CNT-Q1



Q2 CCT REMOTE
CNT-Q2



Q4 RGBW REMOTE
CNT-Q4

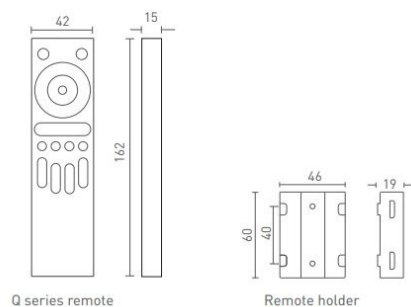


Q5 RGB CTT REMOTE
CNT-Q5

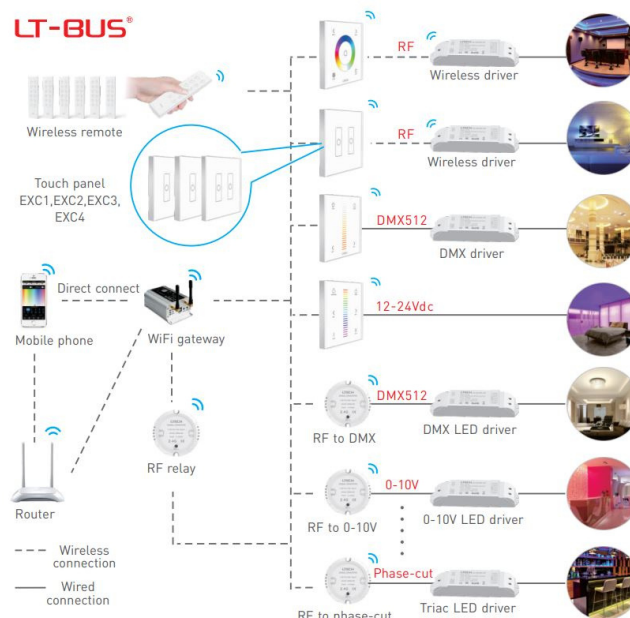


Q series remote control is a 4 zones control in color circle dimming and slider touch dimming. Color and brightness is displayed by color indicators. Connect to any wireless driver within effective distance and keep the effect in sync. Working with F4-5A, F4-DMX-5A, F5-DMX-4A and touch panel, etc.

DIMENSIONS



LT-BUS®



MS PANEL DMX CONTROL

MS-Panel

M series LED controller is compatible with 8 kinds remotes of different function (patent technology) . which means using one receiver could experience single color/CT dimming, RGB/RGBW adjustment to meet customers' different lighting requirements. With the RF remote, speed/brightness adjustment.



LTECH DIMMER M1 M4 5AMP
CNT-M1-M4-5A

CCT REMOTE CONTROL
M2M45A

LTECH M3 RGB CONTROLLER M4 5AMP
M3M4-5A

HANDHELD REMOTE CONTROL RGBW M4
M4-M45A

M8 RGB REMOTE CONTROL
M8-M4-5A

WALL MOUNTED LED CONTROL

STICK KE3 DMX

The E1 Wall Mounted dimmer, features direct connections and 2.4ghz wireless output for easy dimming control of single colour LED lights and strips. 12V / 24V direct power connection on the back of the controller or for wireless use F5-DMX wireless receiver. The E Series of touch lighting controls can operate in a stand alone mode or as part of a larger system



- Touch & 2.4ghz control
- Direct connection
- 12V / 24V
- Use Standalone or integrated system

LTECH D SERIES WALL MOUNT CONTROLLERS

D series touch panel controllers(D1-D8) are wall-mounted LED controllers, widely used for commercial/office/household lighting, workable for dimming, color temperature, RGB and RGBW control.

DX series wall-mounted touch panel controller is widely installed in commercial, office and household settings.



There are four types: single color/CT/RGB/RGBW control with 2.4G wireless zones' control and cable output DMX512 signal.

E2 CCT WALL MOUNT CONTROL

The E2 wall mounted touch controller has both direct connection and 2.4ghz wireless control output.

It has been designed specifically for use with colour temperature control LED strips and lights, and allows adjustment of colour temperature from 2500k - 6000k (warm to cool). LEDs can be directly connected to the back of the E2 controller, or use with F5-DMX receiver where it is not practical to run wires from the wall to the lighting fixture.

Optional remote control.



E3 RGB WALL MOUNT CONTROL

The E3 RGB controller can connect directly to RGB LED Strip lights, or via 2.4ghz output signal where it is impractical to run cables to the light fixture (requires F5-DMX Receiver).

The E3 touch controller allows touch selection of colours, dimming, mode control with preprogrammed colour changing.

The E3 controller can operate as a stand alone LED control system, or integrated into a larger system.



E4 RGBW WALL MOUNT CONTROL CNT-E4

The E4 controller has all the features of the E3 LED controller, however, with the addition of a separate channel for control of RGBW (RGB + White) LED strip lights and fixtures.

The control panel can be directly connected to the LED strips or fixtures, or operate via 2.4ghz where installing control wires may not be practical.



E5 RGB-CCT WALL MOUNT CONTROL CNT-E5

The E5 is an extremely versatile LED controller suitable for use with iFlex RGB plus CCT LED strips.

The E5 can be operated as a stand-alone wall mount unit, or matched with a Q5 LED remote control and F5-DMX receiver units.

E5 controllers can be directly wired to LED products, or where running additional wires is not practical. They also have a 2.4ghz transmit function.

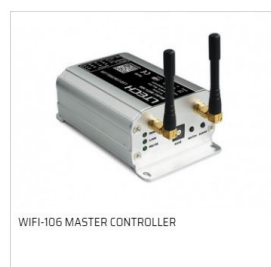


WIFI LED CONTROL

WIFI-106 MASTER CONTROLLER wifi-106

The WiFi-106 is the perfect building block for a home of commercial WiFi based lighting system. Control up to 12 individual zones of LEDs, with all types supported, single colour dimming, CCT, RGB, RGBW, WRGBW.

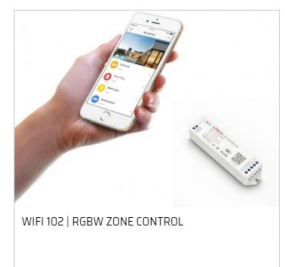
The App is easy to setup and connect to your home network. The Wifi-106 base unit counts as a single zone, you can add up to 11 more zones, with the addition of F5-DMX receivers.



WIFI 102 | RGBW ZONE CONTROL wifi-102

The WiFi-102 is a smart WiFi based controller for LED strip lights which allows control of a single lighting zones from your phone or tablet.

- Easy network integration
- Single zone lighting control, dimming, RGB and RGB+W
- Built-in 32 fixed modes
- 8 DIY modes which are programmable
- 12V / 24V (144W / 288W Max)
- IOS / Android App





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