

ANY

Professional Modular Lighting Control Systems

Light System One

Apart from chase sequences already mentioned, we have paid particular attention to the design of the four channel sound to light facility on this controller. We feel that this represents a considerable improvement over the sound to light capabilities of units in a similar price range.

As with other functions of the light system, ease of operation is a major consideration. Push-button switches are utilised for the following operations: sequence drive, freeze, sound to light/sequence, output on/off, strobe on/off and strobe drive; all of which have adjacent status indicators.

When sound to light has been selected the monitor L.E.D.s will continue to mimic the sequence selected by the rotary

Light System Two

This unit's eight switched outputs are available via 2 x 5 pin DIN sockets on the rear of the unit and maybe used via suitable Power Packs (such as PP405) to control mains loads, e.g. motors and lighting effects. Alternatively, the low voltage outputs from these switches may be used directly to control the inhibit on Power Packs such as the PP405AP, 605AP and DP410 or the matrix control inputs on the XP405.

Two of the switched outputs (No.s 7 and 8) may be internally selected to automatically switch on and off simultaneously or alternately.



The Light Chaser and Light Chaser Plus are two units designed to complement the existing range of products in the Anytronics Professional Modular Lighting Control Range. Although intended to be mounted into a Module 6 Skeleton Panel, both units come with rear covers so they can be easily mounted separately.

Light Chaser Plus

The "Light Chaser Plus" is a Module 3 sized unit with all the features of the "Light Chaser", plus an audio input which will advance the sequence to the bass beat of the music and four switches for effects/motor control. The supply requirements are the same as for the "Light Chaser", but an extra switch pack, such as the PP405, will be needed if the effects switches are to be used to control mains powered loads. Alternatively, they could be used to operate the inhibit input on a pack thus acting as zone switches. The PCB is laid out to allow the switches to be removed, rotated through 180° and re-soldered. In this configuration the output terminal for that switch will now be connected to 0 volts when the switch is operated. This will allow the switch to be used to complete the 0 volt return, if used, for instance, as an enable switch for the PP405 which has no separate inhibit input. A jack plug with the tip connected back to the appropriate switch input is all that is required.

Technical Specification

Supply: 18 to 25V at 100mA

Output: +10V

Dimensions: 211.5 x 133 x 44mm

Cut Out: 196 x 114mm

Net Weight: 1kg

Light Chaser

The "Light Chaser" is a Module 2 sized unit, a simple to operate 4 channel chaser using the same tried and tested sequence selection system and memory chip as the Light Systems and the Auto Display Pack. This gives 16 basic sequences, with 3 direction changes an auto programme position and an all-on facility. An automatic speed change is included in the auto programme position, causing some of the programmed sequences to run at a reduced speed to that selected by the speed control, this can be disabled by moving a jumper plug on the circuit board from position "a" to position "b". The normal speed range is approximately 1 - 10Hz. The Light Chaser requires an external DC supply available from the "AP" series of black box power packs.

Although the Light Chaser would normally be used with a switch pack such as the PP405AP or PP410AP, it could be used in conjunction with an SD/4 Fader Panel or a Crossfade 8 and one of the "DP" series of dimming packs. These packs are capable of supplying the DC requirements for both products.

Technical Specification

Supply: 18 to 25V at 75mA

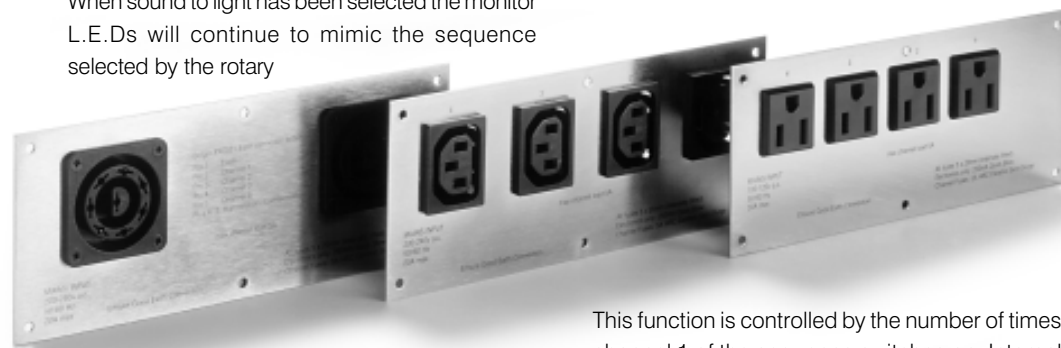
Output: +10V

Dimensions: 141 x 133 x 40mm

Cut Out: 132 x 114mm

Net Weight: 0.75kg

Light System One and Two
Socket Option Plates



controls, therefore allowing preview of the next desired sequence to be switched to the outputs. On the rear of Light System One, from left to right, are the jack sockets for the following functions: a strobe output, an inhibit input and an external pulse input which bypasses the unit's internal speed control and allows the sequence to be driven from an outside source, such as a strobe controller or another Light System. The audio input stereo jack socket is located at the far right hand end of the unit.

Light System One is available with low voltage outputs, on two parallel connected 5 pin DIN sockets on the rear panel, as well as with an optional built in 4 x 5 amp/channel pack to provide mains switching.

Technical Specification

Supply: 200 - 240V ac 50/60Hz 100 - 200V ac 50/60Hz to order

Power consumption: Low voltage model 180mA with 4 x 5A switch pack max 20A

Fuses: Low voltage model internal 5 x 20mm 1 x 250mA Quick Blow. With 4 x 5A pack all internal 5 x 20mm 2 x 250mA QB + 4 x 5A HRC Semi-surge

External Pulse Input: 5 to 15V + ve edge triggered

Inhibit Input: +10V turns on 0V to turn off (internally selectable)

Strobe Output: + 10V pulse

Low Voltage Outputs: Via 5 pin 180° DIN sockets (or via 5 way screw terminals to special order) 10 to 12V 15mA per channel (including internal pack if fitted)

Speed Ranges: Fast: 10Hz - 1/2 sec. Med: 7Hz - 1/5 sec. Slow: 4Hz - 1/9 sec (speed range factory set at fast speed range)

Audio Input: Via 6.3mm stereo jack socket - 100mV to 100V

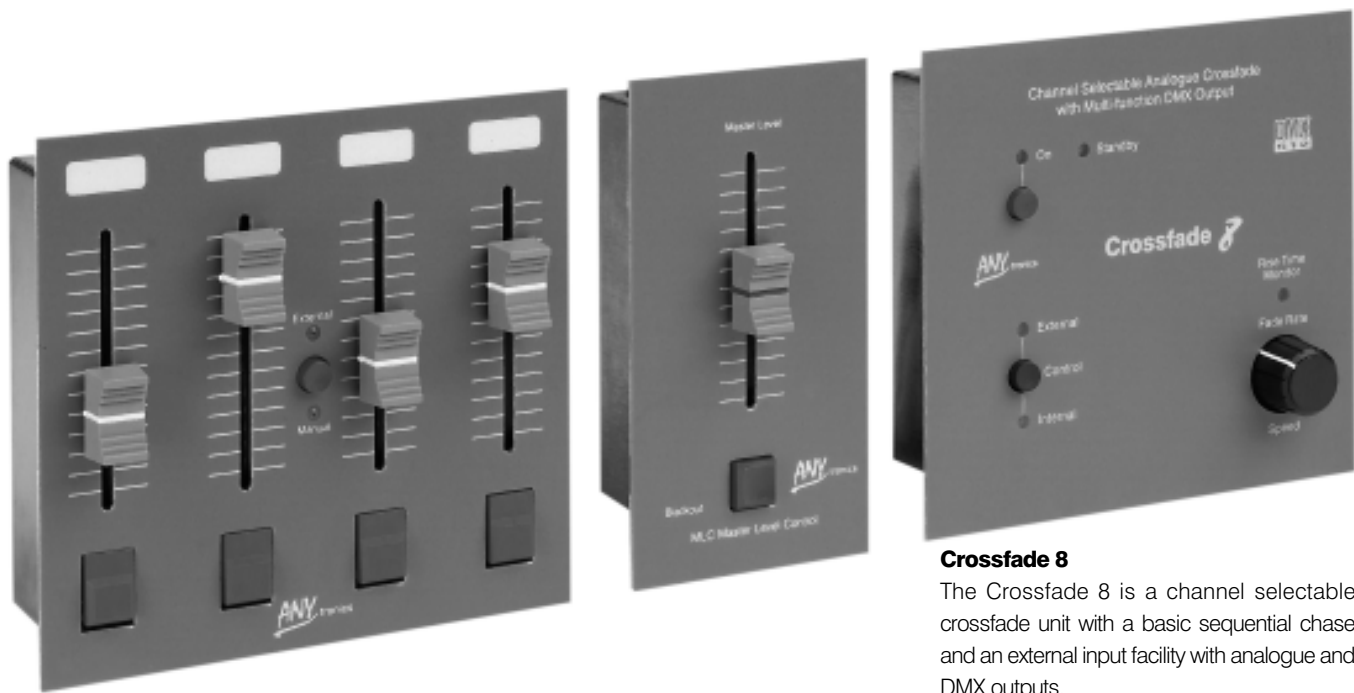
Mains Input: Low voltage model hard wired cable (2m) with 4 x 5A pack 20mm cable clamp fitted

Mains Output: Model with 4 x 5A switch pack only 4 x 20mm grommets fitted (hard wired) - 2 x Bulgin PX0552 8 pin sockets - 4 x 3 pin IEC sockets - 4 x 16A Schuko sockets - 4 x 3 Pin 110V American outlets

Dimensions: Front panel 19" x 2U (483 x 89mm). Distance behind panel excluding plugs 168mm, Cut Out 442 x 83mm

Nett Weight: low voltage model 3.2kg with 4 x 5A pack 3.7kg

ANYtronics



SD4 Fader Panel

The Anytronics SD4 is a multipurpose 4 way fader panel complete with 'Flash' buttons and switching inputs, with override facility. The panel is designed primarily for use with Black Box Dimming Packs DP405, DP805 or DP410 and connects via a 6 way cable through which it draws its power. With the override switch on, the green LED will operate, and the unit will act as a four channel manual dimming control on all channels. With the override switch off, the red LED will operate and channels must be activated by means of the switch inputs from a switch panel or lighting controller before they provide a dimming control voltage to the dimming power pack. Lighting can therefore be dimmed and sequenced inexpensively through this unit.

Technical Specification

- Operating Voltage:** +10V
- Inputs:** Via 5-way screw terminal connector
- Outputs:** Via 7-way screw terminal connector
- Front Panel:** 133mm x 141mm (Module 2)
- Depth:** 40mm from rear of front panel with rear cover, -30mm from rear front panel without rear cover
- Cut Out:** 155mm x 133mm
- Carton:** 205mm x 150mm x 120mm
- Net Weight:** 0.25kg - 0.5kg including rear cover
- Gross Weight:** 0.6kg - 0.8kg including rear cover

MLC - Master Level Control

The Anytronics MLC can be used in conjunction with up to twelve SD4 Fader Panels. The unit consists of a 60mm master level fader and a red blackout button. It is connected to the SD4 via three leads: further SD4s are simply connected by linking from one SD4 to the next; thus an inexpensive dimming board can be built up easily in four channel modules. Additional SD4 units may be added on as and when required. The MLC, SD4 and Crossfade 8 are components of the Anytronics Modular Lighting Control System, and can be fitted into the Module 6 19" x 3U rack panel. The MLC can also be used as the remote control for the Pro-Dim (see separate leaflet).

Technical Specification

- Operating Voltage:** +10V
- Front Panel:** 133mm x 70.5mm (Module 1)
- Depth:** 25mm from rear of front panel
- Cut Out:** 107mm x 42mm
- Carton:** 155mm x 110mm x 95mm
- Net Weight:** 0.1kg **Gross:** 0.25kg

Skeleton Panel/Blank Panels

A 19"x3U Skeleton Rack Panel is available to provide a convenient way of mounting module 1, 2 and 3 sized units. Module 1 and 2 blank panels complete the range to fill any spaces in the skeleton Panel.

Crossfade 8

The Crossfade 8 is a channel selectable crossfade unit with a basic sequential chase and an external input facility with analogue and DMX outputs.

The front panel controls include the on/standby switch, the internal/external switch both with associated status LEDs, and the fade rate/speed control with rise time monitor LED.

Jumper plugs on the rear of the PCB are used to select the following:

1. The number of channels 2 to 8
2. The timing range x1, x2, x4 and x8
3. Normal or inverted output state (analogue outputs only)
4. Fast/audio range, particularly suitable for 'soft' sound to light effect (J1)

The Crossfade 8 needs a + and -15V supply which is available from any of the dimming packs in the Anytronics range. When operating on internal mode the sequential chase is controlled by both the jumper plug selection on the rear and by the fade rate/speed control. On the x1 setting the rotary control gives a range of 1 second to 1 minute.

If a different sequence is required or if the individual channels need to be selected from an outside source then the external input must be used. In external mode the rise time monitor LED will continue to run indicating the fade time that will be applied to the incoming signal.

In addition to the 8 channels of analogue outputs, the Crossfade 8 has a multifunction DMX output, which uses 80 channels of DMX arranged in blocks of 8, giving normal, inverted, strobe and switching options.

Technical Specification

- Supply:** ±15V at 50mA (available from Anytronics Dimming Packs) via 3-way screw terminals
- Inputs:** 8 Channels 0 →10V Switching via 9-way screw terminals
- Outputs:** Analogue: 8 Channels 0 →10V via 9-way screw terminals. DMX: 80 Channels via 3-way screw terminals
- Fade Rate:** 1 second 8 minutes
- Front Panel:** 133mm x 141mm (Module 2)
- Depth:** (Behind front panel) 43mm
- Cut Out:** 120mm x 125mm
- Carton:** 205mm x 150mm x 120mm
- Net Weight:** 0.5kg **Gross:** 0.85kg

Modular Lighting Control Systems



Professional
Modular Lighting Control Systems

The Anytronics Modular Lighting Control System. A new concept in total freedom for lighting designers to plan and integrate a custom made system. Professionally finished, quick and simple to install with all the features a professional expects.

Light System One

- Easy to use
- 48 chase sequences
- Full 4 channel sound to light
- Single channel strobe output
- 19" x 2U size
- Low voltage outputs and optional built in 4 x 5A switch pack

Light System Two

- Features as Light System One Plus**
- 2 'Zone' outputs
 - 8 switched outputs
 - 'Auto Toggle' facility



Light System One

A high performance, easy to use 4 channel lighting controller. This unit has 16 basic programmes with three direction changes on each, giving 48 different sequences; both direction and sequence selection is done by easy to use rotary switches. These sequences may be driven by either the bass beat, if a sound input is connected; or by the unit's own speed control, which has three internally selectable speed ranges to allow for very low speeds to be achieved - if for instance the unit is being used in conjunction with the Crossfade 8.

Light System Two

This unit has all the performance features of Light System One, plus an extra output 'Zone' and eight switched outputs for the control of motors/effects. The additional output gives the user an extra 'Zone' which has its own on/off control plus the choice of sound to light or sequence. This is available via a 5 pin DIN socket.

For technical information on Light System One and Two please see overleaf...



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