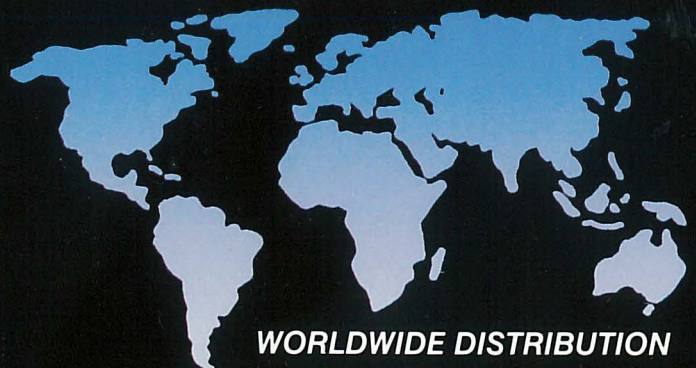


# **CCT**

# **LIGHTING**

## **REGAL II + 4**

### **dmx**



**WORLDWIDE DISTRIBUTION**

**CCT Lighting - Sales**  
Sutton, Surrey, U.K.

**CCT Lighting - Projects**  
Nottingham, U.K.

**CCT Lighting Inc.**  
New York State, U.S.A.



## Regal II + 4 DMX Control System

Regal II + 4 is a professional lighting control system for the discerning user. The control desk offers the operator a range of manual functions for hands-on lighting, whilst the matching dimmers are constructed with safety and reliability in mind. The use of industry standard DMX 512 ensures future compatibility when upgrading or extending the system.

### Regal Control Desk

2 piece sheet metal case with sockered internal PCB's and membrane front plate. Finish grey with red and black inscriptions. 2 x 8 pin DIN connectors for slave desks and 1 x 6 pin DIN connector for DMX link to dimmer racks.

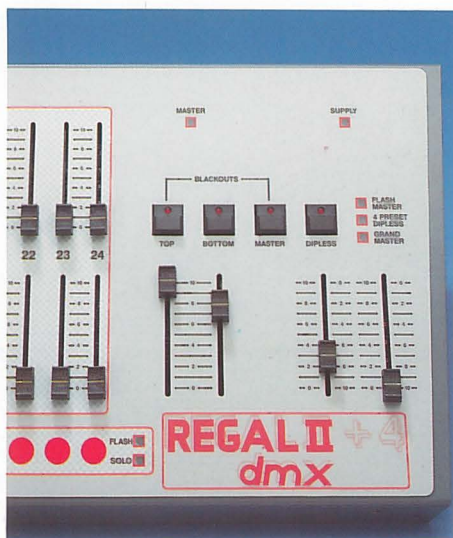
### Pin Configuration

Pin 1	Ground Pin
Pin 2	Signal -
Pin 3	Signal +
Pin 4 & 5	Not Used
Pin 6	+ 24v Power

The desk is supplied with 1 x 5 metre desk to dimmer control lead. Up to 4 desks can be linked for 4 preset 48 way operation.

Ordering codes can be found in the CCT price list

- 12, 18 or 24 channels
- 2 presets
- Full flash and solo facilities
- Selectable pipless crossfade
- Grand or flash mastering
- Option indicator lights
- 4 presets with second desk
- Up to 48 channels with second desk
- Up to 4 desks linkable for 48 way 4 preset
- DMX 512/1990 output
- Flash buttons, long life membrane action
- Powered from dimmer racks



### Rear Panel



6 5 4 3 2 1

1. Solo on
2. Flash on
3. Grand/flash master
4. 48 way
5. 4 preset
6. To dimmer

### Master Section

- Indicator shows which desk has master control when slave desk used.
- Selected dipless crossfade operates in preference to preset masters.
- Three blackout switches are always active regardless of master selection.
- The master may be selected as grand master or flash master. With 4 presets it becomes a dipless crossfader between presets 1-2 and 3-4
- Indicators show which function is active.
- The flash buttons can be disabled or set to 'solo feature for dramatic lighting effects.

## Regal Permanent Dimmer Rack

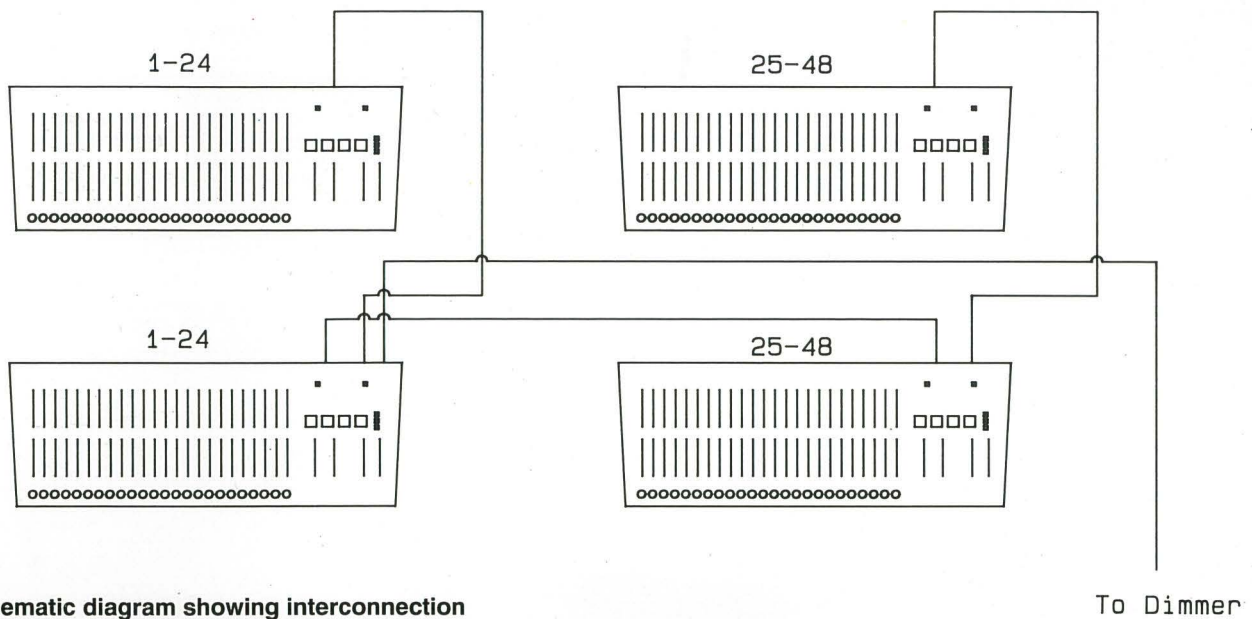
Constructed of welded sheet metal with removable covers for access to terminals and modules. Ventilation is via front cover slots and there are top and side removable covers for cable entry. Dimmer modules are grouped in 6 channel sub assemblies and are socketed for straightforward maintenance. Terminals are sized for 2.5mm<sup>2</sup> cable with large incoming supply terminals. Any phasing requirement to two channel multiples can be complied with during manufacture. Each module is fed via a 63 amp/30mA RCD and each circuit is protected with 10 amp high rupturing capacity Reyrolle type fuses. Control power is via 3 x 2 amp 5mm x 20 mm ceramic fuses. Each dimmer can control from 0.4 to 10 amps, continuously variable between 0 and 5v below supply voltage at better than 98% efficiency. Suppression is to

BS800 and the input is to DMX 512 1990 (or earlier) protocol. Channel start address is set via internal decade switches. Racks are designed to be fixed to a wall individually or side by side..

The Regal 6 portable rack has twin 15 amp sockets with a local test facility. Channel select switches are used to choose which group of 6 desk channels to respond to.

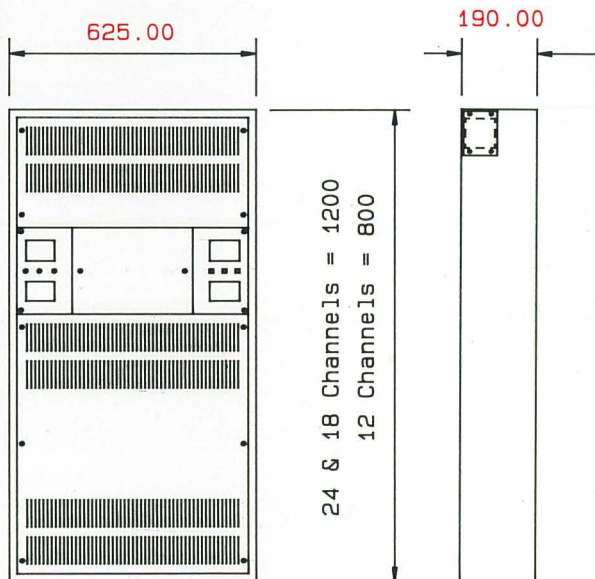
- 12, 18 or 24 way dimmers
- Earth leakage protection
- Fully rated at 10 amps per channel
- DIN rail terminals
- HRC fuse protection
- Natural ventilation
- Supplies desk power
- DMX 512/1990 input
- Internal address decoding
- RFI suppressed to BS800





Schematic diagram showing interconnection method for a 48 way, 4 Preset Control System

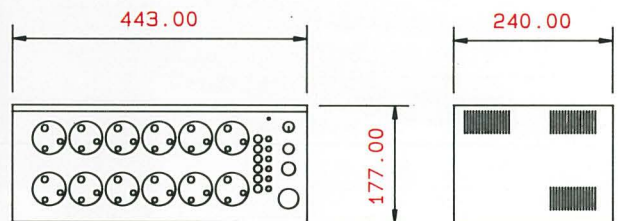
**Regal DMX Dimmer Rack**



- 12 Way Order Code: 641310
- 18 Way Order Code: 641320
- 24 Way Order Code: 641330

- 12 Way NETT Weight = 42 Kg
- 18 Way NETT Weight = 53 Kg
- 24 Way NETT Weight = 58 Kg

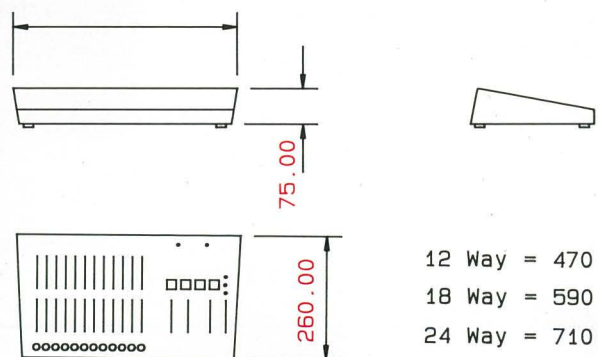
**Regal 6 Dimmer Pack**



NETT Weight: 9 Kg

Order Code: 699500

**Regal II +4 Control Desk**



- 12 Way Code: 620310 NETT Weight = 4.12 Kg
- 18 Way Code: 620320 NETT Weight = 5.25 Kg
- 24 Way Code: 620330 NETT Weight = 6.38 Kg

**CCT LIGHTING**

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