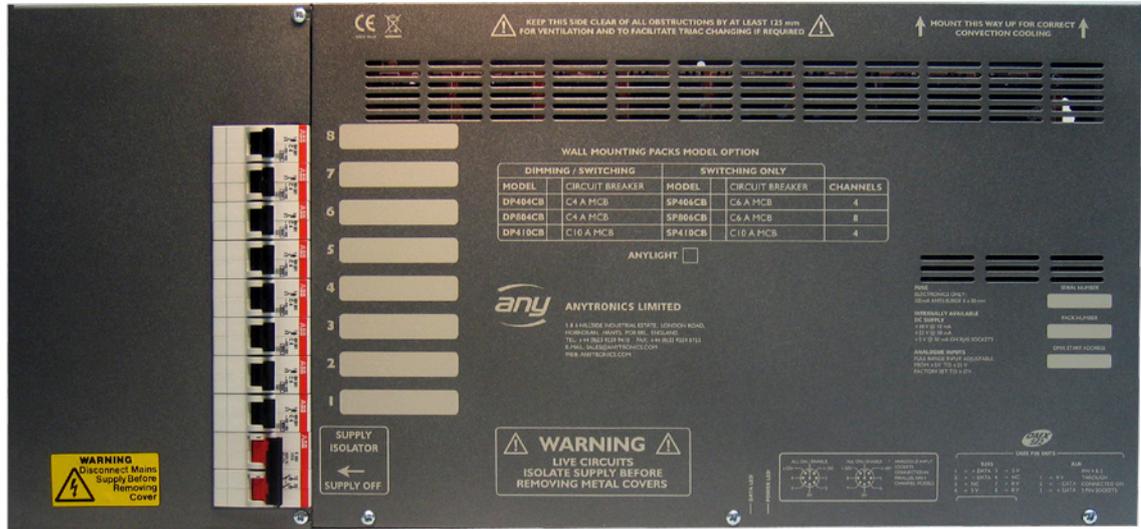


# Dimming/Switching Pack

## CB SERIES



Anytronics have combined the hard-fired triac dimming technology of their successful range of wall mount packs with the tried and tested digital control of the Contractor series to produce a new range of robust and flexible dimming and switching wall mount packs. The CB series of wall mount dimming packs feature type C circuit breaker protection and selection of either dimming or switching action on every channel. The dimmer circuitry is optimised to minimise RF interference and to work with all types of leading edge dimmable load circuits including inductive, capacitive and electronic loads with no minimum loading constraints.

- Robust range of economical wall mounting dimming/switching packs.
- Rugged steel enclosure.
- Leading edge control utilizing 25 A power devices.
- 8 x 4 A, 4 x 4 A and 4 x 10 A dimming/switching models.
- 4 x 6 A, 8 x 6 A and 4 x 10 A dedicated switching models, ideal for ballast type loads.
- Choice of dimming or switching channel by channel.
- Status indication on each channel.
- No minimum load constraints.
- Combined analogue and digital inputs.
- Choice of DMX or RS232 digital inputs.
- 3 or 5 pin XLR and RJ45 DMX in/through connections.
- Auxiliary +5 V 50 mA supply on RJ45 for external controllers.
- Optional Cannon D 9 way RS232 connector.
- Data LED indication.
- Power LED.
- Analogue inputs on all models via screw terminals and DIN sockets.
- Maximum level control on each analogue input.
- Auxiliary +22 V 50 mA supply on DIN socket to power remote desks etc.
- Reference +10 V 10mA supply on DIN sockets.
- Manual channel test facility.
- Additive preheat control.
- Comprehensive enable/disable input arrangements.
- Electronic ballast setting for electronic loads.
- Compatible with Anylight architectural control systems.
- Compatible with Anyscene and IR Anyscene DMX scene setting products.
- Compatible with AMD range of analogue and DMX architectural slider controls.

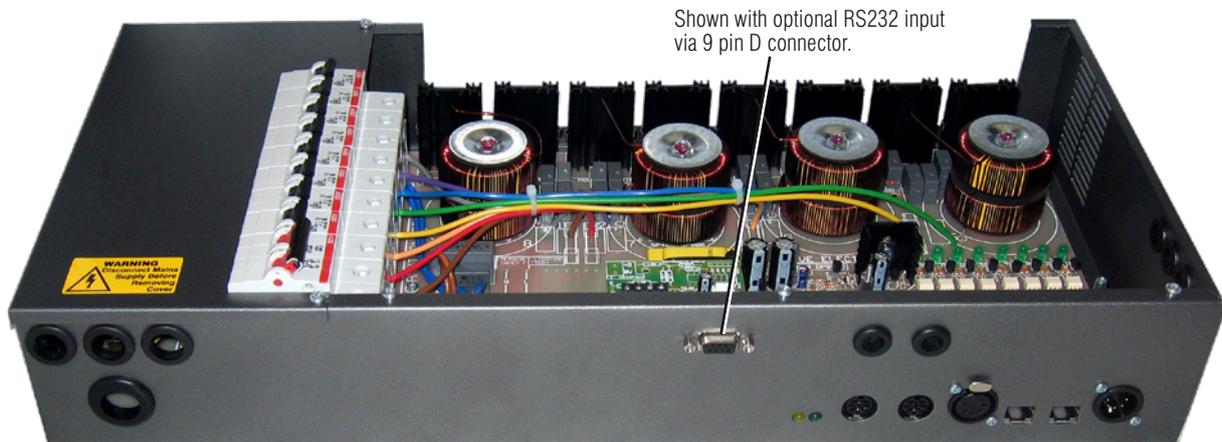
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## CB SERIES Dimming/Switching Pack

Analogue and digital control input data is combined to control each channel with DIN input connectors for direct connection to analogue control desks, and XLR and RJ45 sockets for DMX In/Through connections from control desks or for direct connection to the wide range of Anytronics architectural control panels and scene setting products. An alternative RS232 digital control system with Cannon D connection system is also available.

An enable/disable input, additive preheat control and full status indication complete a robust economic package which prove useful in a wide range of entertainment, architectural and commercial applications.



### INPUT SUPPLY

single phase connection - live, neutral and earth.  
Operating Voltage range 215 - 245 Vac, Frequency 46 - 64 Hz.  
Operation on low voltage ac supplies possible.  
Electronics protected by 100 mA anti-surge 5 x 20 mm glass fuse.  
Choice of input isolator or RCD protection.

### OUTPUTS

4/8 channels of either zero voltage switching or phase controlled dimming.  
Type C circuit breaker protection on all channels.

### DIMMING PACKS

DP404CB, DP804CB rating 4 A rms per channel maximum.  
Current rise time > 100 uS.  
DP410CB rating 10 A rms per channel maximum.  
Current rise time > 160 uS.

### SWITCHING PACKS

SP406CB, SP806CB rating 6 A rms per channel maximum .  
SP410CB rating 10 A rms per channel maximum.

### CONTROL INPUTS

Merged DMX and analogue control inputs.  
DMX control to USITT DMX 512 via screw terminals, XLR and RJ45.  
Analogue inputs via DIN sockets, 0 to +10 V input control range (full range value adjustable between 5 V and 25 V).  
RS232 option merges analogue (standby) and RS232 commands.  
0 to +10 V enable/disable input on screw terminals.

### DC OUTPUTS

+ 5 V, 50 mA regulated supply for external equipment.  
+10 V, 10 mA reference supply on DIN sockets.  
+25 V, 50 mA supply for remote desks etc on DIN sockets.

### OPERATION

Dimming or switching operation individually selectable for each channel.  
Preheat 0-25%.  
Electronic ballast setting for electronic loads.  
DMX start address from 1 to 511 settable on bcd switches.  
If DMX input fails, last level is held indefinitely until DMX input restored.  
Test mode : DMX input disabled, and channels can be individually switched from Off to either full On or to 50% dimming.

### INDICATORS

Mains on indicator. Monitor LED indicator per channel DMX active LED indicator.  
Breaker tripped indication of overload condition.

### PHYSICAL / ENVIRONMENT

Rugged wall mounting steel chassis construction

H x W x D 240 x 520 x 85 mm

WEIGHT: DP 404 CB 5.6 kg

DP 804 CB 7.3 kg

DP 410 CB 7.1 kg

BOXED: 260 x 540 x 105 mm

WEIGHT: DP 404 CB 7.1 kg

DP 804 CB 8.8 kg

DP 410 CB 8.6 kg

Wall area required to facilitate mounting, and cooling/ventilation:  
H 365 x W 600 mm.

Recommended ambient operational temperature range 0 - 35°C

### COMPLIANCE

Complies with relevant parts of current CE regulations for EMC :  
EN55014 / EN50081 -1 emissions , EN50082 -1 immunity LVD:  
EN60439 / EN60950.

Specifications and designs are subject to change without notice or obligation on the part of the manufacturer.

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