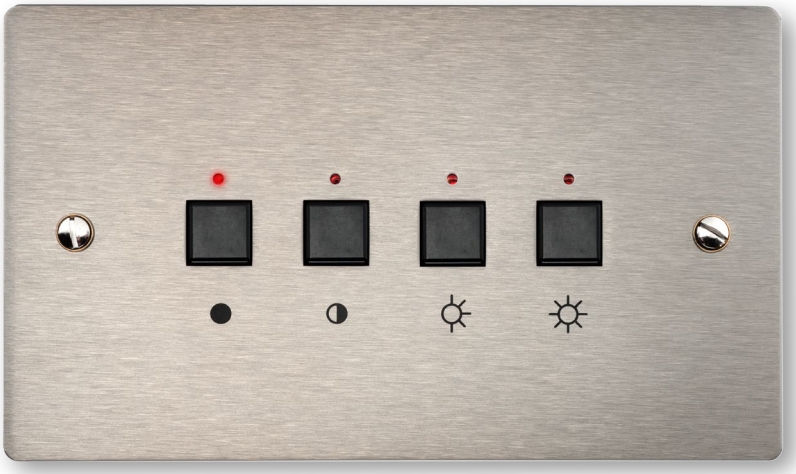
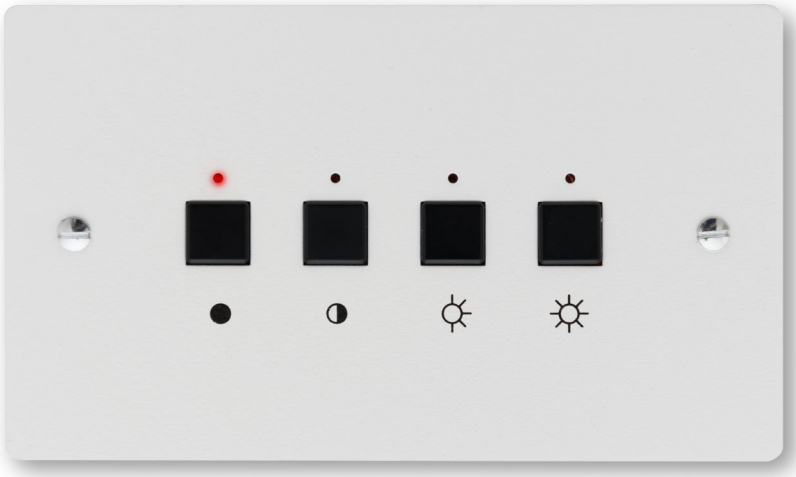
anytronics

PRO-DIM

Master & Slave Outstations





Anytronics Pro-Dim outstations provide four levels of manual control plus external automation control of lighting levels when using Anytronics dimmers in cinema control systems.

Designed primarily for use with the single channel Pro-Dim dimmers, they can also be used to control individual channels of other Anytronics analogue input dimmers.

- Stylish and easy to use preset controller primarily for use with Pro-Dim slave dimmers
- Four preset dimming levels selected at the touch of a button
- Standard UK double patress fitting available in White or Mark Resistant Stainless Steel. Other architectural finishes are available to special order
- Preset fade rate between 5 seconds and 5 minutes
- System expandable up to four linked outstations
- Full status indication on all outstations
- Three wire connection to Pro-Dim dimmers
- Simple non-volatile setting of preset levels and fade rate
- Compatible with all Anytronics analogue input dimming systems

T2601 Any ProDim Outstation Sales Issue 1(2)

Master and Slave Outstations

Anytronics Pro-Dim outstations provide touch panel control of lighting levels when using Anytronics dimmers. Though designed primarily for use with the single channel Anytronics Pro-Dim dimmers, they can also be used to control individual channels of other Anytronics analogue input dimmers. The outstations come in two versions :-

Master outstation - for direct connection to the dimming pack via three wires. This outstation has the preset controls which set the four required dimming levels (corresponding to the four preset levels) and another which will set the fade rate between these preset levels.

Slave outstations - up to three of these units can be connected back to the Master outstation via six wires or RJ12 connection. This allows users to call up the settings on the Master outstation from different locations on a 'last button pressed takes precedence' basis.

Connections

Only one Master outstation should be connected to a dimming channel in each system. This connection is by a three wire interface connected to the three way screw terminal on the back of the outstation as follows :-

Outstation		Pro-Dim		Dimmer
0 V	to	0 V	or	0 V
Control	to	Input 1	or	Channel Input
10 V	to	10 V	or	10 V

Up to three further Slave outstations may now be connected to the Master using the six way screw terminal or the RJ12 interconnection system (using 6 way telephone cable). The outstations are connected by paralleling pins 0v to 0v, 1 to 1, 2 to 2 etc back to the Master outstation. It is a good idea to check your connections by making sure that each button calls up the correct preset on all outstations.

External Automation Connection

Inputs from external automation systems using voltage free contacts may be connected between +10V and any of the 1, 2, 3, or 4 logic inputs on either Master or Slave outstation screw terminals. The contacts should be pulsed on to temporarily connect the input to +10V to recall a particular level. If multiple inputs are pulsed high simultaneously, the results may be indeterminate, but usually the last input held high will select the final dimming level.

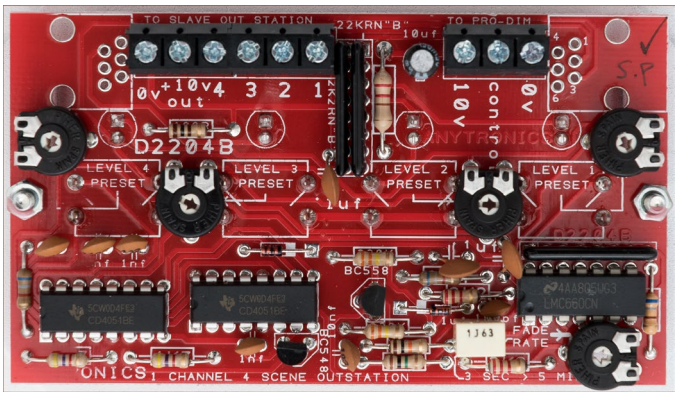
Setting up

All settings are made on the Master outstation

The fade rate between preset levels is set by the potentiometer control in the corner of the PCB which is labelled ' Fade Rate'. This is factory set for about 30 seconds, but can be set in the range 5 seconds to 5 minutes by adjusting the control. To minimise delays whilst setting up it is advantageous first to reduce the fade rate to its minimum value.

The other four preset potentiometers (labelled 'Level 1,2,3,4 preset') control the output levels corresponding to the four switch positions. Bear in mind that on powering up the unit, preset 1 will always be selected. The factory settings for presets 1 to 4 are approximately 0, 30, 60, 100% respectively. To change these, first select the preset level by pressing the corresponding switch on the other side of the unit. Then adjust the level required for that preset (after allowing for any delays due to the fade rate setting).

Finally set the fade rate to the desired value and check its operation by switching between presets.



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