

DIMMERS AND LIGHTING CONTROL SYSTEMS



Strand Lighting

MICRODIMMER

UNIT DIMMERS



Microprocessor based unit dimmers which can operate alone or with Remote Control Stations. A sophisticated inbuilt memory records preset lighting states and fade rates.

DIMENSIONS				RATING	TYPE	CAT No.
H	W	D	Wt			
216	112	77	1.75	5A	universal	09 502 05
216	112	92	1.85	10A	universal	09 503 10
216	170	97	3.20	20A	universal	09 504 20

CONTROL STATIONS FOR USE WITH MICRODIMMERS (WHITE FACE PLATE)

	CAT No.
Preset Select Control Station	09 611 08
Preset Select Control Station with Bargraph	09 612 18
Preset Control Station with 1 Fader	09 613 01
Preset Control Station with 2 Faders (to control 2 Microdimmers)	09 614 02
Preset Control Station with 3 Faders (to control 3 Microdimmers)	09 615 03
Preset Control Station with 4 Faders (to control 4 Microdimmers)	09 616 04
Preset Control Station with 6 Faders (to control 6 Microdimmers)	09 617 06

Note: Control Stations supplied complete with white face plate. Alternative face plates (only) are available as accessories, either in dark anodized or brass finish.

ECONOMY & MINI UNIVERSAL

ECONOMY DIMMERS



Cost-effective dimmers supplied with local rotary control. Can be used with optional remote outstations including UP/STOP/DOWN or three preset control.*

DIMENSIONS				RATING	TYPE	CAT No.
H	W	D	Wt			
370	260	105	4.75	Dual 6A	Tungsten	09 750 06
370	260	105	4.75	16A(4kW)	Tungsten	09 751 01
370	260	105	4.75	16A	Fluorescent	09 752 07

MINI UNIVERSAL DIMMERS



Compact unit dimmers provided with an ON/OFF switch and a local rotary control, or for use with optional manual remote outstations.

DIMENSIONS				RATING	TYPE	CAT No.
H	W	D	Wt			
155	155	53	1.4	5A	universal	09 750 05

CONTROL STATIONS FOR USE WITH ECONOMY & MINI UNIVERSAL DIMMERS

	CAT No.
1-Gang Rotary Outstation	09 010 05
2-Gang Rotary Outstation	09 020 02
3-Gang Rotary Outstation	09 030 01
1-Gang Slider Fader Outstation	09 110 18
2-Gang Slider Fader Outstation	09 120 15
3-Gang Slider Fader Outstation	09 130 12
6-Gang Slider Fader Outstation	09 160 14
Take Control Outstation (Fader plus Take Push)	09 100 02
1-Gang UP/STOP/DOWN Outstation (3 Pushbutton)*	09 880 02
2-Gang UP/STOP/DOWN Outstation (6 Pushbutton)*	09 881 08
3-Gang UP/STOP/DOWN Outstation (9 Pushbutton)*	09 882 03
Photocell (including mounting bracket)	09 200 07
Photocell Amplifier and Setting Panel	09 201 02

*For use only with Economy Dimmers 09 751 01 and 09 752 07

All measurements in millimetres and kilograms

ENVIRON 2

PRESET DIMMERS



Modular plug-in automatic dimmers which can be configured into a dimming system comprising a mixture of tungsten or fluorescent loads.

DIMENSIONS				RATING	TYPE	CAT No.
H	W	D	Wt			
270	135	210	3.5	6A(1.5kW)	Tungsten (P)	09 802 05
270	135	210	4.0	16A(4kW)	Tungsten (P)	09 812 02
270	135	210	5.5	32A(7.5kW)	Tungsten (P)	09 822 0T
270	135	210	3.5	6A	Fluorescent (P)	09 832 07
270	135	210	4.0	16A	Fluorescent (P)	09 842 04
270	135	210	5.5	32A	Fluorescent (P)	09 852 01

CONTROL STATIONS FOR USE WITH ENVIRON 2 PRESET DIMMERS

	CAT No.
1-Gang Preset Outstation (4 Pushbutton)	09 410 03
2-Gang Preset Outstation (8 Pushbutton)	09 420 00
3-Gang Preset Outstation (12 Pushbutton)	09 430 08
6-Gang Preset Outstation (24 Pushbutton)	09 460 0T
1-Gang UP/STOP/DOWN Outstation (3 Pushbutton)	09 880 02
2-Gang UP/STOP/DOWN Outstation (6 Pushbutton)	09 881 08
3-Gang UP/STOP/DOWN Outstation (9 Pushbutton)	09 882 03

MANUAL DIMMERS



Modular plug-in manual dimmers which can be configured into a dimming system comprising a mixture of tungsten or fluorescent loads.

DIMENSIONS				RATING	TYPE	CAT No.
H	W	D	Wt			
270	135	210	3.5	6A(1.5kW)	Tungsten (N-P)	09 800 04
270	135	210	4.0	16A(4kW)	Tungsten (N-P)	09 810 01
270	135	210	5.5	32A(7.5kW)	Tungsten (N-P)	09 820 09
270	135	210	3.5	6A	Fluorescent (N-P)	09 830 06
270	135	210	4.0	16A	Fluorescent (N-P)	09 840 03
270	135	210	5.5	32A	Fluorescent (N-P)	09 850 00

CONTROL STATIONS FOR USE WITH ENVIRON 2 MANUAL DIMMERS

	CAT No.
1-Gang Slider Fader Outstation	09 110 18
2-Gang Slider Fader Outstation	09 120 15
3-Gang Slider Fader Outstation	09 130 12
6-Gang Slider Fader Outstation	09 160 14
6-Gang Slider Fader with Master Outstation	09 160 06
1-Gang Rotary Outstation	09 010 05
2-Gang Rotary Outstation	09 020 02
3-Gang Rotary Outstation	09 030 0T
Take Control Outstation (Fader plus Take Push)	09 100 02
Photo Cell (including mounting bracket)	09 200 07
Amplifier and Setting Panel (for Photocell)	09 201 02

ENVIRON 2 ACCESSORIES

APPLICATION

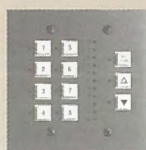
		CAT No.
Strand Rail (Mounting Plate 1 metre)	Wall fixing for Dimmer Modules	09 874 07
Mains Connection Box	Mains input for Multi-Dimmer installation	09 872 06
Busbar Connecting Set	Links between Modules and to Mains Box	09 871 00
Multi-Phase linking kit	Links Earth and Neutral in 3 Phase installations	09 873 01

all measurements in millimetres and kilogrammes

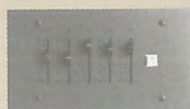
PROGRAMMABLE LIGHTING CONTROL SYSTEMS



Master Station



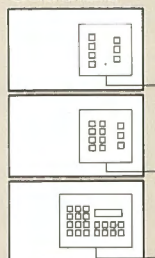
8 Pushbutton Preset Station



Fader Station

Each programmable system is configured with suitable dimmers (either plug-in modules or Dimmer Racks) to specific requirements.

Programmable Outstations



Program Module Enclosure



Dimmers and Demux



FLUORESCENT DIMMING BALLASTS

FLUORESCENT TUBE				BALLAST		CHOKE		SUPPLY	
T	Ø (mm)	LENGTH	WATTS	CAT No.	Wt	CAT No.	Wt	VOLTS	
T12	38	600	2×20	09 320 06	1.5	—	—	240V, 50Hz (High Voltage Cathodes)	
T12	38	1200	1×40	09 320 06	1.5	—	—		
T12	38	1500	1×65	09 310 09	2.75	—	—		
T12	38	1800	1×75/85	09 300 01	2.75	—	—	(220V Versions can be supplied)	
U-Tube	525×120	1×40	09 350 08	1.6	—	—	—		
T8	26	600	1×18	09 212 40	0.48	09 213 12	0.57	240V, 50Hz	
T8	26	1200	1×36	09 212 40	0.48	09 213 14	0.65		
T8	26	1500	1×58	09 212 40	0.48	09 213 15	1.12	(220V Versions can be supplied)	
T8	26	1800	1×70	09 212 40	0.48	09 213 16	1.12		

Fluorescent lamps can only be dimmed when controlled through suitable dimming ballasts. Usually, fluorescent luminaires need to be converted for dimming by employing a circuit compatible for the type of tube used and matched to an appropriate dimmer module.

For further information consult the Strand Guide to Fluorescent Dimming.

Notes:

1. Universal Dimming Transformers (09 212 40) can also be used with T12 lamps.
2. High Frequency Electronic Ballasts can be supplied as an alternative. Consult Strand Lighting for details.
3. Please refer to Data Sheet for full details.

Full specifications Data Sheets are available on request.

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The Company reserves the right to make any variation in design or construction to the equipment described.



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