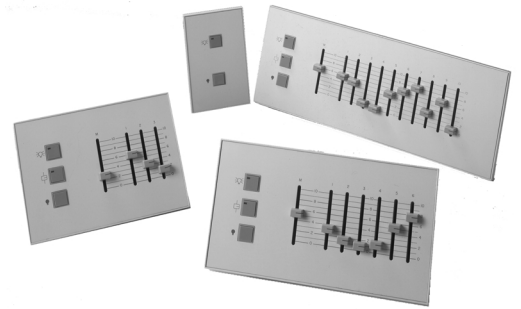




MICROCONTROL

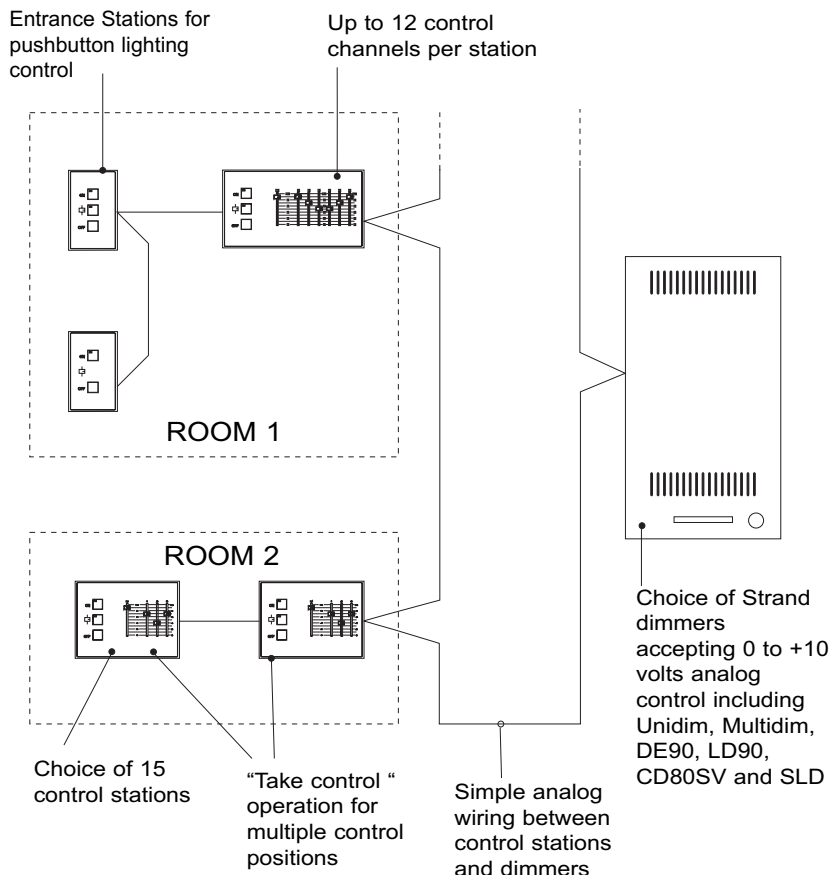
Manual lighting control

- ❑ Simple to operate range of manual lighting controls for use with remote dimmers
- ❑ Up to 12 manual sliders for direct control of individual circuits
- ❑ Master slider for overall control (stations with 2 or more channels)
- ❑ "Take Control" facility for control from different locations
- ❑ On and Off pushbuttons for instant switching control
- ❑ A choice of Entrance Stations for remote selection of On, Manual and Off functions
- ❑ Entrance station with relay output for switching independent contactors
- ❑ Elegant, screwless face plates with concealed fasteners
- ❑ Portable station options available
- ❑ 0 to +10 volt dc analog output for dimmer control



Typical applications include: meeting rooms, lobbies, bars, restaurants and other small or medium sized applications

Microcontrol Typical Schematic



A Guide to Microcontrol

Microcontrol is a range of flush mounted slider stations designed to control up to 12 lighting channels via remote dimmers.

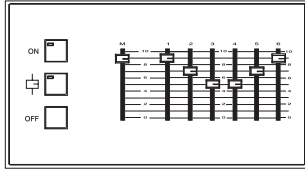
On, Off and Manual pushbuttons take control of the lighting locally, permitting multiple Microcontrol Stations to be used within the same area. On and Off pushbuttons provide Full On (clean-up) and Off lighting scenes respectively. The "Manual" pushbutton activates sliders for local manual adjustment of the lighting levels.

Optional Entrance Stations are available to allow the remote selection of the On/Off, Manual/Off or On/Manual/Off lighting scenes.

Dimming Options

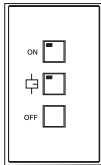
Microcontrol is designed for use with remote analog dimmers which have the capability of providing intensity control for tungsten, tungsten halogen, low voltage (transformer fed), fluorescent, neon and cold cathode lighting loads. Dimmers should be selected appropriate to the type of light source, load rating and the installation requirements.

An Electronic Fluorescent Ballast Controller (EFBC) is available to interface Strand Lighting control systems and the Advance® Mark VII Fluorescent Ballast. The EFBC can be connected directly to Microcontrol Slider Stations.



Microcontrol Slider Stations

Microcontrol Slider Stations allow manual slider control of between 1 and 12 channels with a Manual or "Take Control" pushbutton to allow control to be switched from one slider station to another within a room. These stations also feature On and Off buttons for switching lights instantly to full or off respectively.



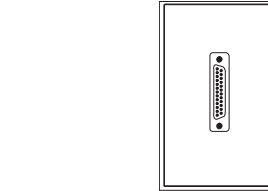
Entrance Stations

Entrance Stations are available in three pushbutton configurations: On/Off, Manual/Off and On/Manual/Off. The Entrance Stations connect directly to a Microcontrol Slider Station for remote selection of On, Off or the Manual scene currently set on the sliders. A variant on the ON/Off entrance station has a low voltage relay drive output, (2 pole double throw latching output controlled from the station ON and OFF button). This relay may be used to drive the pilot coil of an external contactor for switching non-dim loads independent of Microcontrol control channels operated from the sliders. Typical applications include switching working lights, HID sources or providing a contact closure for emergency systems or dimmer cabinet "panic" functions.

- Stations can be supplied complete with back box to special order
- Stations can be supplied as a portable unit complete with 25ft (8m) cable and mating connector for a Receptacle Station
- Bronze tinted Plexiglass locking covers are available to order for all Microcontrol Stations

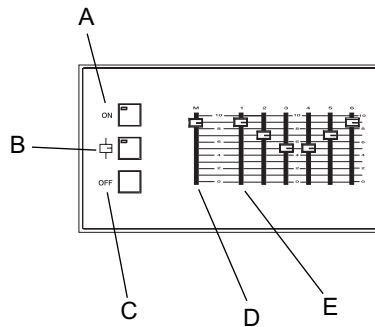
Strand Lighting Inc

6603 Darin Way, Cypress, CA 90630, USA
Tel: +1 714 230 8200 Fax +1 714 230 8173



Receptacle Station

The Receptacle Station allows a Portable Microcontrol Station to be used to control lighting from various positions in a room, particularly useful for meeting rooms and lectern controls. The Receptacle Station has a 25 way D type connector that accepts any Portable Microcontrol Station.



- A: On - Turns all lights full on
- B: Manual - Activates load sliders taking control away from other stations
- C: Off - Selects black-out
- D: Master Slider - Overall control of slider levels
- E: Channel Sliders - Individual control of lighting levels

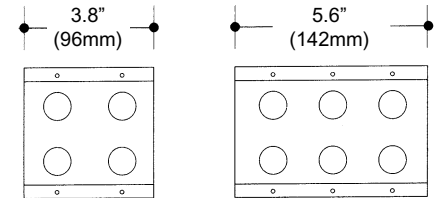
Strand Lighting (Canada)

Inc/Eclairages Strand (Canada) Inc

2430 Lucknow Drive No 15
Mississauga Ontario L5S 1V3 Canada
Tel: +1 905 677 7130 Fax: +1 905 677 6859

Back Box Sizes

All masonry back boxes are 3.5" (89mm) deep and all are 3.75" (95.3mm) high



A*	1-Gang	1.97"	(50mm)
B	2-Gang	3.78"	(96mm)
C	3-Gang	5.59"	(96mm)
D	4-Gang	7.40"	(188mm)
E	5-Gang	9.22"	(234mm)
F	6-Gang	11.03"	(280mm)

* Note: Backboxes are subject to regional supply variations. Dimensions given are for guidance only and refer to Raco 690/960 series. Refer to your local Strand Representative for further details.

Ordering Information

Cat No.	Description/Microcontrol	Faceplate/ Back Box
61001	On/Off/Manual – 1 Channel Station	B
61002	On/Off/Manual – 2 Channel Station + Master	C
61003	On/Off/Manual – 3 Channel Station + Master	C
61004	On/Off/Manual – 4 Channel Station + Master	D
61006	On/Off/Manual – 6 Channel Station + Master	D
61009	On/Off/Manual – 9 Channel Station + Master	E
61012	On/Off/Manual – 12 Channel Station + Master	F
61020	Entrance On/Off	A
61021	Entrance Manual/Off	A
61022	Entrance On/Manual/Off	A
61023	Entrance On/Off with relay output	A
63024	Receptacle Station	A
66100	Supplementary PowerSupply with Enclosure	–



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