

DPNE user control panels

Dynalite DPNE series user control panels are a popular choice for commercial and residential applications, providing integrated automation solutions. These robust panels are supplied as standard in a brushed stainless steel finish, with square button caps in silver, black surround and black engraving. Smooth action buttons with LED indicators provide both tactile and visual feedback and are easily removed for engraving, further assisting the identification of button function. Custom design, finish and capability options further enhance the DPNE series, offering superior choice and functionality.



technical data

Supply

12V DC 20mA from the DyNet network

Front Cover Finishes

Brushed Stainless Steel (standard),
Gold Plated Stainless Steel,
Mirrored Stainless Steel,
Coated Solid Brass,
Powdercoated colours and other metal finishes
available upon request.

Button Colours

Silver (standard), Charcoal Grey, Ivory.

LED Indicators

Red (standard), Green or Blue. Other colours
available on request

Operating Climate

0° to 50°C ambient temperature
0% to 95% RH non condensing

Compliance

CE, C-Tick

Materials

Plate - Stainless Steel or Solid Brass
Button Cap - Metallized ABS plastic

Weight

Packed weight 0.15kg

custom panels

The Dynalite DPNE user control panels are available ex-stock in thirteen standard layouts (see overleaf). Occasionally, the specific requirements of a project call for a panel not found within the standard range. Dynalite DPNE custom panels can be easily designed using any of the following components. Consult your Dynalite dealer for advice.

Keyswitch:

Provides dry contact inputs to the control panel micro-processor board. Commonly used to lock out the functionality of a panel so that only authorised users can access the panel, or a particular function. They are generally used for partition control, panic switches or panel enable/disable.

Mechanical Fader:

Faders are used to control the level of an individual channel, or as a 'master' fader to control an entire room or area. The position of the fader gives a visual indication of the light level. Preset scenes are programmed by adjusting light levels using the faders, then pressing and holding the corresponding scene button for several seconds.

Button Fader:

Provides individual channel level control, combined with the flexibility to allow 'join' of fader panels.

Network Socket:

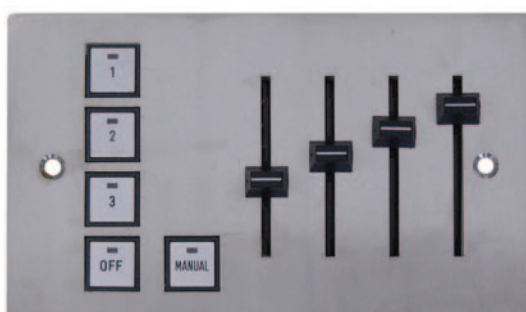
An RJ12 socket that facilitates connection of a computer to the DyNet network.

Infra-Red Input:

Provides the functionality of a wired panel from a handheld remote control, such as the Dynalite DTK500 range, or third party learning IR remotes (available in 8 series panels only - see over).

Engraving:

Panel engraving is used to clarify the functionality of a panel using words or diagrams. Engraving is available in black or white lettering, either on button caps or on the panel fascia. Each button cap can accommodate up to seven characters.



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capability

Capability refers to the functionality of the control panel. DYNALITE user control panels are available in two levels; the 8 Series Configurable and 5 Series Smart panels.

8 Series Configurable	<ul style="list-style-type: none"> • Custom Script • Macros • Multiple DyNet messages • Conditional Logic 	One Touch	Preset	Program	Preset Up/Down	IR Input (optional)	
		On/Off Toggle	Panic	Multifunction Input Interface	Join (multiple rooms)		

8 Series Configurable

The 8 series configurable panel is used in any situation where additional functionality (above that which the 5 series can provide) is required. The power in the 8 series comes from the capability to run sequential and conditional logic routines. 8 series panels are used in more demanding applications such as;

- When describing the lighting control functionality using the words 'if' and/or 'then'
- Complex joining of multi-partitioned rooms
- Controlling light scenes in multiple areas
- Interfacing third-party devices to a DyNet network (multifunction input interface)
- In conjunction with smart faders & keyswitches
- Controlling chase sequences
- Optional Infra-red input

5 Series Smart	<ul style="list-style-type: none"> • Single DyNet message 	One Touch	Preset	Program	Preset Up/Down	
		On/Off Toggle	Panic			

5 Series Smart

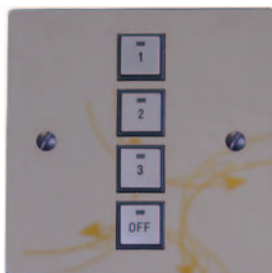
The 5 series smart panel is most commonly specified where a button press has to initiate a one-shot function. This reduces commissioning time, thereby reducing overall installation costs. The standard 5 series functionality can be supplemented to accommodate a user defined need. This is achieved through programming a button press to trigger a macro in another device on the DyNet network to perform the macro. It is used for the following applications:

- Preset scene select for one or multiple areas
- Programming for a single area per control panel
- Control of multiple circuits using one touch buttons
- Where a combination of preset and one touch buttons are required

alternate colours & finishes

The DYNALITE DPNE series user control panels include an extensive designer range of cover, button cap and bezel colour accessories. In addition to the standard brushed stainless steel, cover finishes include; mirrored stainless steel, goldplated stainless steel, coated solid brass and optional powdercoated colours. To complement these finishes, button caps are available in silver, charcoal and ivory and bezels in charcoal grey or ivory, providing a wide range of decor matching capabilities.

Mirrored Stainless Steel



Goldplated Stainless Steel



Antique Brass



Ivory



Silver



Charcoal



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standard panel configurations

Thirteen standard panel layouts are available ex-stock. These panels are supplied with brushed stainless steel fascia, silver button caps, LED window, black bezels and engraving as shown. Selected panels are available with 5 or 8 series capability; see below for details. In addition, over twenty common panels are available as 'make-to-order', with a lead time around one week. See page four for ordering details.

	<p>Panel DPNE308 Function DyNet Network Socket Button: None Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE882D Function Programming & Keyswitch Buttons: 1-4, Up, Down, Off, Program Engraving Plate: Panel Enable/Disable Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE814 or DPNE514 Function On/Off Toggle Button: On/Off Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE881DN Function Preset, Keyswitch, Network Socket Buttons: 1-7, Off Engraving Plate: Panel Enable/Disable Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE821 or DPNE521 Function On, Off Buttons: On, Off Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE8103 Function Preset, Ramp Up, Ramp Down Buttons: 1-7, Off, Up, Down Engraving Plate: Blank Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE841 or DPNE541 Function Preset Buttons: 1-3, Off Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE8121 Function Preset Buttons: 1-11, Off Engraving Plate: Blank Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE863 or DPNE563 Function Preset, Ramp Up, Ramp Down Buttons: 1-3, Off, Up, Down Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE8122 Function Programming Buttons: 1-8, Off, Up, Down, Program Engraving Plate: Blank Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE881 or DPNE581 Function Preset Buttons: 1-7, Off Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>	<p>Panel DPNE8161 Function Preset Buttons: 1-15, Off Engraving Plate: Blank Dimensions H 86mm x W 146mm Wallbox 2 gang</p>	
	<p>Panel DPNE882 or DPNE582 Function Programming Buttons: 1-4, Off, Up, Down, Program Engraving Plate: Blank Dimensions H 86mm x W 86mm Wallbox 1 gang</p>		



DPNE user control panels

panel ordering information

In addition to the standard layout codes provided on page 3, the following non-stock items may be ordered using the corresponding catalogue numbers.

DPNE 8 Series Configurable Non-Stock Panels			
DPNE826	2 Button 2 Room Join Panel	DPNE851F4	5 Button Preset 4 Fader Panel
DPNE808J	0 Button Panel with 2 Room Join Keyswitch	DPNE851F6	5 Button Preset 6 Fader Panel
DPNE808J3	0 Button Panel with 3 Room Join Keyswitch	DPNE851F8	5 Button Preset 8 Fader Panel
DPNE841F1	4 Button Preset Panel with Single Fader	DPNE851F12	5 Button Preset 12 Fader Panel
DPNE841D	4 Button Preset Panel with Panel Enable Keyswitch	DPNE881D	8 Button Preset with Panel Enable Keyswitch
DPNE841N	4 Button Preset Panel with DyNet Socket	DPNE881J	8 Button Preset Panel with 2 Room Join Keyswitch
DPNE841J	4 Button Preset Panel with 2 Room Join Keyswitch	DPNE881J3	8 Button Preset Panel with 3 Room Join Keyswitch
DPNE841J3	4 Button Preset Panel with 3 Room Join Keyswitch	DPNE881N	8 Button Preset Panel with DyNet Socket
DPNE846	4 Button 3 Room Join Panel	DPNE882J	8 Button Program Panel with 2 Room Join Keyswitch
DPNE846D	4 Button 3 Room Join Panel with Disable Keyswitch	DPNE882J3	8 Button Program Panel with 3 Room Join Keyswitch

Stock Engraved Individual Button Caps				
Engraving Detail	Silver with LED	Charcoal Grey with LED	Silver without LED	Charcoal Grey without LED
None (Blank)	900-011	900-009	900-005	900-003
1	270-046	270-026	-	-
2	270-053	270-030	-	-
3	270-054	270-031	-	-
4	270-055	270-032	-	-
5	270-056	270-033	-	-
6	270-057	270-034	-	-
7	270-058	270-035	-	-
8	270-059	270-036	-	-
9	270-060	270-037	-	-
10	270-047	270-027	-	-
11	270-048	-	-	-
12	270-049	-	-	-
13	270-050	-	-	-
14	270-051	-	-	-
15	270-052	-	-	-
▲	270-075	270-044	270-023	270-017
▼	270-067	270-038	270-019	270-013
ON	270-072	270-042	-	-
OFF	270-071	270-041	270-021	270-015
ON/OFF	270-073	-	-	-
MANUAL	270-068	270-039	-	-
DAY	270-066	-	-	-
NIGHT	270-070	-	-	-
SECURITY	270-074	-	-	-
CLEAN	270-065	-	-	-
PROGRAM	-	-	270-022	270-016

Custom Engraved Individual Button Caps. Engraving Details must accompany order - consult your Dynalite Dealer for advice.

Style	Silver	Charcoal Grey	Ivory
with LED window	270-089	270-088	270-092
without LED window	270-087	270-086	270-091

Alternate Finishes	
DPNE***-MS	Mirrored Stainless Steel Finish
DPNE***-GS	Gold Plated Stainless Steel Finish
DPNE***-BS	Coated Solid Brass Finish
DPNE***-PC	Custom Powdercoat Finish - consult your Dynalite Dealer for advice



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