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DPN-SF

Classic Series
User Control Panels

Philips Dynalite DPN-SF 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 bezel 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 DPN 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 plated,
Powdercoated colours and other metal finishes available upon request.

Button Colours
Silver (standard), Charcoal Grey

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

Operating Climate
0º to 50ºC 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 Philips Dynalite DPN-SF user control panels are available ex-stock in 13 standard layouts (see overleaf). Occasionally, the specific requirements of a project call for a panel not found within the standard range. Philips Dynalite DPN-SF custom panels can be easily designed using any of the following components. Consult your Philips 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.

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 the panel fascia. Each button cap can accommodate up to seven characters.

Mirrored Stainless Steel

Gold Plated Stainless Steel

Coated Solid Brass

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functionality

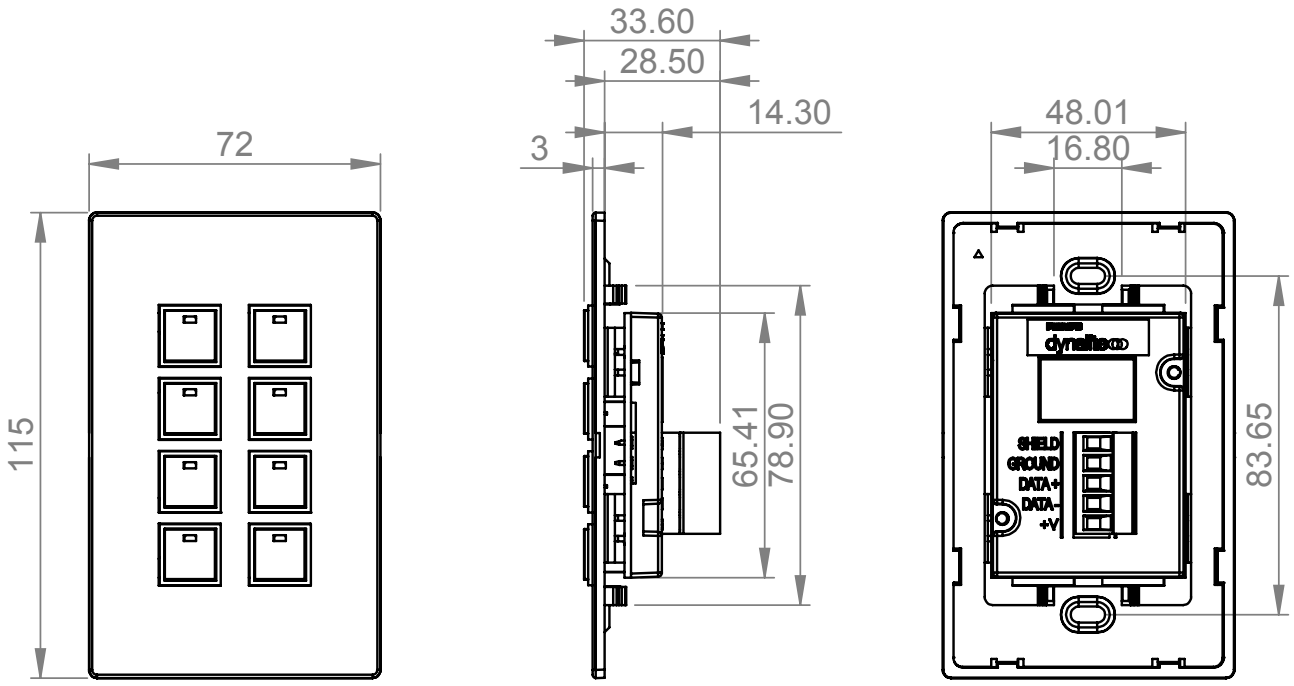
All Philips Dynalite panels use a network protocol called Dynet to communicate with other network devices. This dedicated lighting control protocol allows panels to communicate directly with each other, lighting load controllers and other integration devices. This network architecture is not dependant on a central processor, so there is no single point of network failure and makes for more efficient commissioning of the system features.

Every Philips Dynalite user interface is capable of performing both simple and advanced functions without the need for additional network devices. Each button on the panel has a range of standard control options that can be individually configured to perform features such as toggle lighting on/off, ramp of lighting up/down, changing an area scene and perform virtual room joins. By using these built-in functions end users can take full control of their site.

The Philips Dynalite panel range also supports inbuilt tasking which allows the panels to perform multiple complex functions from the press of a single button. A task triggered from a single button press may be used to affect an entire system changing the lighting scenes in many different areas, initiating a “PANIC” mode or perform some more complex function such as requesting information from other devices like a network timer clock, then sending out the required scene for the particular season.

Tasks can be programmed into the panels during commissioning of the system that allows the end-user to interact with the lighting control system more intuitively and allows one button press to perform multiple functions for true automation.

dimensions



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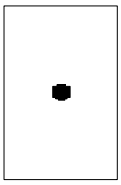
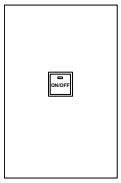
standard panel configurations

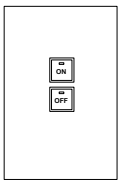
User requirements can shift over time and necessitate changes to or additions of, buttons on an existing panel. Buttons, bezels and covers snap-on, enabling changes to be easily accommodated, without the need for any tools or extra wiring.



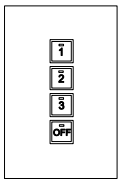
Panel **DPN308N-SF**
Function DyNet Network Socket
Engraving Button: None
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



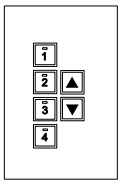
Panel **DPN914-SF**
Function On/Off Toggle
Engraving Button: On/Off
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



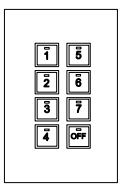
Panel **DPN921-SF**
Function On, Off
Engraving Buttons: On, Off
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



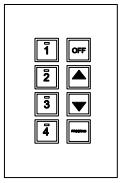
Panel **DPN941-SF**
Function Preset
Engraving Buttons: 1-3, Off
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



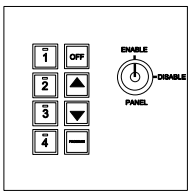
Panel **DPN963-SF**
Function Preset, Ramp Up, Ramp Down
Engraving Buttons: 1-3, Off, Up, Down
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



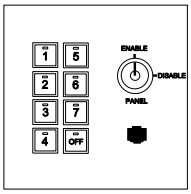
Panel **DPN981-SF**
Function Preset
Engraving Buttons: 1-7, Off
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



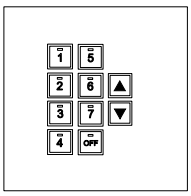
Panel **DPN982-SF**
Function Programming
Engraving Buttons: 1-4, Off, Up, Down, Program
Plate: Blank
Dimensions H 115mm x W 72mm
Wallbox 1 gang



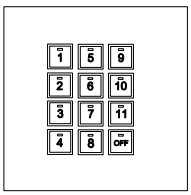
Panel **DPN982D-SF**
Function Programming, Keyswitch
Engraving Buttons: 1-4, Up, Down, Off, Program
Plate: Panel Enable/Disable
Dimensions H 115mm x W 118mm
Wallbox 2 gang



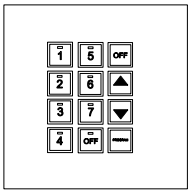
Panel **DPN981DN-SF**
Function Preset, Keyswitch, Network Socket
Engraving Buttons: 1-7, Off
Plate: Panel Enable/Disable
Dimensions H 115mm x W 118mm
Wallbox 2 gang



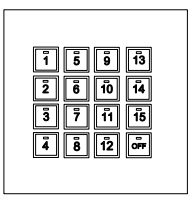
Panel **DPN9103-SF**
Function Preset, Ramp Up, Ramp Down
Engraving Buttons: 1-7, Off, Up, Down
Plate: Blank
Dimensions H 115mm x W 118mm
Wallbox 2 gang



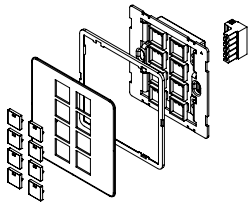
Panel **DPN9121-SF**
Function Preset
Engraving Buttons: 1-11, Off
Plate: Blank
Dimensions H 115mm x W 118mm
Wallbox 2 gang



Panel **DPN9122-SF**
Function Programming
Engraving Buttons: 1-8, Off, Up, Down, Program
Plate: Blank
Dimensions H 115mm x W 118mm
Wallbox 2 gang



Panel **DPN9161-SF**
Function Preset
Engraving Buttons: 1-15, Off
Plate: Blank
Dimensions H 115mm x W 118mm
Wallbox 2 gang



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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..

DPN926-SF	2 Button 2 Room Join Panel	DPN951F4-SF	5 Button Preset 4 Fader Panel
DPN908J-SF	0 Button Panel with 2 Room Join Keyswitch	DPN951F6-SF	5 Button Preset 6 Fader Panel
DPN908J3-SF	0 Button Panel with 3 Room Join Keyswitch	DPN951F8-SF	5 Button Preset 8 Fader Panel
DPN941F1-SF	4 Button Preset Panel with Single Fader	DPN951F12-SF	5 Button Preset 12 Fader Panel
DPN941D-SF	4 Button Preset Panel with Panel Enable Keyswitch	DPN981D-SF	8 Button Preset with Panel Enable Keyswitch
DPN941N-SF	4 Button Preset Panel with DyNet Socket	DPN981J-SF	8 Button Preset Panel with 2 Room Join Keyswitch
DPN941J-SF	4 Button Preset Panel with 2 Room Join Keyswitch	DPN981J3-SF	8 Button Preset Panel with 3 Room Join Keyswitch
DPN941J3-SF	4 Button Preset Panel with 3 Room Join Keyswitch	DPN981N-SF	8 Button Preset Panel with DyNet Socket
DPN946-SF	4 Button 3 Room Join Panel	DPN982J-SF	8 Button Program Panel with 2 Room Join Keyswitch
DPN946D-SF	4 Button 3 Room Join Panel with Disable Keyswitch	DPN982J3-SF	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 Philips Dynalite Dealer for advice.

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

alternate finishes

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

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t +61 2 8338 9899 • f +61 2 8338 9333
www.philips.com/dynalite • info@dynalite-online.com

For further information contact:

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