





# Network Devices & Commissioning Tools

To bring all the different devices together, Philips Dynalite supports a range of network devices that are useful in creating a problem free installation.

## DDNP1501 Network Power Supply

The DDNP1501 is a 15V DC 1.5A regulated power supply, designed to supplement the DyNet network DC supply. The switchmode design allows the device to be used with a wide range of supply voltages without the need for a manual selector setting.

Normally a DyNet network is self-powered by the built-in DC supplies integrated within all mains powered devices. However, in certain applications this supply may need to be supplemented with the DDNP1501 when using peripherals with a high supply requirement, such as edge-lit touchscreens. The

DDNP1501 is housed in a six unit DIN rail mount enclosure that has a circuit breaker profile. This enables the device to be installed in all types of electrical equipment enclosures, including those with cover apertures specifically designed for circuit breakers.



- Supply 110-240V 50/60Hz single phase at 0.25A
- Output 15V DC @ 1.5A (@ 230V supply), 15V DC @ 1.0A (@ 110V supply)
- Self-resetting overload protection, automatic thermal shutdown and short-circuit proof
- DIN rail enclosure (circuit breaker profile), 6 units wide
- Perfect for supplementing DyNet DC supply when using touchpanels
- Dimensions: H 94.5mm x W 105mm x D 75mm
- Packed weight: 0.2kg

## DDPB22RJ12 Network Junction Box

Allowing installers to have onsite flexible networking options, the DDPB22RJ12 allows for the 22 DyNet flat cables of the Philips Dynalite system, to be terminated together in one location. Acting as a junction box, the DDPB22RJ12 takes advantage of the RJ12 connection system allowing for a quick install and use of a network star topology.





## DyNet 305m Data Cable Pack



DyNet data cable is specifically designed for high reliability RS485 network wiring. In addition to a twisted pair for RS485 data, conductors are provided to supply DC power to network powered peripherals. Conductors are shielded for maximum data integrity. The data cable is flexible, as all conductors

are stranded, which also allows for robust termination into pressure plate style terminals used on Philips Dynalite equipment. The extra thick outer jacket is mains rated for use in switchboards and enhances the robustness of the cable. The cable is supplied in 305m lengths.

- Used to create robust Dynalite RS485 networks
- 100MHz 100Ω STP 4 pair CAT5E
- Shielded for maximum data integrity
- Conductors are stranded for easy termination on pressure plate screw terminals
- Outer sheath is 250V rated
- Supplied in 305m rolls
- Carton Dimensions: H 425mm x W 212mm x D 425mm
- Carton weight: 15.0kg

## DyNetSFLAT6 200m Cable Roll and Cable Kits

Flat data cable is specifically designed for high reliability localised network wiring, as found in any lighting control system environment.

In addition to a conductor pair for data, conductors are provided to supply DC power to network powered peripherals.

Conductors have an overall shield for maximum data integrity. The data cable is flexible, as all conductors are stranded.

It is designed for rapid crimp termination into RJ12 plugs for use with Philips Dynalite products with supporting RJ12 sockets.

The cable is supplied in 200m rolls or in pre-crimped leads of 3m, 5m and 10m lengths.



## DTK622-USB

### 485 USB PC Node Adaptor

Providing a useful interface between any PC and the Philips Dynalite system, the DTK622-USB provides complete access to the entire network messages. To be used in conjunction with any of the Philips Dynalite software, this useful tool can be used to commission, diagnose/repair or as a permanent gateway to the system for the head-end software EnvisionProject.

- Used with EnvisionProject software, a PC is able to connect to the Philips Dynalite network
- Supported OS: Windows – 98, ME, 2000, XP
- 1 x RS485 serial port – DyNet, accessible via 2 x paralleled RJ12 sockets
- 1 x USB type B connector; supplied with 1m long USB patchlead
- Powered from the DyNet network
- Dimensions: H 25mm x W 50mm x D 90mm



## DPP601

### Portable Programmer

The DPP601 is a portable, hand-held programmer designed for making programming changes to a Philips Dynalite system without the use of a computer.

DPP601 plugs into any point on the DyNet network and the LCD display will help guide the user step by step through the programming task. Information such as channel, area and preset scene names are automatically uploaded from the network to assist in programming. The DPP601 programmer can copy individual channel levels and preset scene values to reduce set-up time. It can be used in conjunction

with standard control panels to access preset scenes that are not commonly used or that require protection from accidental selection. The DPP601 has an astronomical 365 day timer clock with sunrise/sunset tracking, automatic Daylight Saving adjustment and powerful macro and conditional logic functions. The timer clock interfaces with other devices over the DyNet RS485 network to automate tasks and events.

- Programs & overrides control system
- 122 x 32 pixel backlit LCD display
- Controls 256 areas, each up to 255 channels, 170 presets
- Dimensions: H 79mm x W 143mm x D 25mm
- Packed weight: 0.427kg