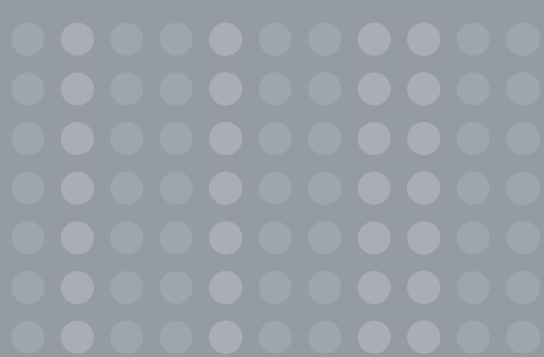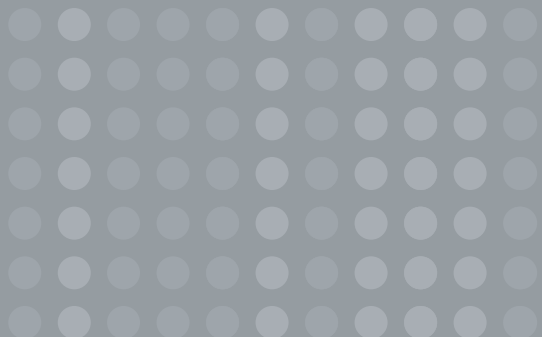# dynalite

lighting control • network integration • user interfaces

homeautomationproducts

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DDMC802
Multi-purpose controller

Dynalite's DDMC802 heralds a new wave in intelligent design. Developed specifically for the residential automation market, the eight-channel device provides a range of control technologies; leading edge and trailing edge dimming, switched on/off relay control, ballast control, fan control and curtain control.

The contemporary housing design allows for greater heat dissipation, reducing stress on internal components, increasing product longevity and providing greater load capacity. This allows the DDMC802 to be used for a wider variety of applications and reduces the overall number of devices required on a project.

The removable font panel provides device reset, channel override and programming capability without removal of the switchboard cover and subsequent exposure of electrical wiring. The result is a unit that is easier to service, reset and reprogram.

Available module cards:

- DDLM102 1 x 2A leading edge phase control module, suitable for incandescent lamps and some types of dimmable electronic transformers
- DDLM104 1 x 4A leading edge phase control module
- DDTM102 1 x 2A trailing edge phase control module, suitable for use with most types of dimmable electronic transformers
- DDRM104 1 x 4A relay module, suitable for switched loads
- DDBM100 1 channel ballast module, suitable for controlling DALI, DSI & 1-10V ballasts and transformers (a relay module must be paired with a HF ballast module when controlling 1-10V ballasts)
- DDCM102 1 channel x 2A SPDT curtain control
- DDFM102 1 channel 400VA fan control

DDLE802
Leading edge dimmer

The DDLE802 is an eight channel leading edge dimmer with a maximum load per channel of 2 amps. This cost effective dimmer is suitable for use with incandescent, low voltage, neon, and selected fluorescent fixtures. It is ideal for use in residential and hotel room applications, where small loads are typical.

Relay controllers

A wide range of relay controllers provides switched control of equipment such as electric gates, louvres, projection screens, air-conditioning, irrigation and floor heating.

The DDRC810 incorporates common supply SPST output relays for ON/OFF control of all types of mains-rated equipment. The DDRC810DT incorporates voltage-free changeover SPDT output relays, making it ideal for controlling bi-directional motors, such as curtain motors. Both devices have optional timeclock features, providing full 365 timeclock features and bypass switches (on/off/auto) for each channel.

The heavy-duty DDRC420FR, DDRC820FR and DDRC1220FR-GL relay controllers feature a feed through power circuit design, electrically equivalent to a 4, 8 or 12 pole contactor, with the additional advantage of each pole being separately controllable.

The possibilities are endless; control lighting, blinds, curtains, fans, air-conditioning and more. To see the complete range of Dynalite products, request a copy of the Dynalite Control Products Catalogue, or view it at dynalite-online.com.

Our broad range of integration products provides vendor-independent options. Connect easily to third party equipment and systems to create a complete automation solution.
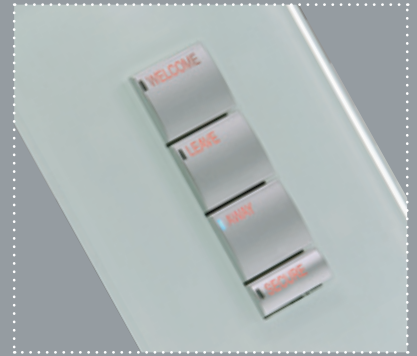
Dynalite devices are readily integrated with third-party systems to create a complete control or automation solution.

DDMIDC8
Multifunction input interface

The DDMIDC8 enables third party systems, such as security and air-conditioning, to integrate with the Dynalite network. It provides a cost-effective integration option for control of sensors, switches and pressure mats on a DyNet network and incorporates a programmable logic controller that can process comprehensive conditional and sequential logic functions.

DIR-TX8
Infra-red transmitter

Comprising 8 independent outputs, tahe DIR-TX8 is suitable for control of all types of infra-red devices. PC software is used to program the DIR-TX8 with common IR codes from the supplied library and the device contains an integral IR receiver to learn and save previously unknown IR codes.

DNG232
Serial port interface

Used primarily for integration with AV systems and home theatre components, the DNG232 serial port interface is available in three mounting configurations; Wall mount as standard, Din Rail mount (DDNG232) and Modular (DMNG232) versions.

DNG100BT
10/100 base T Ethernet interface

The DNG100BT supports the TCP/IP protocol, with static or DHCP assigned IP addressing, providing integration between Dynalite and Ethernet. The DNG100BT contains an integral webserver, which allows browser-based control scenarios, providing whole-home control via devices including internet enabled PDAs and phones, wireless routers and IP AV equipment. Also available in Din Rail mount (DDNG100BT) and Modular (DMNG100BT) versions.

DDNG485
DyNet network gateway

In larger residential applications, the DDNG485 provides a flexible network communications gateway. The two opto-isolated RS485 ports enable the DDNG485 to implement a trunk and spur topology, with the device providing a high-speed backbone opto coupled to many lower speed spurs. A library of data formats is available for the systems intergrator to choose from or, alternatively, a format can be created using the on-board conditional logic engine to assemble, transmit and receive by using user-defined data strings. Also available in wall mount version (DNG485).

user interfaces 〉〉〉

No matter how powerful the system, if it's difficult to use, it's not a 'smart' home. The Dynalite range of user controls provides an intuitive interface and is completely 'customisable' to match any interior.
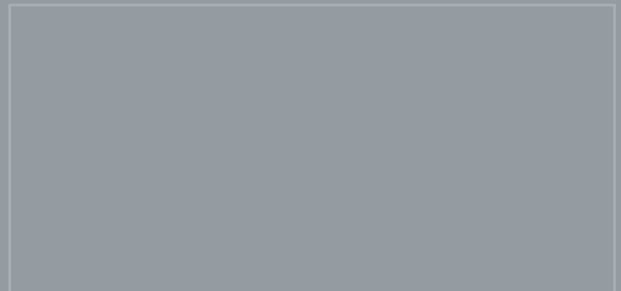
revolution
Wall panels

Revolution panels provide the ultimate user interface solution by delivering complete aesthetic and functional flexibility. The innovative clip-on cover and button depth adjustment facility accommodates covers of practically any architectural surface medium; glass, stone, steel, laminate…the choices are endless.

revolution
Colour touchscreens

Dynalite Revolution touchscreens incorporate the Windows CE operating system and display graphics are easily created using standard HTML authoring tools, such as FrontPage or Dreamweaver, providing complete design flexibility of custom user pages. Utilising the same cover fastening system as the Revolution wall panels, a choice of facia colour options provides a match with any décor.

For more information, please contact

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