



# Sophisticated yet simple energy-efficient lighting control solutions

## Dynalite Signal Dimmer Controllers

The Dynalite range of Signal Dimmer Controllers, have been engineered to meet the future demands of projects. They are capable of transmitting all industry standard driver protocols (1-10V, DSI, DALI and Broadcast DALI) and support two ranges of install opportunities of both DIN-rail and wall box, to allow for flexible install opportunities. The Signal Dimmer Controller range also support a vast range of driver controllers with a variety of circuit numbers and sizes to work individually or as part of a system, suiting any project requirement.

### Benefits

- Multiple protocols supported
- Options available
- Inbuilt diagnostic functionality

### Application

- Retail and Hospitality, Office and Industry
- Public spaces, Stadiums and multi-purpose Event Centers
- Residential

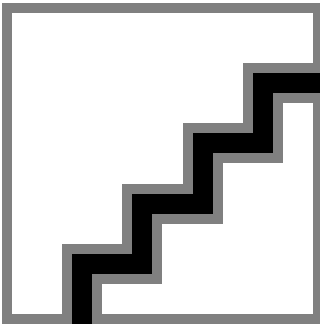
# Dynalite Signal Dimmer Controllers

## Versions

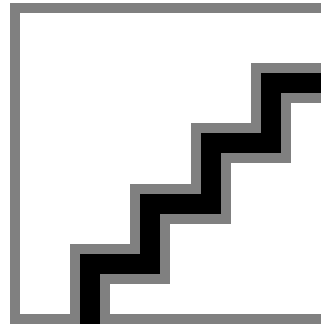
DMBC110



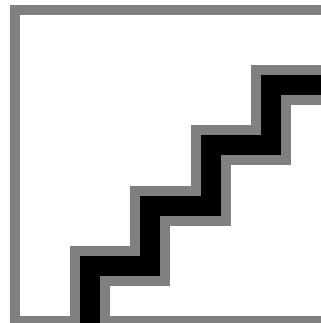
The DDBC300-DALI is designed for cost-effective control of DALI high frequency fluorescent ballasts, providing 3 full DALI universes comprising 192 DALI channels. Direct DALI to DyNet mapping means that the DALI-imposed limits, such as the maximum of 16 groups, are seamlessly overcome. The device is DIN rail mountable and designed to be installed in a switchboard next to the circuit breaker that is supplying power to the controlled lighting circuit. The DDBC300-DALI contains an integrated DALI bus power supply, removing the need for an additional external device.



The DDBC320-DALI is designed to provide cost-effective control of DALI high frequency fluorescent ballasts. It has three DALI outputs, allowing it to control up to 192 DALI devices. The DALI control signals can be programmed to operate in tandem with the three internal switched outputs, which will automatically isolate the power circuit when all associated DALI channels are at 0%. This feature is useful for energy savings applications, as DALI ballasts draw a significant amount of power when the lamps are turned off via a DALI command. Direct DALI to DyNet mapping means that the DALI imposed limits, such as the maximum of 16 groups, are seamlessly overcome. The device is DIN rail mountable and designed to be installed in a switchboard next to the circuit breakers supplying power to the controlled lighting circuits. The DDBC320-DALI contains an integrated DALI bus power supply, removing the need for an additional external device.



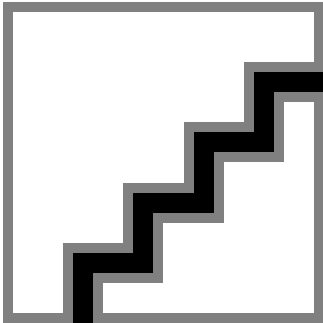
DDBC516-FR-DALI 5 x 16A Signal Dimmer Controller



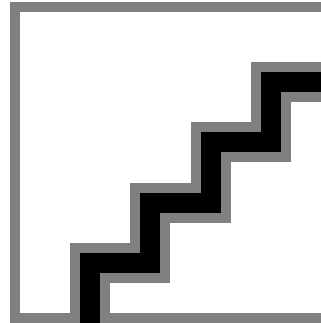
The DBC1210 & DBC1220GL are designed for use with DALI, 1-10V and DSI electronic dimmable fluorescent ballasts and transformers. They have 12 x 10A and 12 x 20A relay outputs respectively for switching fluorescent lighting or other loads in a DyNet energy management system. Twelve control outputs, selectable to DALI broadcast, 1-10V and DSI, are provided for controlling HF ballasts.

# Dynalite Signal Dimmer Controllers

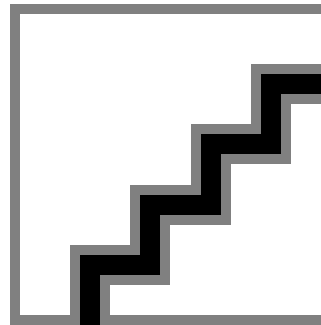
## Versions



The DBC1220GL & DBC1210 are designed for use with DALI, 1-10V and DSI electronic dimmable fluorescent ballasts and transformers. They have 12 x 10A and 12 x 20A relay outputs respectively for switching fluorescent lighting or other loads in a DyNet energy management system. Twelve control outputs, selectable to DALI broadcast, 1-10V and DSI, are provided for controlling HF ballasts.



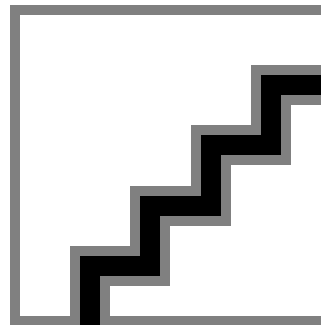
DDBC1200



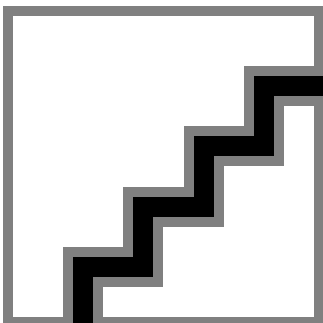
DDBC120-DALI

## Product details

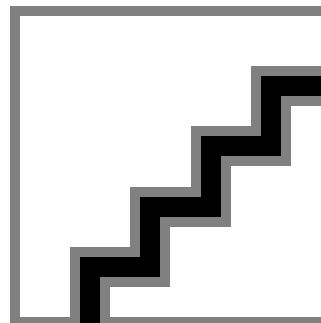
Detail photo of the DMBC110



Front of the DDBC300-DALI 3 x DALI Driver Controller



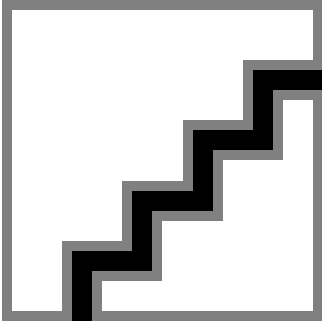
Front of the DDBC320-DALI 3 x 20A DALI Driver Controller



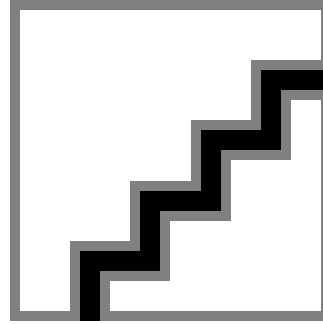
Front of the DDBC516FR 5 x 16A Signal Dimmer Controller

# Dynalite Signal Dimmer Controllers

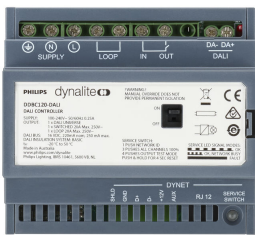
## Product details



Front of the DBC1210 12 x 10A  
Signal Dimmer Controller



Front of the DBC1220GL 12 x 20A  
Signal Dimmer Controller



DDBC120-DALI MultiMaster DALI  
Driver Controller

