

SET-DAC

Area Controller

set square
energy saving controls



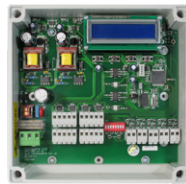
Side



Back



Internal



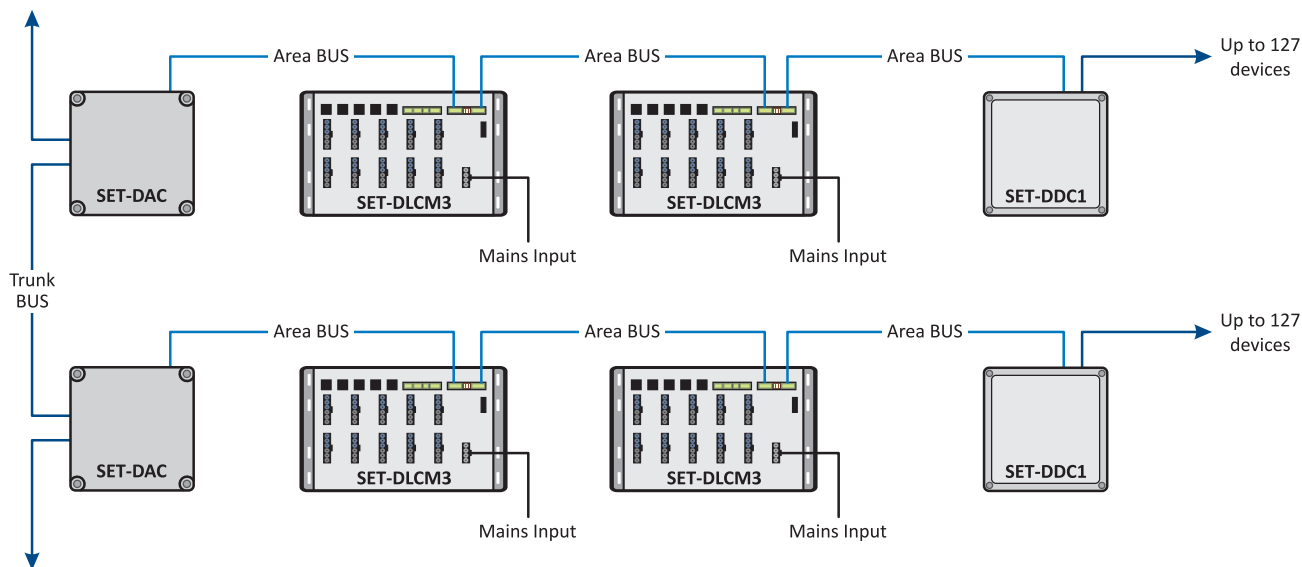
A SET-DAC is used when central control over multiple floors is required or if a single system exceeds 127 LCM's. This allows the system to be ultimately scalable up to 65,000 devices. The SET-DAC has a built in calendar based time clock and five programmable contacts allowing manual or automated central control of features in the Daylux system. For example a single manual key switch could initiate an emergency battery test throughout the building or, on detection of a fire a contact from the fire alarm could switch the entire buildings lighting to 100% brightness and lock out any manual control, aiding access from the building.

Key Features

- » Network addressable area controller.
- » 4 x RS485 Network ports.
- » Each network port supports 127 Daylux devices (508 per DAC).
- » Scalable to 65,000 Daylux devices.
- » Enables central manual or automatic control of building.
- » Allows connection of multiple floors (trunk and spur topology).
- » 5 x Dry contact programmable inputs.
- » LCD Display.
- » Real time clock.
- » Calendar based timed events and scheduling.
- » Mode Lighting products are guaranteed for two years.



System Architecture



Technical Data

Inputs	
Mains Supply	» 230v AC 50/60hz single phase
Mains Input Connector	» Hard wired terminal. Live, Neutral, Earth » 5 x Volt Free contact switch inputs, programmable.
Outputs	
Area Bus Network	» Four x RS485 bus connections. Maximum 127 x Setsquare devices per connection.
Mechanical	
Dimensions	» L=180mm x W=180mm x D=78mm
Material	» Grey Polycarbonate
Weight	» 700g
Operating Temperature	» 0-40°C
IP rating	» IP65 (if IP rated cable glands are used for installation)
Product Codes	
SET-DAC	» Hard Wired Area Controller

Works With

Product Codes	Description
SET-DLCM3	» Pluggable Lighting Control Module
SET-DLCM5	» Pluggable Lighting Control Module
SET-DDC1	» Hard Wired Lighting Control Module
SET-DDC2	» Hard Wired Lighting Control Module
SET-DDC4	» Hard Wired Lighting Control Module

