

SET-DAC

Area Controller



Side



Back



Internal



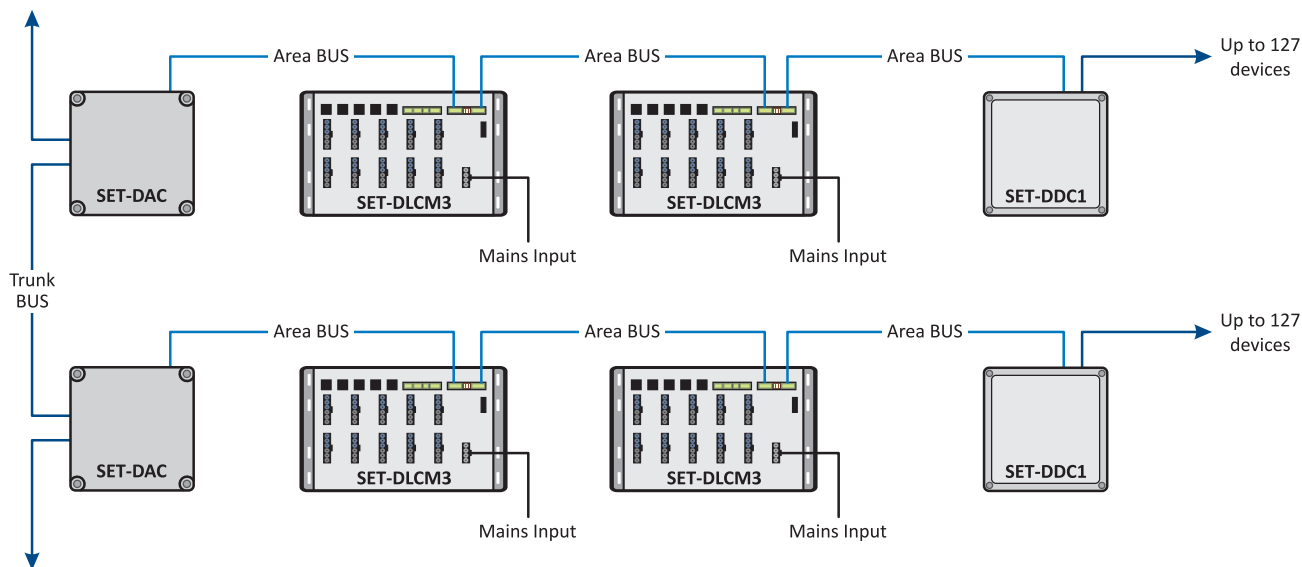
A SET-DAC is used when central control over multiple floors is required or if a single system exceeds 127 LCM's. This allows the system to be ultimately scalable up to 65,000 devices. The SET-DAC has a built in calendar based time clock and five programmable contacts allowing manual or automated central 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 |

