

GC001 Group Controller

Group control for up to hundreds of fixtures

Specifications

SPECTRUM	n/a - controller
CONTROL CHANNELS	4
COVERAGE	Up to 100 fixtures per controller
DIMMING	Controls light output 0-100% per channel; up to 4 channels per fixture group



Key features

- Up to 100 fixtures per controller, daisy-chained outlet to inlet over RJ12 — no per-fixture wiring back to a panel.
- Four channels per group: full spectrum, UV, 730nm far-red and cool white, each set independently — enough to drive the three-channel TF and TR fixtures with headroom.
- Three scheduled periods per 24 hours, each with its own output percentage.
- Sunrise and sunset ramps, settable from 1 to 60 minutes with a defined starting percentage — no hard on/off step at lights-on.
- Live temperature, humidity and VPD on screen from dedicated T and T+RH probes.
- Temperature and dehumidifier safety control — output responds to room conditions rather than running blind.
- Four preset scene modes: Seedling, Growth, Early Flower, Late Flower.
- Colour touchscreen with a 3.74" × 2.16" active area, and RS485-1 / RS485-2 ports alongside the 0-10V RJ12 output.