

Stellar Mini Panel 4 & 8

Dimming Systems

Once upon a time, the playing field of users who could benefit from energy-efficient dimming systems looked the same: large facilities, like hotels, restaurants, and houses of worship. People who wanted to dim offices, small restaurants, and other small areas had to settle for wallbox dimmers. The Stellar Mini Panel came and changed all that. With up to eight 15-amp Mini Dimmers designed for projects with light loads and low dimmer counts, the playing field just got a lot bigger.



SMP 4 - interior



SMP 4 - enclosure

- Offices, conference rooms, boardrooms, media rooms
- Small restaurants, cafés, bars
- Lobbies, lounges
- Condos, suites
- Game rooms, living rooms, kitchens
- Museums, art galleries, showrooms, displays
- Retail stores
- Retrofits

Mini Panel

- Up to four (SMP 4) or eight (SMP 8) miniature 15-amp universal dimmers
- Lightweight (12 pounds maximum) and easy to install
- Convenient for small applications that require dimming
- Fits easily in electrical closets
- Convectional cooling with no fans or moving parts
- Switched-hot outputs for reconfiguration of dimmers as non-dim relays
- UL 1472 compliant

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Dimming Systems



SMP 8 - interior



SMP 8 - enclosure

Mini Dimmer Modules

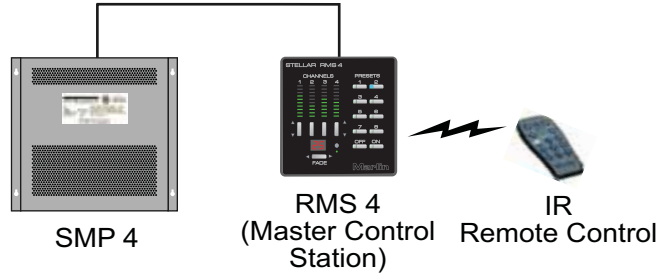
- Handles incandescent, neon/cold cathode lighting, ceiling fans, and line voltage dimmable fluorescent ballasts
- Handles 0-10 VDC and 3-12 VDC dimmable electronic fluorescent ballasts (optional)
- Store and recall ten presets, with unique fade rates for each preset
- Reverts to the last active preset in case of a power failure
- 100% duty cycle, 99% efficiency
- Air-gap relay for positive off
- Flash memory permanently backs up presets
- Diagnostic LED indicator for online/off-line status
- No minimum load required

User-Configurable Dimmer Options

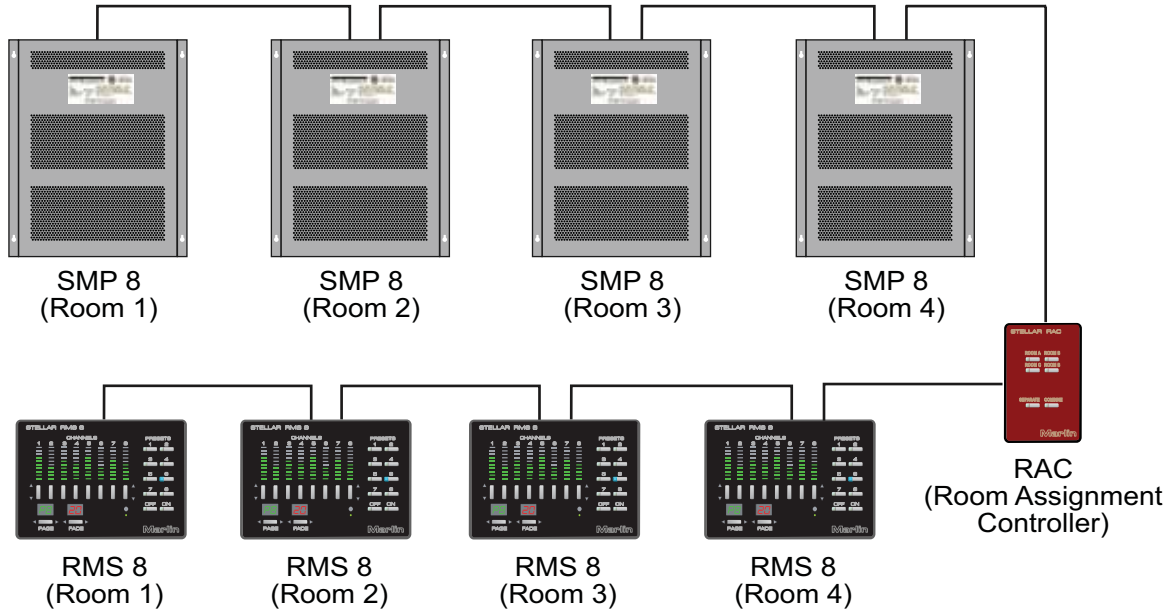
- Configurable as an on/off switching relay
- Low-end cutoff prevents lamp flicker at low light levels
- Master/slave settings for grouping dimmers into a single zone

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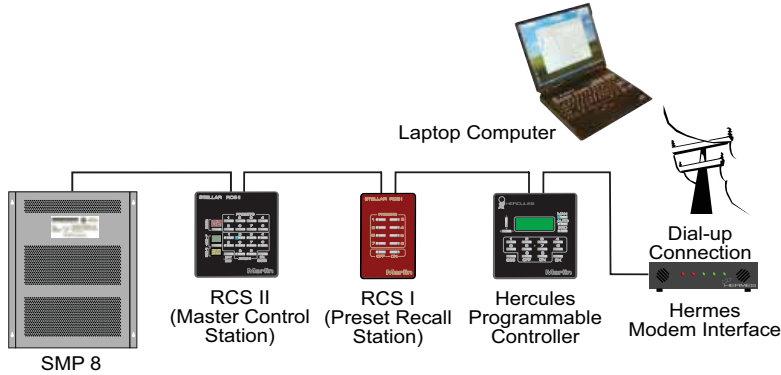
SMP 4, RMS 4 four-zone master control station with built-in infrared receiver, and handheld infrared remote



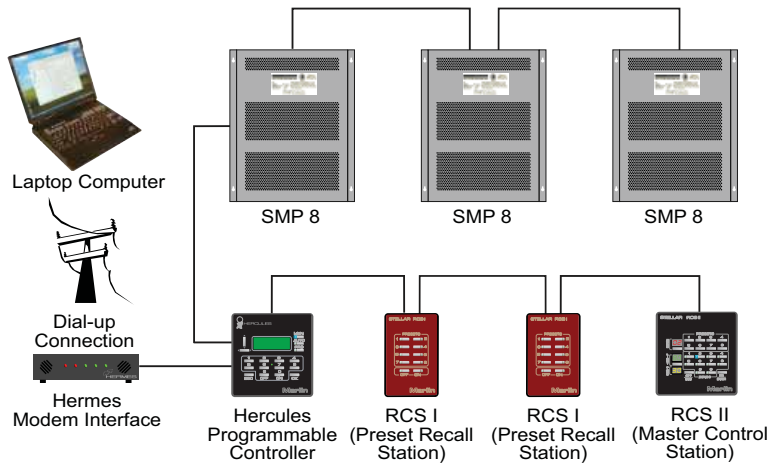
Partitioned-Room Setup with 8-zone Room Master Controllers

Partitioned-room setup with four SMP 8s, RAC room assignment controller (up to eight rooms possible), and an RMS 8 eight-zone master control station in each room

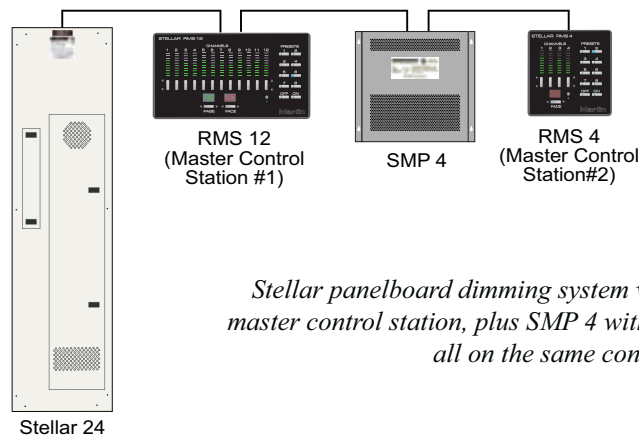
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SMP 8, RCS II master control station, RCS I remote preset station, Hercules time clock, and the Hermes modem interface for dial-up programming and control



Three SMP 8s (24 mini-dimmers total) with RCS II master control station, Hercules time clock, two RCS I remote preset recall stations, and the Hermes modem interface



Stellar panelboard dimming system with 24 dimmers and RMS 12 master control station, plus SMP 4 with RMS 4 master control station, all on the same control network

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Dimming Systems

Mini Panel Specifications

Dimmer module quantity	SMP 4 (small panel): 1 to 4 SMP 8 (large panel): 5 to 8
Enclosure dimensions	SMP 4: 11.25" W x 11.25" H x 5.00" D SMP 8: 11.25" W x 16.25" H x 5.00" D
Weight (fully loaded)	SMP 4: 7.5 lbs. SMP 8: 12.0 lbs.
Input voltage	120 VAC (standard); 240 VAC, 277 VAC optional
Enclosure	Type 1, 14-gauge steel with hammertone gray lead-free powder-coated finish; black anodized subplate
Mounting	Surface mount with four keyhole mounts
Non-dim circuits	Three (standard); additional circuits can be substituted for dimmers as needed
Control interface	RS-485
Certification	ANSI/UL 1472, CSA STD C.22 No. 184.1-96
Cooling	Convectional, with perforated cover and dimmer heat sinks
Wiring	SMP 4: four 1" knockouts at top SMP 8: five 1" knockouts at top
Ambient temperature	0 °F to 122 °F
Operating temperature	70 °F to 155 °F For indoor installation only

Mini Dimmer Specifications

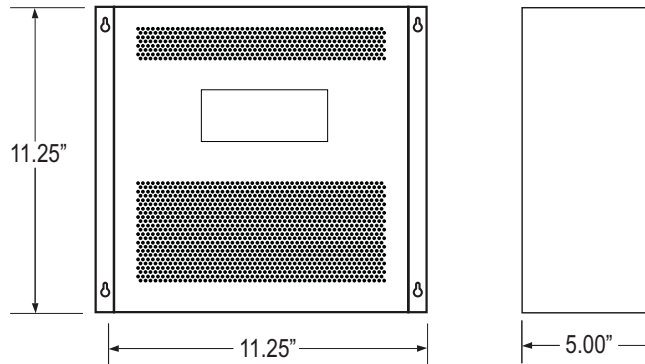
Compatible loads	Incandescent, fluorescent (Advance Mark X), low voltage, cold cathode, ceiling fans; 0-10 VDC or 3-12 VDC electronic fluorescent dimming ballasts (optional)
Maximum load capacity	1800 W
Minimum load	0 W
Dimmer rating	15 A
Efficiency rating	99.9%
Duty cycle	100%
Power regulation device	Triac (standard); dual SCR or power MOSFET optional
Low-end cutoff	0% to 45%, configurable in 5% increments
Addressing	Eight-bit dip switch
Number of presets	10, one fade rate per preset
Cooling	Black anodized heat sink
Relay rating	15 A

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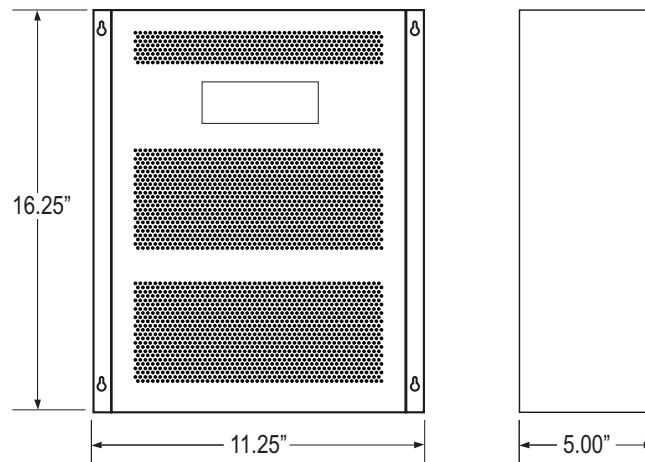
Category

Dimming Systems

Dimensions

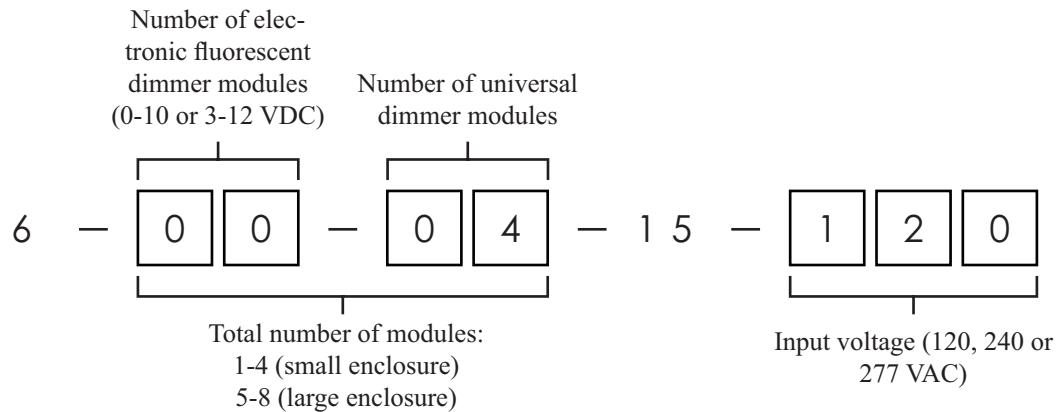


SMP 4 - dimensions



SMP 8 - dimensions

Part Numbers



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