

SC LIGHT COMMANDER

MULTI-ZONE LIGHTING CONTROLLER



DESCRIPTION

The Shadow-Caster® **Light Commander** is an NMEA2000 connected lighting controller based on the newly published NMEA2000 lighting control standards. Utilization of NMEA2000 lighting standards enable “next level” implementation of lighting control and marine system integration and system interoperability. The expandable SC-Light Commander multi-zone lighting controller supports up to 6 zones of lighting per module with native support for 4 zones of RGB or RGBW lights. The lighting controller supports programs including multiple color fade, music sync and color rotation. The light commander comes in a fully sealed IP67 housing, with backlit logo design.

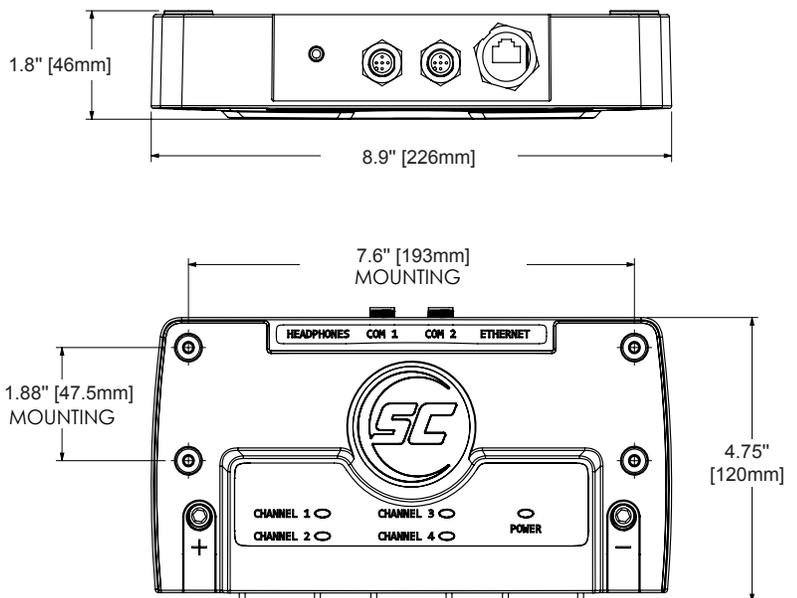
FEATURES

- NMEA2000 Backbone or MFD Network Port Connectivity
- IP67 Water resistant rated housing with waterproof connections
- All in one design, no need for a separate MFD communication bridge
- Deutsch style IP67 rated connections, for clean OEM installations
- “Digitally fused” over current protection circuits, 15amps/channel (X4)
- Up to 6 separate zones of lighting control - expandable to 18 zones by connecting multiple units
- 6 “Instant ON” switch inputs for enabling lights without MFD control
- Support for RGB and RGBW lighting
- Optional wireless connectivity for control from a mobile device
- Backlit logo and zone indicator LEDs to indicate functions and operation
- Built in 3.5mm female audio port and microphone for music sync input

SPECIFICATIONS

- Enclosure: 8.9" (226mm) X 4.75" (120mm) x 1.8" (46mm)
- IP67 rated enclosure
- Power: Supports over 600 watts of RGB lighting and virtually limitless Shadow-NET® connected modules
- 15 amps per zone, 60 amps max
- 10 to 30V input range
- Direct 3.5mm female audio input or built in microphone for music synchronization
- Optional Wi-Fi/Bluetooth connectivity to support Shadow-Caster Light Commander Mobile app
- Music sync created by onboard DSP (Digital Signal Processing)
- Shadow-Net® bus allows system expandability
- Digital power protection set at 15amps/channel
- Built in switch inputs for instant on lighting for each zone
- Global control for all lighting
- 24-bit color support and gamma correction for universal color support

LIGHT COMMANDER



Designed & Manufactured in Clearwater, FL

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INTERFACING TO THE SHADOW-CASTER LIGHT COMMANDER

The SCM-LIGHT COMMANDER N2K connects via NMEA2000 to supporting MFDs. The NMEA protocols and interface will allow you to label zones, assign devices to zones, and configure lighting sequence programs. To utilize Shadow-Caster®'s mobile application or to connect through a network port move up to the **SCM-Light Commander Plus**. This will provide additional network support both connected and through Wi-Fi and bluetooth. For expanding a current system, or compatibility with a keypad remote or current MFD bridge, use the SCM-Light Commander SC-NET®

SCM-ZC-REMOTE



Use Shadow-Caster®'s backlit Zone Controller keypad (SCM-ZC-REMOTE®) with the SCM-Light Commander-SC-NET® to instantly control 4 zones of lighting through a backlit keypad.

NMEA2000



With the release of industry standardized NMEA2000 lighting control protocols, plug and play lighting controller compatibility is here. Simply connect to the NMEA2000 backbone, SCM-Light Commander N2K or Light Commander Plus

NETWORK INTERFACE



Connect to your compatible MFD and utilize Shadow-Caster®'s custom lighting interface to create lighting scenes, customize and name zones, and assign devices to zones. Compatible with Garmin, Simrad, Lowrance, B&G, Raymarine, and Furuno. **SCM-Light Commander Plus**

CELL PHONE APP COMPATIBLE



Install Shadow-Caster®'s custom Android app to seamlessly switch control from your Network MFD, NMEA200 interface to your mobile device. Create and manage your library of lighting scenes and lights. **SCM-Light Commander Plus**

MULTI ZONE LIGHTING CONTROLLER PART NUMBER OPTIONS

SCM-LIGHT COMMANDER N2K	NMEA2000 LIGHT CONTROLLER	
SCM- LIGHT COMMANDER +	NMEA2000, NETWORK AND WIRELESS CONNECTIVITY	
SCM-LIGHT COMMANDER SCNET	EXPANDABLE SC-NET LIGHT CONTROLLER	



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