LIGHT COMMANDER NMEA 2000

MULTI-ZONE LIGHTING CONTROLLER

shadow-caster ™
LED LIGHTING

▶ DESCRIPTION

The Shadow-Caster™ Light Commander is an NMEA 2000 connected lighting controller based on the published NMEA 2000 lighting control standards. Utilization of NMEA 2000 lighting standards enable "next level" implementation of lighting control, 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.
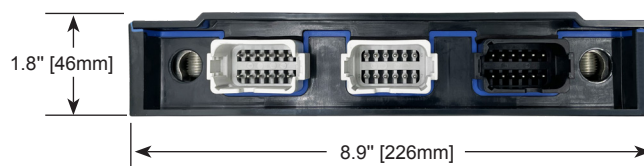
▶ FEATURES

- NMEA 2000 Backbone or MFD Network Port Connectivity
- IP67 Water resistant 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
- Electronic Over Current Protection, 15amps/channel (X4)
- Up to 6 separate zones of lighting control - expandable to 18 zones by connecting additional SCM-LC-SCNET modules
- 6 "Instant ON" momentary switch inputs for enabling lights without MFD control
- Support for RGB and RGBW lighting
- Optional wireless connectivity for control from a mobile device (SCM-LC-N2K-PLUS version)
- 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 RGB(W) zone, 60 amps max
- 10 to 30V input range
- Direct 3.5mm female audio input for music synchronization
- Music sync created by on board DSP (Digital Signal Processing)
- Shadow-NET™ bus allows system expandability
- 24-bit color support and gamma correction for universal color support

LIGHT COMMANDER

1.8" [46mm]

8.9" [226mm]

7.6" [193mm] MOUNTING

1.88" [47.5mm] MOUNTING

4.75" [120mm]

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▶ INTERFACING TO THE SHADOW-CASTER LIGHT COMMANDER

The Light Commander connects via NMEA 2000 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 upgrade 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

⌀3.6" [92mm]

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.

NMEA 2000

With the release of industry standardized NMEA 2000 lighting control protocols, plug and play lighting controller compatibility is here. Simply connect to the NMEA 2000 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

MULTI ZONE LIGHTING CONTROLLER PART NUMBER OPTIONS		
SCM-LC-N2K	MULTI ZONE LIGHTING CONTROLLER FOR NMEA 2000 ONLY CONNECTIVITY	SC
SCM-LC-N2K-PLUS	MFD MULTI ZONE LIGHTING CONTROLLER FOR NMEA 2000 CONNECTIVITY AND ETHERNET CONNECTIVITY WITH INTEGRATED HTML INTERFACE	SC
SCM-LC-N2K-PLUS-V2	MULTI ZONE LIGHTING CONTROLLER FOR NMEA 2000 CONNECTIVITY AND ETHERNET CONNECTIVITY WITH INTEGRATED HTML INTERFACE, AND WIFI BLUETOOTH FOR APP CONTROL	SC

Designed & Manufactured in Clearwater, FL
MADE IN USA
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COMPATIBILITY AND CABLE REQUIREMENTS		
MANUFACTURER	OPTIONAL IP67 SHADOW-CASTER CABLE	REQUIRED CABLE FROM MANUFACTURER
GARMIN	SCM-MFD-Cable-Garmin	PN: 010-10550-00 (6ft Cable)
		Opt: 010-10551-00 (20ft Cable)
		Opt: 010-10552-00 (40ft Cable)
		PN: 010-10580-10 Isolator
SIMRAD	SCM-MFD-Cable-Navico	PN: 000-14552-001 (1.5m Cable)
LOWRANCE	SCM-MFD-Cable-Navico	PN: 000-14552-001 (1.5m Cable)
B&G	SCM-MFD-Cable-Navico	PN: 000-14552-001 (1.5m Cable)
Raymarine	————	PN: A80247 (2m Cable)
FURUNO	————	————
HUMMINBIRD	————	PN: 760032-1

NOTE: Limitations and exclusions may still apply to compatibility.