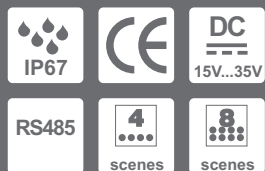


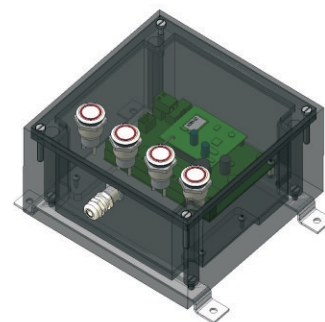
Control Units

CL-CP1-xx

Features



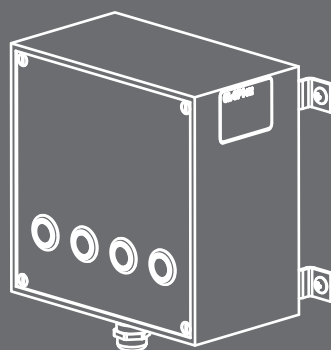
Light scenes Control Unit series "CP"



The **Cave Lighting™** light scenes Control Unit series **CL-CP1-xx** is specially designed to control the LED lamp network for lighting applications at show caves and other outdoor applications.

The Scenes Control Unit sends the commands to LED lamp controllers for changing light scenes, which are stored inside memory of that controllers. The Scenes Control Unit could be mounted at the accessible for operating place. The guide manually over local buttons could change the light scenes. The functionality of each button could be flexible programmed.

Specification



HOUSING

Waterproof solid rubber housing black color with stainless steel mounting brackets. Protected for weather and corrosion resistant.

IP ratingup to IP67

POWER SUPPLY

Power supplyDC 15V...35V
Current consumption 0.1A max

CONTROLS

Number of illuminated push-buttons 4 / 8
Stored light scenes 4096

INTERFACE

Base interfaceRS485
Optional interface modules RF-modem 433 MHz
RF-receiver
Communication protocol Cave Lighting™ protocol

CONNECTION

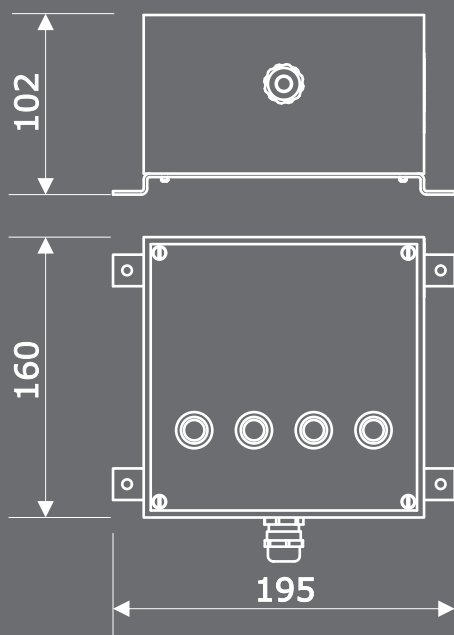
Cable glands metal PG11
Cable connection plug-in
terminal blocks
5.0 mm

OPERATING CONDITIONS

Temperature -25°C...+45°C
Humidity..... 100%

MECHANICAL

Dimensions, mm 195x160x102
Weight 1.3 kg
Fixing hole diameter 4x 5,5 mm



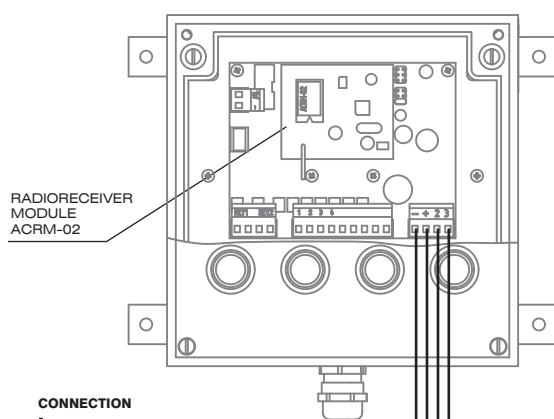
Light scenes Control Unit series "CP"

Modifications / Order codes

Order code	Push-buttons	ACRM-02 module (Note)
CL-CP1-01	4	
CL-CP1-02	4	●
CL-CP1-03	8	
CL-CP1-04	8	●

NOTE: Radioreceiver module ACRM-02 used for receiving signals from radio remote control

Electrical connection

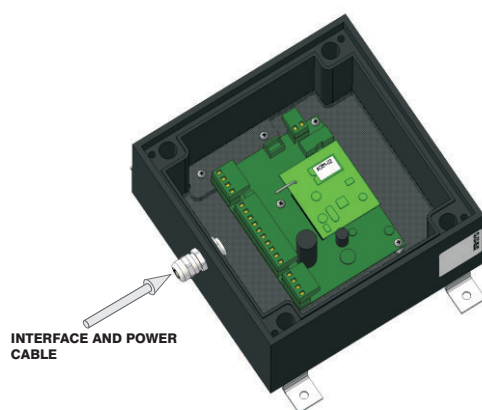


CONNECTION

Pin	Signal
1	-DC output
2	+DC output
3	RS485_A
4	RS485_B

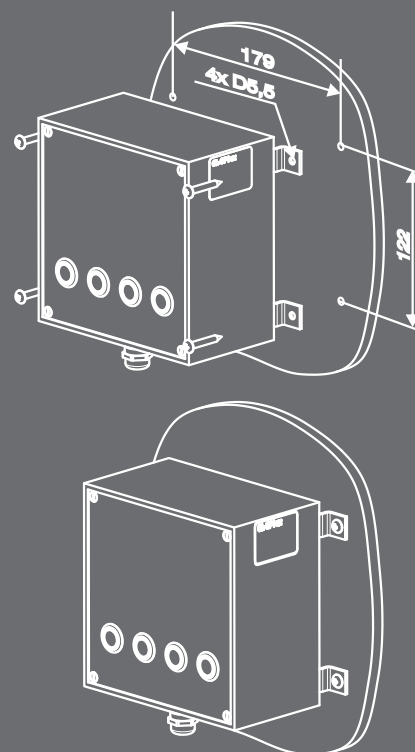
to the power supply and interface

Cables installation



Cable	Cable-seal	Diameter
INTERFACE POWER	Pg11 / M20	6...12 mm

Mounting



Controlling and configuring software



Photo gallery

