



# Cable remote for MC-xx

## Instruction Manual

### Models:

**CMCseries:**

**CMC-12, CMC-8, CMC-4**

**CMC-12L, CMC-8L, CMC-4L**

**CMC-12N, CMC-8N, CMC-4N**

**version 4 – SIL3 E-stop since 4/2013**

### **ATTENTION!**

This instruction manual contains important information about the installation and the use of the equipment. Please read and follow these instructions carefully. Always ensure that the power to the equipment is disconnected before opening the equipment or commencing any maintenance work.

# 1. Safety information

## **IMPORTANT INSTRUCTIONS**

All safety and operating instructions should be read before the equipment is installed or operated.

## **IMPORTANT SAFETY INFORMATION**

The following general safety precautions have to be observed during all phases of operation, service, and the repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and the intended use of this equipment.

### ***Do not operate in an explosive atmosphere!***

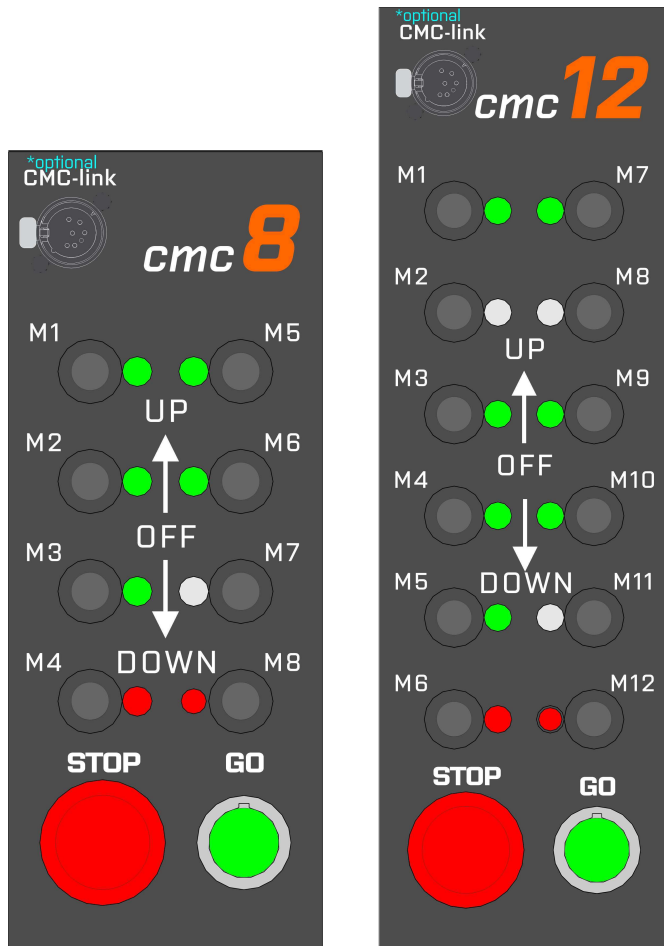
Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

### ***Water, moisture, heat and humidity***

Do not operate this equipment near water or in areas with wet floors or in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

## 2. CMC remote

CMCseries controller allows controlling of the MCseries device via cable connection. Standard length of cable is 10m. Longer cables are possible on request. There is also CMC-EC as cable extension with various lengths or CMC-EB box available for extension of cable for special purposes.



### STOP:

This switch protects the base unit from undesired operation and turns the MCseries controller to an inactive state. Stop is a red color button. Once the STOP button has been pressed, it locks into an inactive position and must be rotated clockwise and released before disengaging.

### GO:

This green pushbutton turns the selected channels of Hoist Control system ON when it is active. Once the GO button has been depressed, the energizing of the hoists is turned off. The GO button lights green when one or more direction switches are active /in up or down position/.

### DIRECTION SWITCHES:

They allow changing the direction of movement for each motor/hoist separately or in groups.

### LINK CONNECTOR \*optional:

CMC can be equipped with optional 7-pin female connector for linking of CMC controllers together. Any CMC-4L, CMC-8L or CMC-12L controller can be linked. Both GO and STOP buttons will be linked together.

**When the CMC-xxL unit is not being used in the link mode, it must be equipped with a 7-pin dummy plug with a short circuit between pins 1 and 6.**

## 3. Connector description

### 3.1 Remote connector

Amphenol DS3102A28-21S

Pin	Function	CMC12A	CMC8A
1	M1 down	X	X
2	M1 up	V	V
3	M2 down	c	c
4	M2 up	d	d
5	M3 down	b	b
6	M3 up	h	h
7	M4 down	j	j
8	M4 up	k	k
9	M5 down	e	e
10	M5 up	Z	Z
11	M6 down	W	W
12	M6 up	L	L
13	M7 down	K	K
14	M7 up	U	U
15	M8 down	m	m
16	M8 up	f	f
17	M9 down	R	-
18	M9 up	P	-
19	M10 down	N	-
20	M10 up	M	-
21	M11 down	F	-
22	M11 up	E	-
23	M12 down	T	-
24	M12 up	S	-
25	Contactora ON	a	a
26	AC1 24V	g	g
27	AC1 24V	n	n
28	AC1 24V	p	p
29	AC2 24V	r	r
30	GROUND	s	s



## 3.2 Housing:

- 2mm AlMg3 housing with gray powder coating
- 3mm AlMg3 protection of switches

## 3.3 Dimensions /W x D x H/:

CMC12: 107 x 330 x 105 mm

CMC8: 107 x 260 x 105 mm

CMC4: 107 x 192 x 105 mm

## 4. Warranty

CMCseries hoist controller remote is covered by a 2-year manufacturer's warranty. For extended warranty conditions please contact the manufacturer at [sales@srslight.com](mailto:sales@srslight.com).

Warranty covers the original factory installed components of the controller and their correct functioning.

Warranty voids if any part or replacement components are installed or modified without authorization from the manufacturer and/or the internal circuit is tampered or modified and/or the controller is operated outside normal use conditions – electrical power supply does not conform or there is a connection error or mechanical damage of controller, including the overload and improper use.

The manufacturer always helps you with repairing your unit.

## 5. Declaration of conformity

### DECLARATION OF CONFORMITY

According to guide lines 89/336 EEC and 92/31 EEC, 90/337 CEE Annex II A:

**Name of producer:** SRS Light Design s.r.o.

**Address of producer:** Rybnicna 36/D, SK- 83106 Bratislava, Slovak Republic  
[www.srslight.com/](http://www.srslight.com/) [sales@srslight.com](mailto:sales@srslight.com), +421244681417

*Declares that the product*

**Name of product: CMCseries** hoist controller remote: CMC4, CMC8, CMC12 + variants

#### Types:

CMC-4, CMC-8, CMC-12	: Cable remote with 10m cable and without link
CMC-4L, CMC-8L, CMC-12L	: Cable remote with 10m cable and with link
CMC-4N, CMC-8N, CMC-12N	: Cable remote with detachable cable and with link

*Corresponds with following harmonized standards:*

**Safety:** EN 60065  
EN 60950  
EN 60204-1  
EN 13850  
EN 12100-2  
EN 62061 – SIL3  
EN 13849 PL "e"

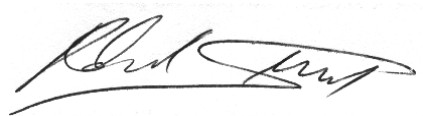
**EMC:** EN55103-1, resp. EN55103-2

**And**

*Is in compliance with following requirements:*

**Machinery directive:** 2006/42/EC  
**Low Voltage directive:** 2006/95/EC

Bratislava, May 4, 2011



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