LROC-800 Room Controller

Installation instructions

Instructions de montage
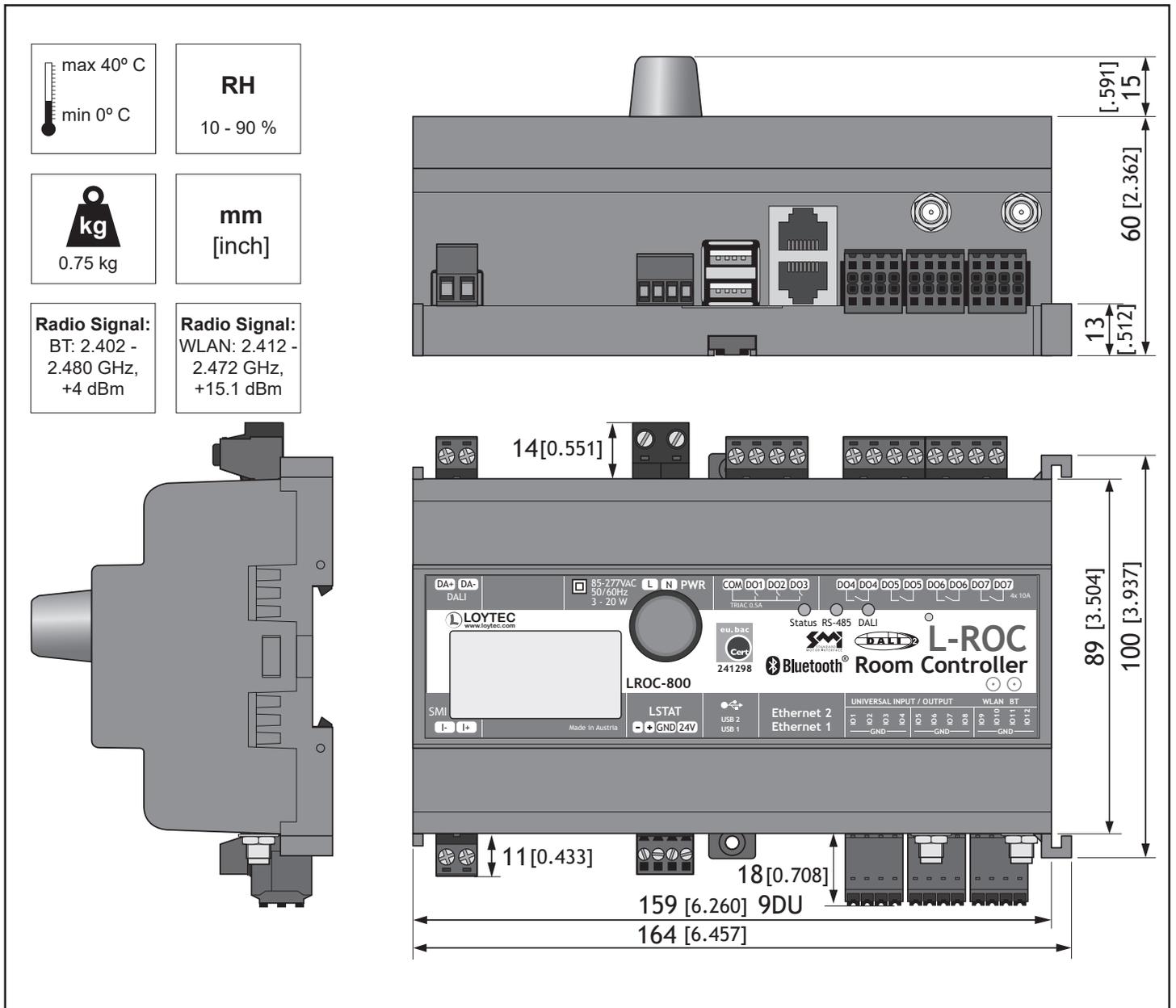
Instruzioni di montaggio

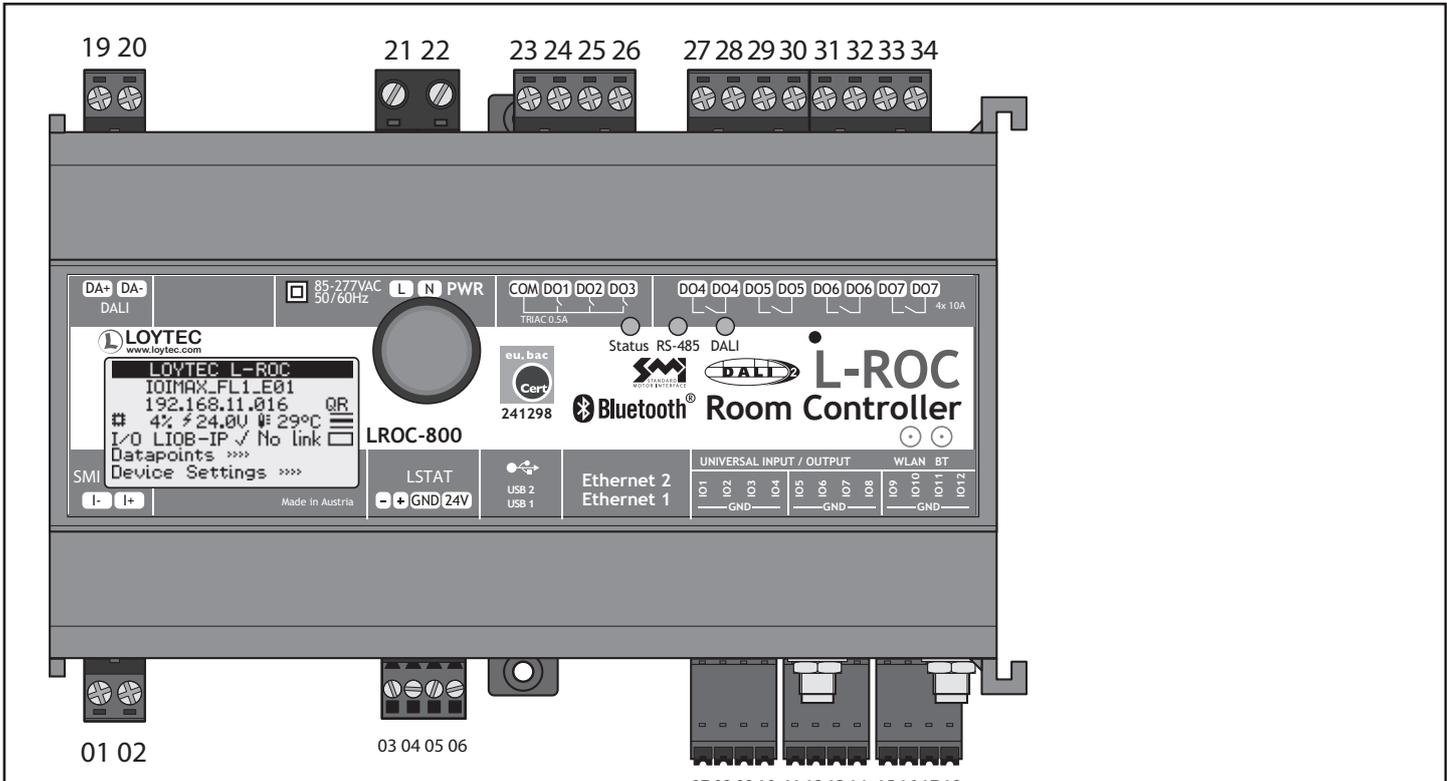Montageanweisung

Instrucciones de montaje

Montagevoorschrift

Monteringsanvisning

max 40º C
min 0º C

RH
10 - 90 %

kg
0.75 kg

mm
[inch]

Radio Signal:
BT: 2.402 - 2.480 GHz, +4 dBm

Radio Signal:
WLAN: 2.412 - 2.472 GHz, +15.1 dBm

15 [.591]
60 [2.362]
13 [.512]

14 [0.551]

DA+ DA-
DALI

85-277VAC 50/60Hz 3 - 20 W

L N PWR

COM DO1 DO2 DO3
TRIAC 0.5A

DO4 DO4 DO5 DO5 DO6 DO6 DO7 DO7
4x 10A

LOYTEC
www.loytec.com

eu.bac Cert
241298

Status RS-485 DALI

SMI
DALI 2
Bluetooth® **Room Controller**

L-ROC

LROC-800

Made in Austria

SMI
I- I+

LSTAT
- + GND 24V

USB 2
USB 1

Ethernet 2
Ethernet 1

UNIVERSAL INPUT / OUTPUT

WLAN BT

IO1 IO2 IO3 IO4
GND

IO5 IO6 IO7 IO8
GND

IO9 IO10 IO11 IO12
GND

89 [3.504]
100 [3.937]

11 [0.433]

18 [0.708]

159 [6.260] 9DU

164 [6.457]

The device must only be operated with the provided antenna(s).

The L-ROC Room Controller device diagram with labeled connectors (19 20, 21 22, 23 24 25 26, 27 28 29 30 31 32 33 34 on top; 01 02, 03 04 05 06, 07 08 09 10 11 12 13 14 15 16 17 18 on bottom).

Device display shows:
```
LOYTEC L-ROC
IOIMAX_FL1_E01
192.168.11.016      QR
#   4% ⚡24.0V 🌡29°C
I/O LIOB-IP √ No link
Datapoints
Device Settings  »»»»
```
LROC-800

BUTTONS	
RESET	Reset Button
DIAL	Turn-and-Push Dial

STATUS LED	
OFF	Unconfigured
GREEN	In Operation
ORANGE	In Manual / Override mode
RED	Error
FLASHING	Traffic

CONNECTORS			
SMI (high voltage)	01	I -	
	02	I+	
L-STAT (RS-485)	03	-	
	04	+	
	05	GND	
	06	24V (50mA)	
		TOP	**BOTTOM**
UNIVERSAL INPUT / OUTPUT	07	IO1 (U,R)	GND
	08	IO2 (U,R)	GND
	09	IO3 (U,R)	GND
	10	IO4 (U,R)	GND
	11	IO5 (U,R)	GND
	12	IO6 (U,R)	GND
	13	IO7 (U,R)	GND
	14	IO8 (U,R)	GND
	15	IO9 (U,R)	GND
	16	IO10 (U,R)	GND
	17	IO11 (U,R)	GND
	18	IO12 (U,R)	GND
DALI	19	DA+	
	20	DA-	
Power Input 85-277 VAC 50 - 60Hz	21	L	
	22	N	

OUTPUT TRIAC 0.5A	23	Output Common
	24	Output DO1
	25	Output DO2
	26	Output DO3
DIGITAL OUTPUT RELAY 4x 10A	27	Output DO4
	28	Output DO4
	29	Output DO5
	30	Output DO5
	31	Output DO6
	32	Output DO6
	33	Output DO7
	34	Output DO7

Please update the firmware of the device first, see www.loytec.com/support/download
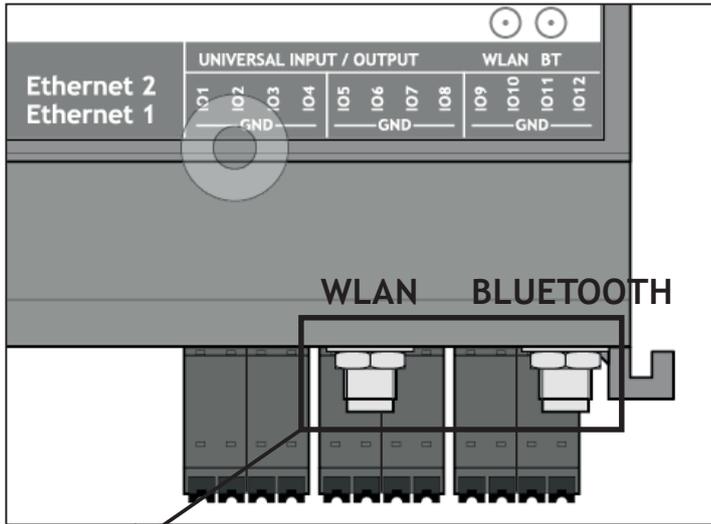
DHCP: ON
User: admin

2 poles:
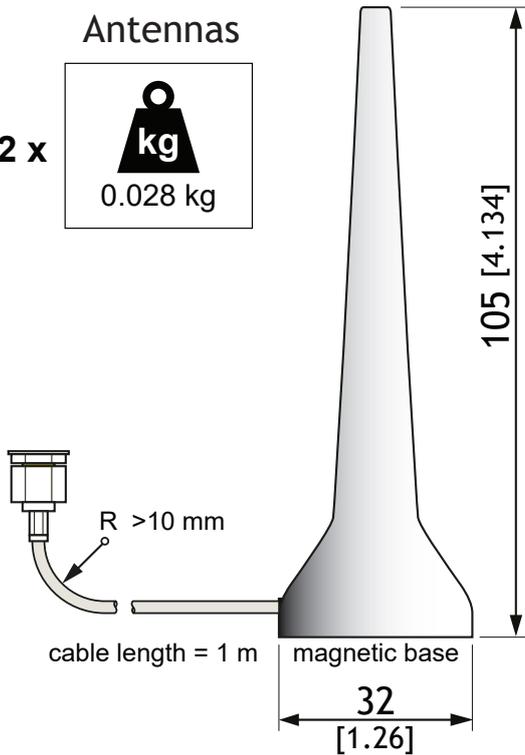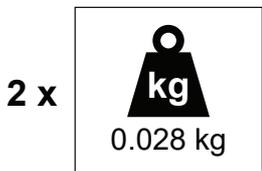Weidmüller BLZP 5.08/02/180
Sauro CIF020070N

4 poles:
Weidmüller BLZP 5.08/04/180
Weidmüller BL 3.50/04/180 SN OR BX
Weidmüller B2CF 3.50/04/180

Weidmüller BL 3.5
0.2 - 1.5 mm^2
6

Weidmüller BLZP 5.08
0.2 - 2.5 mm^2
7

4.5 lb-in/0.5 Nm

Weidmüller B2CF 3.50/04/180
0.14 - 1.5 mm^2
AWG26-AWG16
10

Sauro CIF020070N
7.62   18.4
15.5
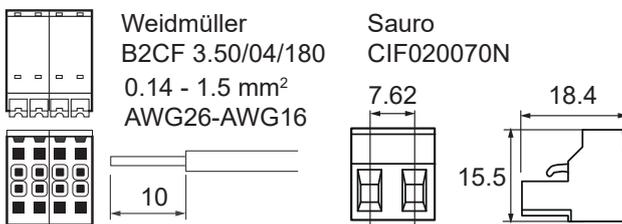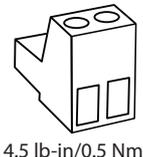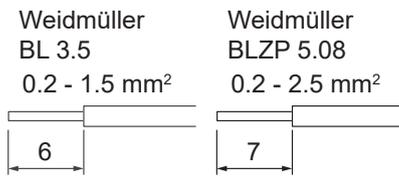
U: 0-10V input or 0-10V output, I: 4-20 mA input, R: resistance measurement
License Notice: This product contains components covered by the GPL and LGPL.
Details on device Web UI or http://loytec.com/os/

UNIVERSAL INPUT / OUTPUT   WLAN BT

Ethernet 2
Ethernet 1

IO1 IO2 IO3 IO4   IO5 IO6 IO7 IO8   IO9 IO10 IO11 IO12
GND   GND   GND

WLAN   BLUETOOTH

Antennas

2 x

kg
0.028 kg

105 [4.134]

R >10 mm

cable length = 1 m   magnetic base

32
[1.26]

2x Antenna 2.4 GHz
Order Number: 61006601

LOYTEC
A Delta Group Company

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