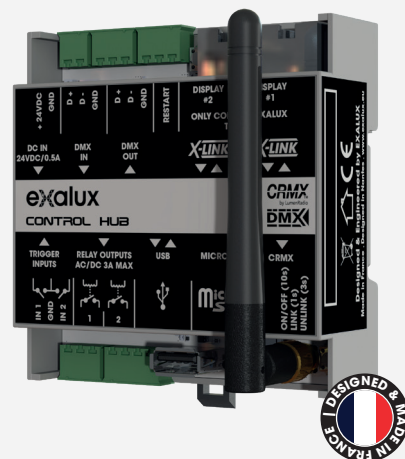




CONTROL HUB

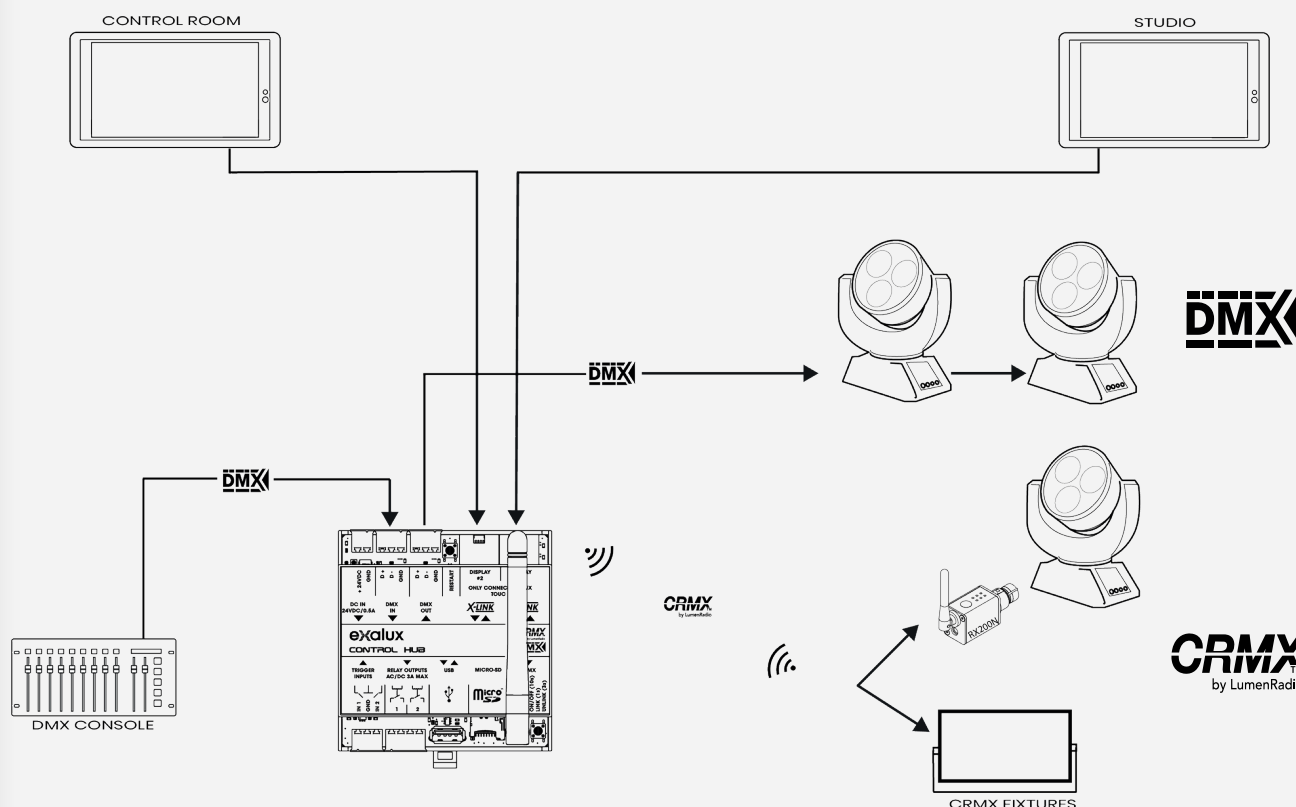
EXALUX™ CONTROL HUB is the core of the CONTROL TOUCH system. The HUB powers and manages up to two CONTROL HMI 5" controllers.



CONTROL HUB is a connection box which operates to centralise the information coming from the different inputs and needed to control the lighting projectors.

The lighting fixtures are connected to the HUB through wired or wireless (CRMX™ by LumenRadio™) DMX link.

Furthermore, CONTROL HUB can manage hardware controls such as wall switches and relays.



PARTS & ACCESSORIES

CONTROL HUB UNIT	CTL.003.001
DIRECTIONAL ANTENNA	ACC.000.011
DIN RAIL POWER SUPPLY	PSU.001.021

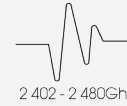
Wireless with Exalux's DNA
CRMX by LumenRadio™ inside
DMX512 compliant
1 universe / 512 channels



Reliability & freedom
Rugged and compact design
Internal antenna
DMX fidelity without any latency

ABOUT CRMX BY LUMEN RADIO™

Based on LumenRadio™ CRMX technology, EXALUX™ CONTROL HUB brings **DMX fidelity without any latency**. CRMX by LumenRadio™ patented Cognitive Coexistence technology allows our wireless solutions to ensure optimum performance even when other wireless systems are operating in the same area.



TECHNICAL SPECIFICATIONS

Mounting	DIN rail
Power Consumption	5W (with one HMI5") 7W (with two HMI5")
Housing / construction	ABS-PC
IP Rating	IP2X
Certifications	CE, RoHS
Weight	125g

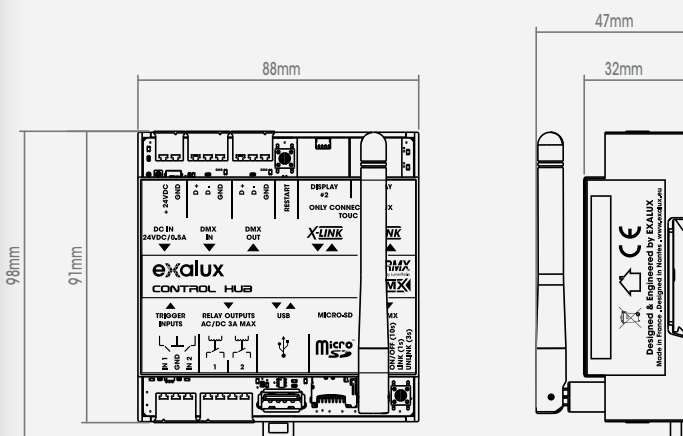
RADIO INTERFACE

Standard / Technology	CRMX by LumenRadio™
Frequency	2.402 ~ 2.480 GHz
Antenna	External, 2.4GHZ 2.0dBi
RF Output	20 dBm (100mW)
RF Modulation	GFSK
Range	Up to 500m (depending on the receivers and the environment)

OPERATING CONDITIONS

	Min	Typ	Max	
Input Voltage	V_{in}	22,0	24,0	26,0 Vdc
Storage T°	Tst	-10	+65	°C
Operating T°	Top	-10	25	+55 °C

DIMENSIONS



INPUTS AND OUTPUTS

Power	2 position terminal block (3.81)
DMX in/out	3 position terminal block (3.81)
Triggers in	3 position terminal block (3.81)
Relay out	4 position terminal block (3.81)
Wireless	SMA-Female
USB Port	USB A
SD card	MicroSD

DMX INTERFACE

Protocol	DMX512-A
Universe support	1
DMX frame rate	0,8-830Hz
End to end latency	< 5ms

