



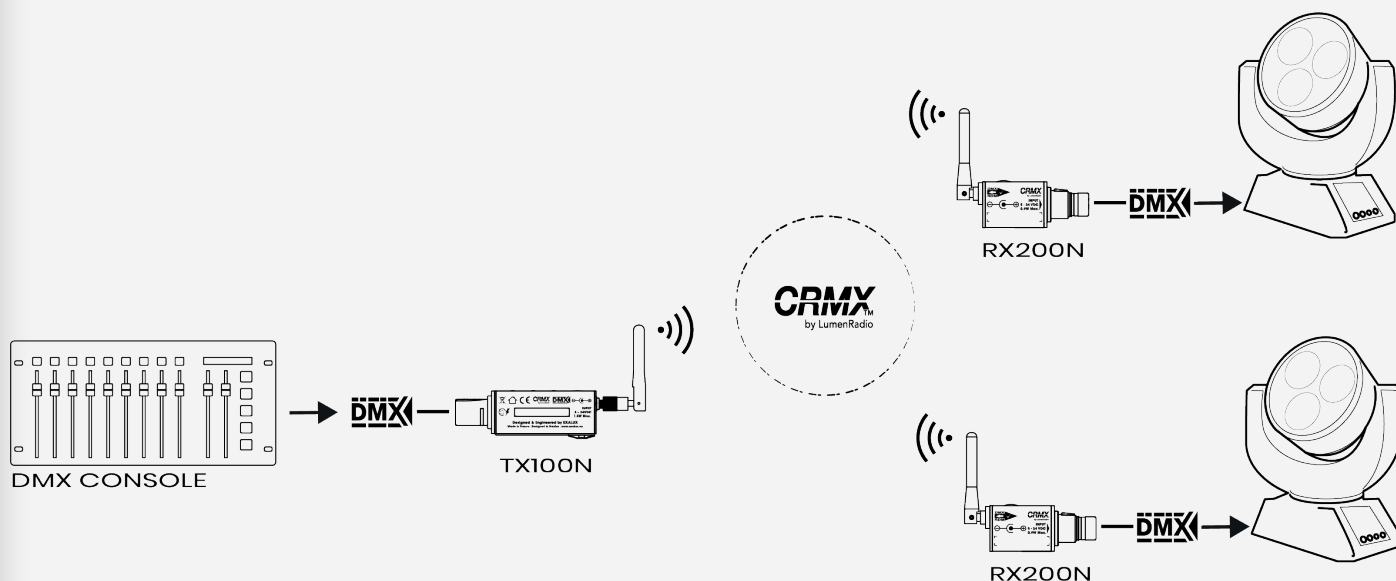
CONNECT TX100N

EXALUX™ CONNECT TX100N is a professional wireless DMX transmitter based on LumenRadio™ CRMX technology.



CONNECT TX100N CRMX transmitter works perfectly with the EXALUX™ CONNECT CRMX family such as RX100, RX100S, RX200. It also works perfectly with other CRMX devices available on the market.

Thanks to its wide supply range (+5 to 28VDC), the dongle can be powered through the USB connector of a DMX fixture, a Vlock battery through the D-TAP connector or any external PSU.



CONNECT TX100N features the new PoD (Power over DMX) technology that makes it possible to be directly powered through the XLR connector without the need for an external power supply. To take advantage of this feature, the TX100N must be connected to a PoD-compliant equipment.

PARTS & ACCESSORIES

TX100N BASIC	CNT.001.005
DIRECTIONAL ANTENNA	ACC.000.012
D-TAP TO DC JACK CABLE	COR.001.025
USB-A TO DC JACK CABLE	COR.001.026

Wireless with Exalux's DNA

CRMX by LumenRadio™ inside
DMX512 compliant
1 universe / 512 channels



User-centric

Wide supply range
Power over DMX (PoD)



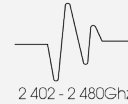
Reliability & freedom

Rugged and compact design
Internal antenna
DMX fidelity without any latency

ABOUT CRMX BY LUMEN RADIO™

Based on LumenRadio™ CRMX technology, EXALUX™ CONNECT TX100N 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

Power Connection	2.1x5.5MM DC jack
Interface	Link/Unlink (switch), Power, DMX, Status (LED)
Power Consumption	1.5W
Housing / Mounting	Aluminium / M10
IP Rating	IP30
Certifications	CE, RoHS
Weight	185g

RADIO INTERFACE

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

DMX INTERFACE

Protocol	DMX512-A
Universe Support	1
DMX Frame Rate	0,8-830Hz
End to End Latency	< 5ms
DMX Input	Neutrik XLR 5 pins Male

OPERATING CONDITIONS

	Min	Typ	Max	
Input Voltage	4,75	24,0	28.0	VDC
Storage T°	-20		+75	°C
Operating T°	-10	25	+55	°C

DIMENSIONS

