



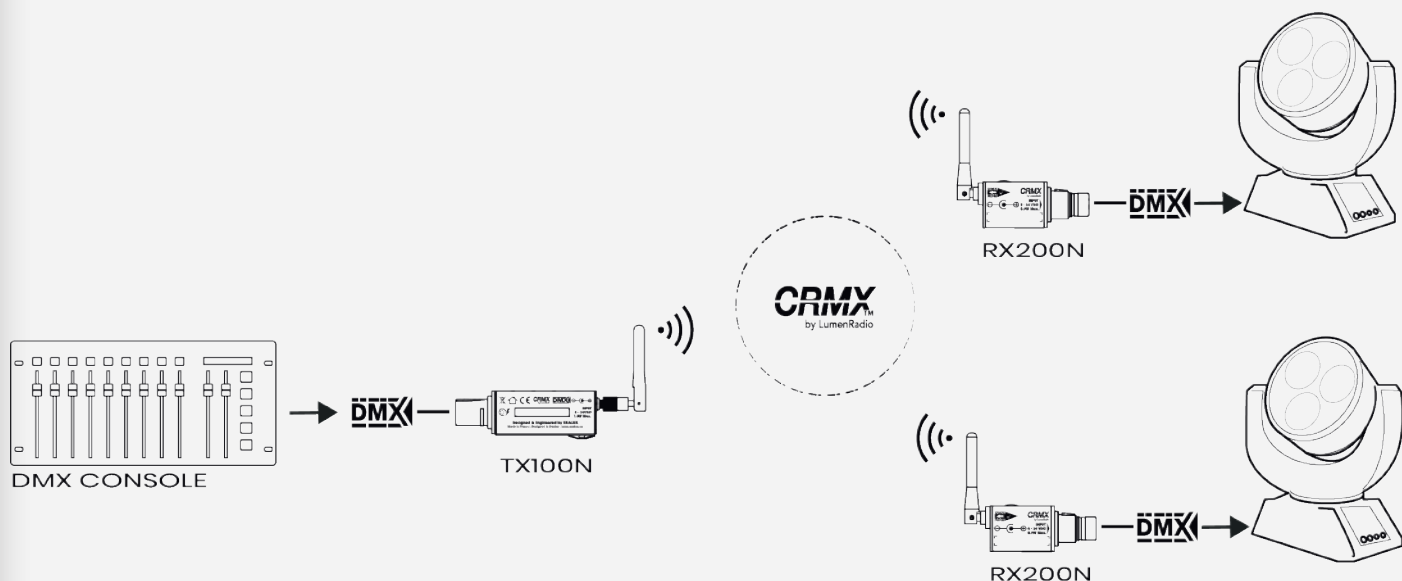
# CONNECT TX100N

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

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

## RADIO INTERFACE

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

## DMX INTERFACE

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

## OPERATING CONDITIONS

	Min	Typ	Max	
<b>Input Voltage</b>	4,75	24,0	28,0	VDC
<b>Storage T°</b>	-20		+75	°C
<b>Operating T°</b>	-10	25	+55	°C

## DIMENSIONS

