



# CONNECT TX100



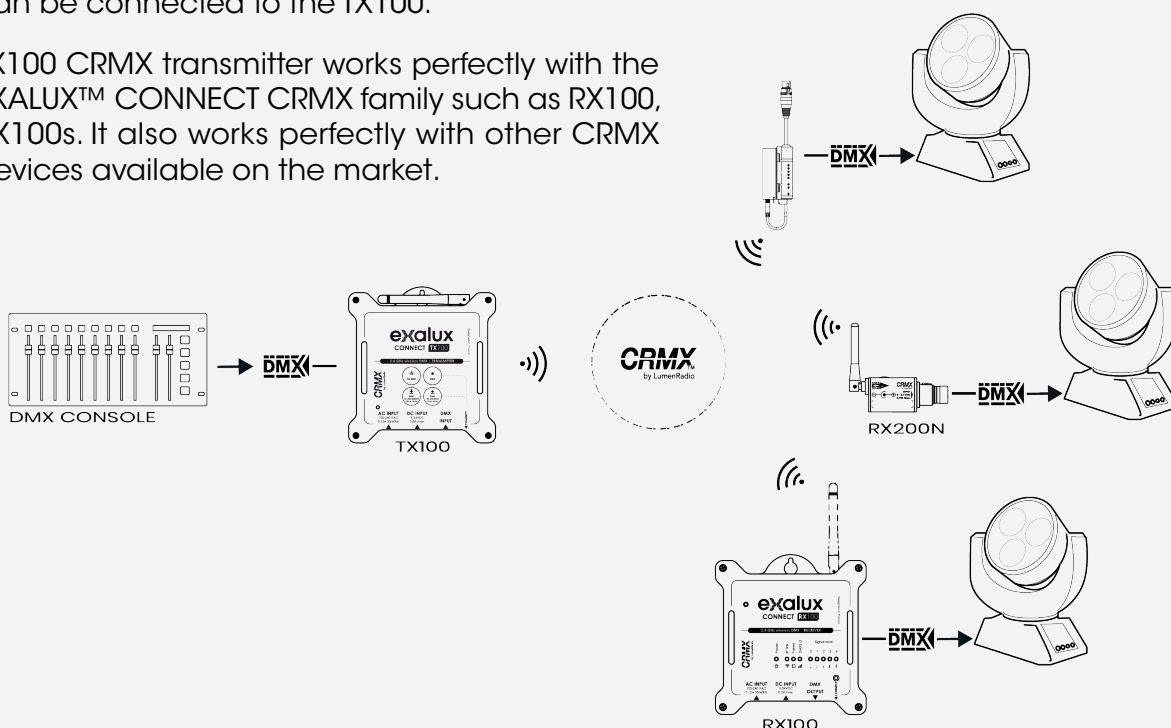
EXALUX™ CONNECT TX100 is a professional Wireless DMX transmitter based on LumenRadio™ CRMX technology.



EXALUX™ CONNECT TX100 is a **wireless DMX transmitter** especially designed to be **AC or DC powered**. TX100 can run up to 8 hours with the small EXALUX PowerBank battery.

TX100 suits well when long range is needed. Several transmitters can be used simultaneously without any interferences. An **unlimited number of CRMX receivers** can be connected to the TX100.

TX100 CRMX transmitter works perfectly with the EXALUX™ CONNECT CRMX family such as RX100, RX100s. It also works perfectly with other CRMX devices available on the market.



## Wireless with Exalux's DNA

CRMX by LumenRadio™ Inside  
1 universe / 512 channels  
Mains or battery operation  
Cognitive coexistence technology



### User-centric

Compatible with all DMX devices  
Plug & play  
Designed for field use or studios



### Reliability & freedom

Rugged design  
Wireless level indicator  
DMX fidelity without any latency

## PARTS & ACCESSORIES

TX100 Basic	CNT.000.003
5VDC/2Ah PowerBank+XLR cable	PSU.002.010

## KITS

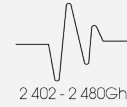
TX100 starter kit	CNT.000.006
1 TX 100 + 2 RX100 + accessories	CNT.001.003
1 TX 100 + 1 ONE + accessories	CNT.001.004



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## ABOUT CRMX BY LUMEN RADIO™

Based on LumenRadio™ CRMX technology, EXALUX™ CONNECTTX100 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>	AC : Neutrik PowerCon   DC : Neutrik XLR 4 pins male
<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>	IP20
<b>Certifications</b>	CE, RoHS
<b>Weight</b>	360g

## RADIO INTERFACE

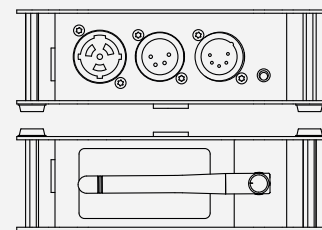
<b>Standard / Technology</b>	CRMX by LumenRadio™
<b>Frequency</b>	2.402 ~ 2.480 GHz
<b>Antenna</b>	SMA, 2.4GHz 2.0dBi (Omni)
<b>RF Output</b>	20 dBm (100mW)
<b>RF Modulation</b>	GFSK
<b>Range</b>	Up to 500m (depending on the receiver and the environment)

## 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>DC Input Voltage</b>	4,75	24,0	28.0	VDC
<b>AC Input Voltage</b>	100	220	240	VAC
<b>Storage T°</b>	-20		+75	°C
<b>Operating T°</b>	-10	25	+55	°C



## DIMENSIONS

