



CONNECT TX100



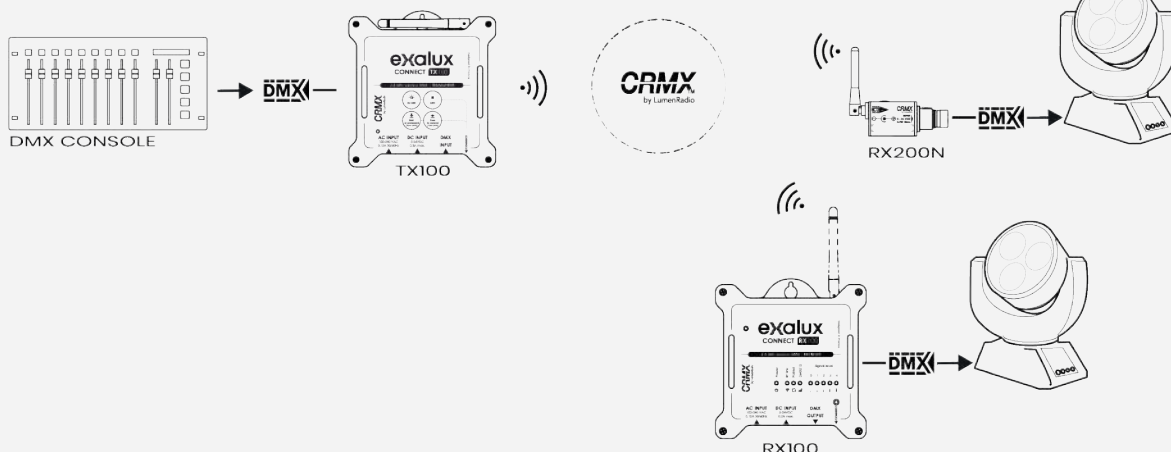
EXALUX™ CONNECT TX100 is a professional Wireless DMX transmitter based on LumenRadio™ CRMX technology.



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.



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 |

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

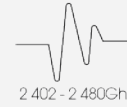
Rugged design
 Wireless level indicator
 DMX fidelity without any latency



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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

| | |
|---------------------------|--|
| Power Connection | AC : Neutrik PowerCon DC : Neutrik XLR 4 pins male |
| Interface | Link/Unlink (switch), Power, DMX, Status (LED) |
| Power Consumption | 1.5W |
| Housing / Mounting | Aluminium / M10 |
| IP Rating | IP20 |
| Certifications | CE, RoHS |
| Weight | 360g |

RADIO INTERFACE

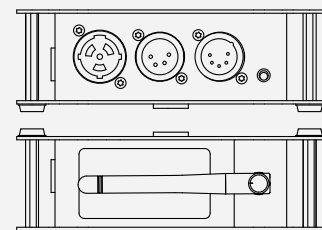
| | |
|------------------------------|--|
| Standard / Technology | CRMX by LumenRadio™ |
| Frequency | 2.402 ~ 2.480 GHz |
| Antenna | SMA, 2.4GHz 2.0dBi (Omni) |
| RF Output | 20 dBm (100mW) |
| RF Modulation | GFSK |
| Range | Up to 500m <small>(depending on the receiver and the environment)</small>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

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



DIMENSIONS

