



MoonLite™ is a brand new patent-pending wireless lighting control product with LumenRadio's award winning ultra-reliable CRMX technology combined with Bluetooth connectivity and a built-in battery.

By being a wireless DMX transmitter and receiver, offering DMXmesh™, as well as the ability to act as DMX tester and RDM controller, MoonLite™ is truly the Swiss army knife of the wireless DMX world!

## BUILT ON THE LATEST CRMX TECHNOLOGY

MoonLite™ is built on LumenRadio's patented reliable CRMX technology and boosts new features such as:

- Bluetooth connectivity
- Firmware updates over-the-air
- Smarter disturbance detection technology, allowing for even more stable connectivity
- Significantly reduced RF footprint with dynamic transmissions
- Patent-pending wireless DMXmesh™

MoonLite™ has the same reliable functionalities as all LumenRadio's CRMX products but comes in a much smaller package and at a lower price.

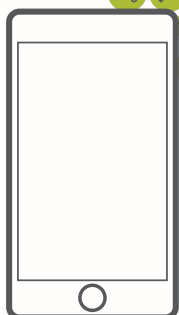
With built-in support for Bluetooth connectivity, MoonLite™ enables tablet and phone based lighting control softwares to connect directly without the need for extra hardware.

MoonLite™ is a state-of-the-art transceiver; thanks to its small size, built-in battery and dual XLR connectors it is ideal for use at clubs, small stage events, corporate events, in theaters and temporary events where wireless DMX connectivity is needed.



## FEATURES

- Built on the latest CRMX technology
- DMX transceiver (TX and RX)
- DC power
- Bluetooth connectivity
- Firmware updates available over Bluetooth, USB or XLR
- Can act as a DMX tester using LumenRadio's CRMX Toolbox app
- Rechargeable battery included (10 hours in CRMX RX and 20 hours in Bluetooth Smart mode)
- Color coded pairing indication
- Prepared for Velcro fastening



MoonLite™ can be used together with the CRMX Toolbox app.

CRMX Toolbox app key features:

- Troubleshooting using the DMX tester functionality
- Simple RDM controller that lets you discover, patch and monitor RDM compatible devices
- Firmware updates of CRMX devices
- Configuration of CRMX products

## TECHNICAL SPECIFICATIONS

### SUPPORTED PROTOCOLS

- USITT DMX512, DMX512(1990) & DMX512-A
- RDM ANSI E1.20 (Controller/tester mode)
- Bluetooth Smart 5.0

### RF CHARACTERISTICS

- Operational frequency range: 2402-2480 MHz
- Output power level: 100mW (20dBm)

### CONNECTORS

- DMX: 2 XLR, 5-pin gold plated, female and male
- Antenna: Internal
- DC: USB Micro-B

### POWER

- Low voltage input: 5VDC

Bluetooth connectivity  
DMXmesh™  
Internal antenna  
Rechargeable battery (~8 hours in CRMX RX and BLE mode)  
Plastic enclosure

Link switch

Status LEDs



Female XLR  
DMX passthrough

USB Micro-B

Prepared for  
Velcro fastening

Male XLR  
DMX passthrough

LumenRadio's patented CRMX™ technology for wireless DMX is today the de-facto wireless lighting control standard in Motion picture lighting, Stage lighting and Architectural lighting industries.

## CONTACT

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