

Lumen Radio's CRMX Nova TX USB delivers

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The CRMX Nova TX USB delivers never before seen accessibility to the powerful CRMX technology. With its small size and easy to use USB interface it is suitable for small to medium sized temporary shows and works in perfect combination with battery powered fixtures with built-in CRMX technology.

Based on our revolutionary CRMX TiMo platform, the CRMX Nova TX USB brings you all the advanced features of the larger CRMX Nova products in a smaller enclosure; Automated Cognitive Coexistence, DMX fidelity and error correction, lowest latency in the industry at 5ms and 128 bit encryption – it's all there.

The CRMX Nova TX USB utilizes the de-facto industry standard ENTTEC DMX USB protocol which allows for full compatibility with a vast range of professional consoles and a rich plethora of both paid and free 3rd party software.

Frequently Asked Questions

Does it do RDM?

No – this product is DMX only.

Can I use it on my iPad with a Lightning to USB converter?

Unfortunately Apple has no built-in support for the USB drivers required. It works really well on a Microsoft Surface though.

What consoles/tools supports it?

The ENTTEC protocol is supported by a vast range of free and paid tools. The most current list can be found on the ENTTEC DMX USB Pro [webpage](#), but we will be compiling our own list of supported consoles and software tools in a near future.

Can I use an external antenna to increase the range?

Only the internal antenna is enabled. If you experience range issues, we recommend using a USB extension cable to achieve better placement.

Can I use several transmitters side by side for multiple universes?

As long as your console supports it – yes. Just keep in mind that for optimum performance two transmitters need to be separated by a minimum of 12 cm.

Supported protocols

- ENTTEC DMX USB Pro

Power

- Low voltage input: 5VDC $\pm 5\%$

Physical

- Dimensions (W x H x D): 25 x 13 x 62 mm
- Enclosure: Semi-transparent plastic (ABS)

RF characteristics

- Operational frequency range: 2402-2480 MHz
- Output power level: 100mW (20dBm)
- Tested link range: up to 100 meters line-of-sight

Connectors

- USB 2.0 standard-A plug