

W-DMX™ + Skywire™ 2.4GHz Wireless DMX Transceiver

LightCaster AnyFi™ is a USB rechargeable, battery powered wireless DMX transceiver that is capable of transmitting or receiving either ultra-stable, Wireless Solutions AB™ W-DMX 2.4 GHz ISM (AFHSS) wireless DMX signals, or Blizzard Lighting's own Skywire™ 2.4 GHz band frequencies. It will sync up perfectly to any Blizzard wiCICLE™ or Skywire™ (7CH) enabled products, plus there is an additional Skywire™ 6-channel mode that will sync up flawlessly with other AnyFi™ enabled products using this mode. Skywire™ (6CH) mode is found exclusively in Blizzard Lighting AnyFi™ brand products.

Its user-friendly operation simplifies all the complex communication protocols, and it features an easy-to-use 4-button TFT display menu interface, making setup a breeze. And no matter which protocol is used, you can expect to achieve reliable wireless communication for over 1000 feet (line-of-sight.)

When using W-DMX®, you can leave any worries behind concerning loss of signal due to its built-in FHSS technology (Frequency Hopping Spread Spectrum). FHSS are frequency hopping techniques, in which the transmitter jumps from sub-channel to another at a very rapid pace. An unlimited number of receivers can be controlled by each transceiver, each one able to control 512 channels of DMX (1 universe).

With Skywire™ 6/7-channel wireless DMX you can pair your other AnyFi™, wiCICLE™, or Skywire™ transmitting and receiving units together simply by matching the color coded frequency groups that illuminate on each of the LED status indicators. With each frequency group, there are 512 auto-assigning frequencies that allow each system to run simultaneously in the same space, completely free of interference!

Main Features

- Built-in Wireless Solutions AB™ W-DMX Transceiver
- Built-in Skywire™ 6/7-Channel Transceiver
- Built-in lithium battery
- TFT display and friendly menu interface
- Adaptive Frequency Hopping Spread Spectrum (AFHSS)
- 32-bit ARM Processor, DMA transfer without delay
- Standard 3-pin XLR In/Out
- 4-button status menu and LED frequency/status indicator
- Plug-and-play operation, pairing mode, supports more transmitter universes



Power

- Power Input: DC 5V, ±5%
- Power Consumption: 350 mA@5V DC max.

DMX Signal Interface

- 3-pin XLR Input
- 3-pin XLR Output

Thermal

- Max. Operating Temp.: 104 degrees F (40 degrees C) ambient

Radio Parameters

- Range: 1,000 FT (line-of-sight)
- Frequency: 2.402-2.480GHz, ISM, 79 channels
- Spread Spectrum: FHSS, 1100 hops / sec
- Modulation: GFSK
- Maximum Transmit Power: 23dBm
- Receiver Sensitivity: -94dBm

Weight & Dimensions

- Width: 3.5 inches (88 mm)
- Length: 4 inches (103 mm)
- Height: 1.6 inches (40 mm)
- Weight: 8.8 oz (250 g)

Warranty

- 2-year limited warranty