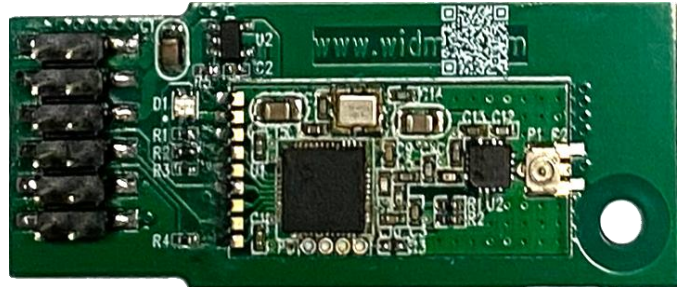


LC-512F

Pluggy FX Compatible Wireless DMX512 Transceiver Module

- Supports G3, G4, G4S, CRMX, CRMX2
- FHSS with 79 Channels, interference-free operation.
- 32-bit ARM Processor, DMA transfer without delay
- One-touch operation with a Tri-color status indicator
- Automatically learning of various parameters of controller, just like DMX transfer via cable
- Group Mode, easy plug-and-play operation; Pairing Mode, supports more transmitter universes



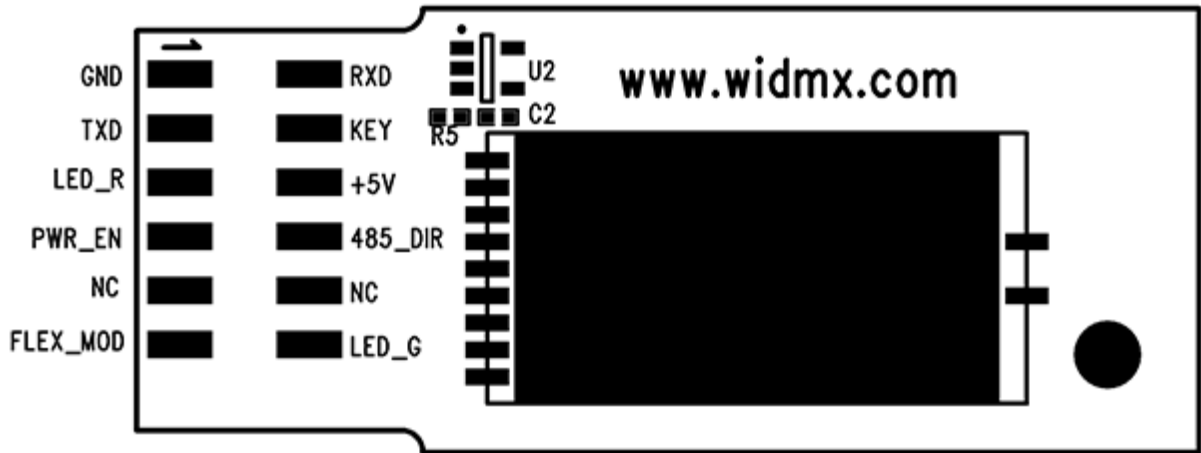
Overview

LC-512F supports G3, G4, G4S, CRMX, CRMX2 air protocols. You could enjoy the same or higher quality of wireless DMX transceiver module at a price half of that similar product. Our company is the only company in China that can produce built-in Wireless Solution Compatibility Mode.

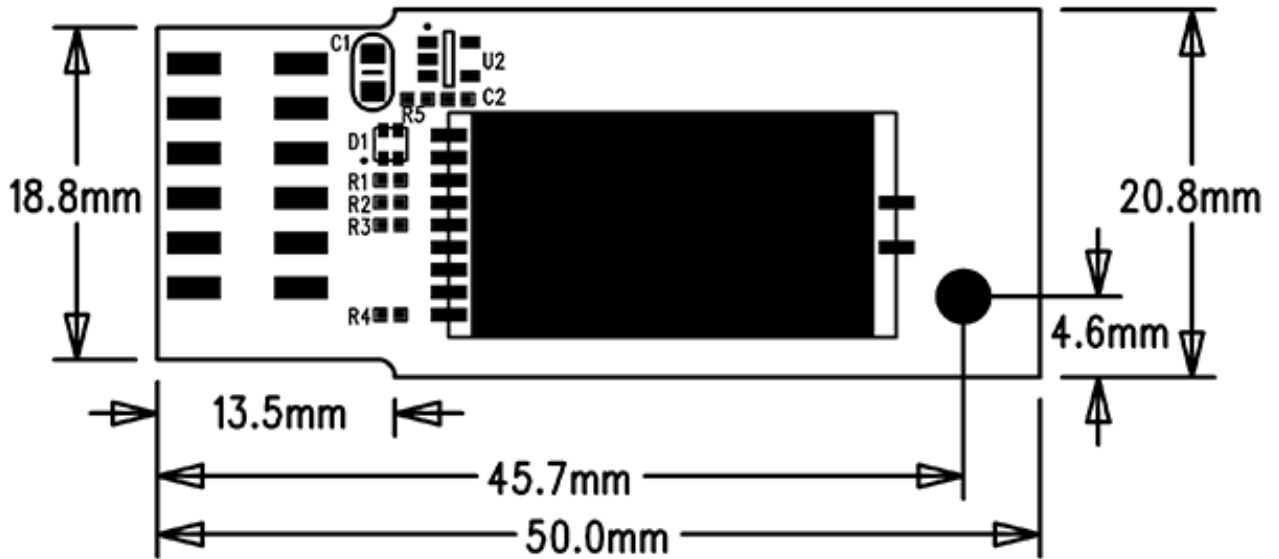
Application

- Stage lighting applies to the Grand Variety Show, Gymnasium, Temporary Set-up Stage, TV Station, Centers Conference, Theaters, Opera, Theme Parks, Dance Halls, and Bars, or any lighting equipment with standard DMX512 XLR etc.

Pinout



Dimensional drawings



Specifications

Weight and Dimension

Dimension: 50 x 21 mm

Weight: 25 g

System Information

CPU: 32-bit ARM Core

Radio Parameters

Range: 600 meters (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

DMX Signal Interface

RS485

Environmental Limits

Operating Temperature: -40 ~ 85 °C

Storage Temperature: -65 ~ 150 °C

Ambient Relative Humidity: 5 to 95% (non-condensing)

Power Requirements

Power Input: DC 5V, $\pm 5\%$

Power Consumption: 350 mA@5V DC max.

Reliability

Automatic Reboot Trigger: Built-in WDT (watchdog timer)

Warranty

Warranty: One-Year Limited Warranty