

# Wireless DMX

- Free Standing Wireless Transmitter Box
- W-DMX™ Dependability
- Control (1) Full Universe/512 DMX Channels
- Reliability of FHSS & TDMA Communication
- 83 Channel Hopping on 2.45GHz Band
- 1400 Feet Range
- 5 Pin DMX512 Input
- 12V DC Adapter (Included)

## WSTXF Wireless DMX Transmitter



The WSTXF is a compact RF transmitter unit which transmits a DMX512 lighting control signal to compatible receivers or wireless equipped dimmers. The input signal is received from a normal wired DMX system via a standard 5 pin male XLR connector. The WSTXF is supplied with an external power supply and a transmitting antenna.

The WSTXF can operate with multiple compatible W-DMX™ dimmers and/or receivers. Connected receivers relay the same information they would get using a cable connected to a DMX lighting console.

The wireless system utilizes Frequency Hopping Spread Spectrum (FHSS) technology to ensure security and reliability of the data transferred on the 2.45 GHz band. Operating on low power (< 100mW). The operating range is approximately 1000' in the line of sight, using the antenna included with the unit indoors. Additional antennas can offer up to 4000 ft. for outdoor operation. This range could vary significantly depending on the surrounding conditions.

A link between an specific single WSTXF transmitter and one or more compatible receiving units is invoked to enable wireless operation. The linking operation is performed at the transmitter. Once linked, the receiver units can operate ONLY with that specific transmitter. The link is retained even when the receiver and/or transmitter are powered off.

Receiver units may be released from the link either globally at the transmitter or locally at the receiver. If released at the transmitter then ALL receivers linked to that transmitter will be released. If released at the receiver then ONLY that receiver will be released.

### SPECIFICATIONS

Operating Frequency:	2.45 GHz band	Indicators:	DMX / Link Status
Range:	Indoor 1400 ft.	Power Supply:	External, 12VDC, 1 ampDMX
RF Signal Type:	RF/FHSS & TDMA	Connection:	5 Pin Male XLR
Antenna Connector:	SMA Type	Dimensions:	3.25" W x 2" H x 5" D
Controls:	Link / Release Link	Weight:	.5 Pounds