

DESCRIPTION

The WSTXF is a compact RF transmitter unit which transmits a USITT DMX-512 lighting control signal. It's input signal is received from a normal wired DMX system via a standard 5 pin male XLR connector. The WSTXF is supplied with a UL listed external power supply and an transmitting antenna.

The WSTXF can operate with multiple compatible wireless DMX dimmers and/or receivers. The receiver units get the the same information they would get using a cable connected to a DMX lighting console.

The wireless system uses the 2.45 GHz band and operates at low power (< 100mW). The operating range is aproximately 1400 ft. indoors and about 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 at the transmitter or 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.

INSTALLATION

POWER CONNECTION

The WSTXF is powered by an external 120VAC power supply which provides 13VAC at 700mA to the unit. It can be powered by another source if it meets the requirements marked on the WSTXF. The power connector on the unit is a 2.1mm male plug.

Connect the main body of the power supply to any convenient 120VAC outlet. Then connect the 2.1mm plug to the WSTXF.

ANTENNA CONNECTION

Carefully thread the antenna on the gold antenna connector. on one end of the unit. It should be finger tight only. The connectors can be damaged or jammed if too tight. The antenna will swivel to a convenient orientation while connected.

DMX INPUT CONNECTION

Connect the incoming DMX signal to the 5 Pin Male XLR connector on the end of the WSTXF.

DMX CONNECTOR PIN NUMBER	SIGNAL NAME
1	DMX COMMON
2	DMX DATA -
3	DMX DATA +
4	NOT USED
5	NOT USED

OPERATION

LINK CONTROL BUTTON

This pushbutton switch is used to both link and release the links with all free receiver units within its range.

STATUS INDICATOR LED

The indicator shows the status of the unit as follows:

- OFF.....NO POWER
- SLOW FLASH.....NO DMX IN
- FAST FLASH.....LINKING IN PROGRESS
- ON.....DMX IN and TRANSMITTER OK

LINKING RECEIVERS

LINKS WILL NOT BE ESTABLISHED WITH RECEIVERS ALREADY LINKED TO ANOTHER TRANSMITTER DEVICE.

You should begin by unlinking the receiver at the receiver itself since it could be linked to a transmitter other than the one you have.

Push the link control button on the transmitter once (do not hold it down). The indicator LED will go to a fast flash for about 10 seconds. It will then go to an ON state.

If service is required - contact the dealer from whom you purchased the unit or contact Lightronics, Service Dept., 509 Central Drive, Virginia Beach, VA 23454 TEL: (757) 486-3588.

The link indicator on the receiver will also go to fast flash and may continue this for several more seconds after the transmitters indicator goes to ON. The link indicator on the receiver will go to an ON state when the link is stable.

UNLINKING RECEIVERS AT THE TRANSMITTER

Note that receivers link to a different transmitter will not be released.

Hold the link control button down for about 5 seconds.

The indicator LED will go to slow flash showing that no links are active.

The link indicator on the receiver unit(s) will go OFF.

MAINTENANCE AND REPAIR

OWNER MAINTENANCE

There are no user serviceable parts in the unit. Service by other than Lightronics authorized agents will void your warranty.

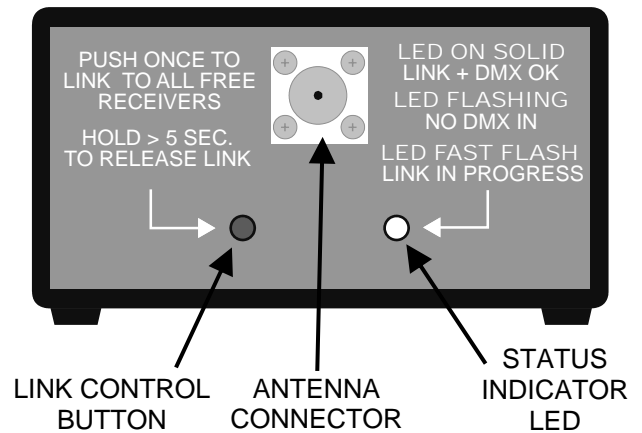
CLEANING

The unit exterior may be cleaned using a soft cloth dampened with a mild detergent/water mixture or a mild spray-on type cleaner. DO NOT SPRAY ANY LIQUID directly on the unit. DO NOT IMMERSSE the unit in any liquid or allow liquid to get into the controls. DO NOT USE any solvent based or abrasive cleaners on the unit.

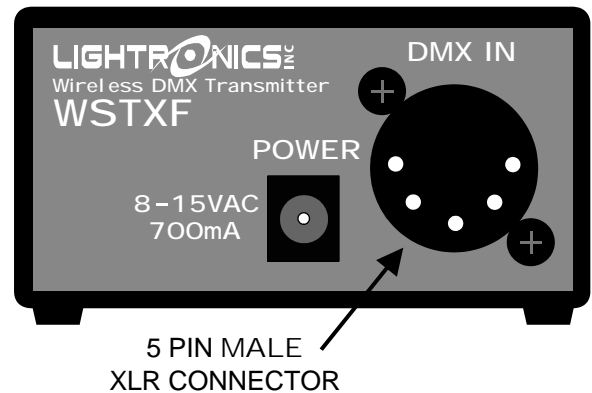
OPERATING AND MAINTENANCE ASSISTANCE

Dealer and Lightronics Factory personnel can help you with operation or maintenance problems. Please read the applicable parts of this manual before calling for assistance.

FRONT VIEW



REAR VIEW





WARRANTY

All Lightronics products are warranted for a period of TWO/FIVE YEARS from the date of purchase against defects in materials and workmanship.

This warranty is subject to the following restrictions and conditions:

- A) If service is required, you may be asked to provide proof of purchase from an authorized Lightronics dealer.
- B) The FIVE YEAR WARRANTY is only valid if the warranty card is returned to Lightronics accompanied with a copy of the original receipt of purchase within 30 DAYS of the purchase date, if not then the TWO YEAR WARRANTY applies. Warranty is valid only for the original purchaser of the unit.
- C) This warranty does not apply to damage resulting from abuse, misuse, accidents, shipping, and repairs or modifications by anyone other than an authorized Lightronics service representative.
- D) This warranty is void if the serial number is removed, altered or defaced.
- E) This warranty does not cover loss or damage, direct or indirect arising from the use or inability to use this product.
- F) Lightronics reserves the right to make any changes, modifications, or updates as deemed appropriate by Lightronics to products returned for service. Such changes may be made without prior notification to the user and without incurring any responsibility or liability for modifications or changes to equipment previously supplied. Lightronics is not responsible for supplying new equipment in accordance with any earlier specifications.
- G) This warranty is the only warranty either expressed, implied, or statutory, upon which the equipment is purchased. No representatives, dealers or any of their agents are authorized to make any warranties, guarantees, or representations other than expressly stated herein.
- H) This warranty does not cover the cost of shipping products to or from Lightronics for service.
- I) Lightronics Inc. reserves the right to make changes as deemed necessary to this warranty without prior notification.

