



Viking WDMX Tx transmitter

WDMX Rx Receiver

Features:

- Adaptive Frequency hopping technology-AFHSS
- Frequency band: 2.4GHz
- Completely interference free
- Transmission distance: approx. 500m
- Transmit 512 channels (1 universe) of DMX data
- Antenna: 5dBi
- IP rating: IP65
- Maximum 16 universes of DMX in one area
- Power supply: AC 240V 50-60Hz
- One-button-go for quick setup

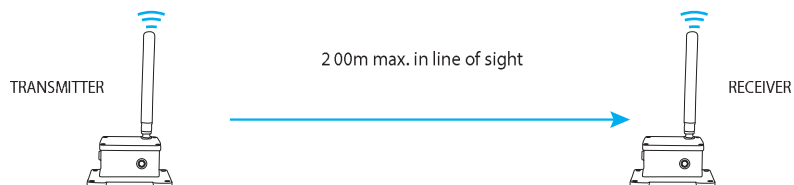
INTRODUCTION

The Wireless DMX system is compact, lightweight and durable. Utilizing AFHSS - Adaptive Frequency Hopping Spread Spectrum technology, the wireless system transmits or receives safe and reliable DMX data without any delay and interference. Thanks to its IP65 rating, this system can be used for both indoor and outdoor lighting.

- Plug and play, no need configuration for IP address
- Point-to-point, point-to-multipoint or multipoint-to-multipoint operation



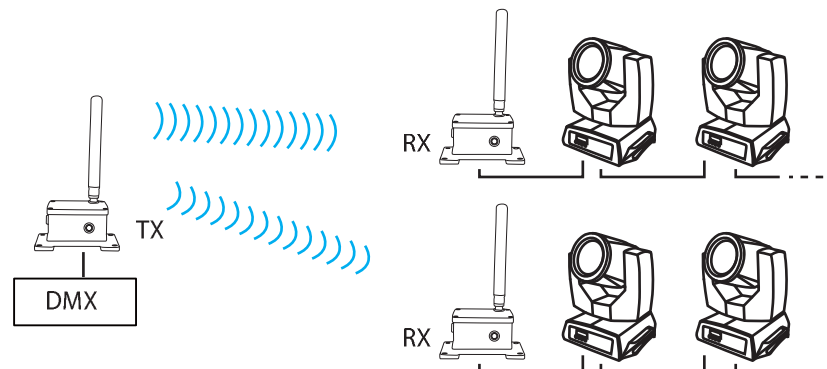
SETUP



Distance between Transmitter and Receiver should not exceed 200m and should be positioned at least 1m above crowd head height.

SYSTEM CONNECTION

Use DMX cables to connect DMX IN of the Transmitter to DMX source and DMX OUT of Receiver to lighting equipment. Power is connected using the IP65 Truecon cable supplied with the unit, and it can be mounted using a clamp and M10 bolt through holes in the base.



The transmitter can communicate with multiple receivers thus allowing a DMX signal to be shared around a lighting rig using multiple receivers that are all set to the same transmitter. For multiple universes of DMX the transmitters can be set to only communicate with appropriate receivers and thus allow up to 16 universes of DMX to transmit wirelessly without interference.

A receiver can only receive a DMX signal, HOWEVER a transmitter can be set to transmit or receive data thus allowing unused transmitters to be used as receivers in an emergency.

To change mode of a Transmitter : Power off the unit, then hold the FUNCTION button while powering on the unit for 2 seconds. When the FUNCTION green Link and Blue Mode indicators turn off the unit is set to receive , otherwise it is set to transmit when Green.

LINKING DEVICES

Press and quickly release the FUNCTION button on the Transmitter. The Transmitter Will then scan for all unlinked receivers. The green LINK indicators on both the Transmitter and Receiver(s) will flash rapidly for 5 seconds and then stay static once they link up.

- 1) Power on the Receiver unit(s) and ensure that they are not linked with any other Transmitter (LED indicators should be OFF).
- 2) Press and quickly release FUNCTION button on the Transmitter. The Transmitter

UNLINK A RECEIVER

Press and hold the Function button on the Receiver for about 3 seconds till the LED indicator

UNLINK ALL RECEIVERS

Press and hold the FUNCTION button on the Transmitter till LED indicator begins flashing. All

Note: You can add receivers at any time, even during operation. In an operational system, logging on an additional receiver will make the logged-in units revert to idle mode for 10 seconds; once the new units are logged-in they will all start again together with the new unit.

Note: The Receiver will stay linked/logged on to the Transmitter even if the DMX signal or power is cut off. The log-in information is stored in an EEPROM and will not be erased.



FUNCTION BUTTON COLOUR

Function Button Colours

Green = Link Led

Blue = Mode Led