Nexus Bridge Tx
Safety and User Guide

This guide gives the key information that you will need to install, set up and use your Nexus Bridge Tx. For more information, see our website *www.nexus-lights.com*.

Bring the power of wireless DMX to your entire lighting setup with the Nexus Bridge Tx. Designed for seamless integration into professional environments, this compact transmitter removes the hassle of cabling while staying fully compatible with any DMX-based entertainment lights — including the entire Nexus lineup. The Nexus Bridge Tx is a multifunctional gateway designed to extend the flexibility of app-based and professional DMX control setups. It creates a stable entry point into the iQ.Mesh network, improves range and reliability, and enables DMX workflows for both small and large events.

This product is for professional use only. It is not for household use. Use caution when operating.

Check our website www.nexus-lights.com to make sure that you have the latest version of this Safety and User Guide. Read this guide carefully before using the Nexus Bridge Tx and operating Nexus Lights products. Include this guide with the product if you give, rent or sell them to another user.

Included items
The Nexus Bridge Tx is supplied with:
- USB-C cable
- Mounting bracket
- This user guide

Optional accessories
The following accessory is available to order:
- Nexus Link Rx

Technical data
- Voltage: 5-12 VDC
- Battery: Li-Ion 2500 mAh
- Operating time: Up to 80 hours
- Operating environment: Indoor and temporary outdoor
- IP rating: IP65 (IP20 when connected to charger)
- Size (without antenna): 12.5 x 9 x 5 cm / 4.8 x 3.6 x 2 in.
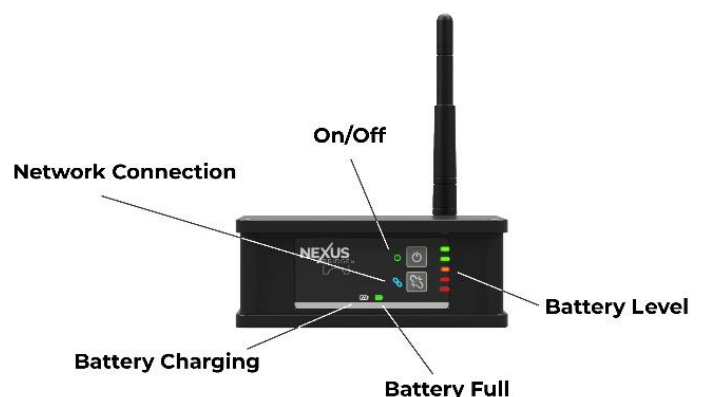- Weight: 600 g / 21.2 oz.

Installation
You can simply place the Nexus Bridge Tx on your desk or any other stable surface. Alternatively, use the included bracket to hang the Nexus Bridge Tx inside your rig. Make sure to secure the Nexus Bridge Tx properly for safety.

To set up DMX control, connect a DMX cable from your lighting console's DMX output to the male 5-pin XLR connector on the back of the Nexus Bridge Tx.

To connect the Nexus Bridge Tx to your lighting fixtures, install and open either the iQ.Control or the Vision Control smartphone app, create a network and add the Bridge Tx to your network. There you can also select modes and set DMX addresses.

Overview
- Press the *On/Off* switch to apply power to the Bridge Tx.
- The LED indicators on the front panel give the status information shown in the illustration on on the right.
- The *Network Connection* LED lights when the Bridge Tx is linked in a network.
- Press and hold the *Network Connection* switch for three seconds to unlink the Bridge Tx from a network.

Charging

Connect the Nexus Bridge Tx to power via its USB-C connector, using either a standard USB charger (not included) that can supply minimum 1 amp power or the optional Nexus Lights Charging Station (not included).

Charge the product to 100 % before using it for the first time.

The Nexus Bridge Tx indicates charging via two LEDs on the front panel.

Charging status is not visible during normal operation.

Partially charged batteries lose capacity. Charge the battery every six months when the Nexus Bridge Tx is not in use.

Safety

- Follow all applicable safety regulations when installing and using the Nexus Bridge Tx.
- Secure the Nexus Bridge Tx against falling if you install it overhead.
- Do not locate the Nexus Bridge Tx in a place where the device or cables can present a tripping or falling hazard.
- Do not connect the Nexus Bridge Tx to a product that may be damaged or faulty.
- To maintain the product's IP65 water and dust resistance, protect the two XLR connectors and the USB-C connector on the rear of the product with their rubber seals at all times when the connectors are not being used.
- The Nexus Bridge Tx contains no user-serviceable parts. Do not try to open or modify it, or you will void the warranty.
- Use only accessories that are approved for use with Nexus products.
- Check that all mains power cables and connectors are in perfect condition and rated for the environment and the current requirements of connected devices.

- Do not operate the Nexus Bridge Tx in high temperatures or in direct sunlight.
- Recharge Nexus product batteries immediately when they are discharged.
- Charge Nexus product batteries at an ambient temperature of between 15° C (59° F) and 35° C (95° F).
- Ensure free airflow and adequate ventilation around the Nexus Bridge Tx while the product is in operation and during charging.
- If a Nexus product battery becomes faulty or will not hold a charge, contact your retailer or distributor for replacement. Do not try to replace the battery yourself.
- Respect all applicable laws and regulations for the transport, storage and disposal of batteries.
- Send the Nexus Bridge Tx to an authorized recycling center at the end of its lifetime. Do not dispose of the product with household waste. Send the product's packaging for recycling.