

sloHEXtted Q800

sloHEXtted Q800 Ultra Industrial Wireless Crane Remote Control Kit 12-24V Instruction Manual

Model: Q800 | Brand: sloHEXtted

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the sloHEXtted Q800 Ultra Industrial Wireless Crane Remote Control Kit. This 8-channel system is designed for overhead truck cranes, hoists, lift winches, and dump trailers, featuring Frequency-Hopping Spread Spectrum (FHSS) technology for stable and smooth signal transmission. Please read this manual thoroughly before use to ensure safe and efficient operation.

2. SAFETY INFORMATION

Always prioritize safety when operating industrial equipment. Failure to follow safety guidelines can result in serious injury or equipment damage.

- **Emergency Stop:** The transmitter is equipped with a prominent mushroom-head Emergency Stop (EMS) button. Press this button immediately in any unsafe situation to halt all operations.
- **Authorized Personnel:** Only trained and authorized personnel should operate this remote control system.
- **Pre-Operation Check:** Before each use, verify that all buttons function correctly and that the signal indicators are active. Ensure the area of operation is clear of personnel and obstructions.
- **Environmental Conditions:** While the unit is IP65 rated for dust and water resistance, avoid prolonged exposure to extreme conditions beyond its specifications. Ensure the receiver is mounted appropriately to prevent water ingress, especially in wet environments.
- **Battery Safety:** Use only specified AA batteries. Replace batteries when the low battery indicator appears to prevent unexpected loss of control.
- **Signal Interference:** Although the system uses FHSS technology to minimize interference, be aware of potential signal disruptions in environments with strong electromagnetic fields.



Image: Enhanced Safety Control features, including the mushroom-head EMS button and signal status indicators.

3. PRODUCT OVERVIEW

3.1 Components

The sloHEXtted Q800 kit includes the following main components:

- **Transmitter:** The handheld remote control unit with buttons and indicators.
- **Receiver:** The unit that connects to the crane or machinery, receiving signals from the transmitter.
- **Button Stickers:** Optional labels for customizing button functions.
- **Fasteners:** For mounting the receiver.
- **Level 5 Cut-Resistant Gloves:** For protection during installation or operation.



Image: Overview of the Q800 Ultra kit components, showing the transmitter, receiver, and included accessories.

3.2 Key Features

- **Frequency-Hopping Spread Spectrum (FHSS) Technology:** Ensures stable and interference-free signal transmission, even in crowded industrial environments.
- **Durable Construction:** Transmitter and receiver housings are made from nylon-reinforced fiberglass. The transmitter includes a shock-absorbing silicone boot for impact protection.
- **IP65 Rating:** Provides dust-proof and waterproof protection, suitable for harsh industrial conditions.
- **Long-lasting Buttons:** Features high-performance metal contact buttons with a durable silicone wrap for comfortable and reliable operation. Original imported ALPS switches are rated for 10 million presses.
- **Ergonomic Design:** Lightweight and comfortable transmitter for extended use.
- **Flexible Button Configuration:** Optional button stickers allow customization for various machine functions.
- **Easy Pairing:** Automatic wireless pairing between transmitter and receiver, requiring no specialized equipment.

- **Adjustable Range:** Standard operating range of 100m (328ft), reconfigurable via software from 30m (98ft) to 200m (656ft).



Image: Detailed view of the Q800 transmitter, showing its ergonomic design, EMS button, and tactile controls.



Enhanced Safety Control

Emergency Stop + Signal Status at a Glance

-  Mushroom-head EMS button for fast emergency stop
-  Center status light provides clear operating feedback
-  A+B indicators help monitor signal strength instantly

Image: Internal circuit board of the Q800, highlighting key components like the RF chip and sync button.



Image: Close-up of the durable ALPS switches, designed for long-term industrial use.

4. SETUP

4.1 Receiver Installation

The receiver unit is designed for surface-mounted installation. Choose a location that is secure, provides clear line-of-sight to the operating area, and is protected from excessive moisture or physical damage. Ensure the wiring connections are made according to the provided wiring diagram (not included in this document, refer to product packaging for specific wiring instructions).

- Mount the receiver securely using the provided fasteners.
- For optimal water resistance, ensure the receiver is mounted with the cable entry points facing downwards to prevent water ingress.

4.2 Battery Installation (Transmitter)

The transmitter requires two AA batteries (not included). Open the battery compartment on the back of the transmitter, insert the batteries according to the polarity markings, and securely close the compartment.

4.3 Pairing the Transmitter and Receiver

The Q800 system features automatic wireless pairing. Typically, the receiver will automatically pair with the transmitter upon

power-up. No special equipment or complex procedures are required for initial pairing. If re-pairing is needed, consult the specific instructions provided with your product packaging, which may involve a small sync button on the receiver's circuit board.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

Once the receiver is installed and powered, and the transmitter has batteries, the system is ready for operation.

- **Power On:** Press the 'START' button on the transmitter to activate it. The status indicators (A and B) will illuminate, showing signal strength.
- **Control Functions:** Use the oversized tactile buttons to control the connected machinery. The included button stickers can be applied to clearly label functions such as 'Up', 'Down', 'Left', 'Right', 'Forward', 'Backward', '1', '2', etc., depending on your application.
- **Emergency Stop:** In an emergency, press the red mushroom-head EMS button to immediately cut power to the controlled machinery. To reset, twist the EMS button clockwise to release it, then press 'START' again.
- **Power Off:** To power off the transmitter, press and hold the 'START' button for a few seconds until the indicators turn off.



Image: Flexible button configuration with optional stickers for customizing control functions.

5.2 Operating Range

The standard operating range of the Q800 system is 100 meters (328 feet). This range can be adjusted via software to 7 selectable levels, from 30 meters (98 feet) up to 200 meters (656 feet). Note that increasing the range may lead to higher power consumption.

5.3 Typical Applications

The Q800 Ultra Industrial Wireless Crane Remote Control Kit is suitable for a variety of industrial applications:

- Overhead Crane Control
- Electric Hoist Operation
- Truck Tail Lift Control
- Electric Winch Operation
- Gantry Crane Operation
- Truck-Mounted Crane Control
- Tower Crane Operation



Fiberglass Material Case



Silicone Protective Sleeve

Durable Protective Housing

Built for Tough Industrial Environments



Fiberglass material case offers strength and impact resistance

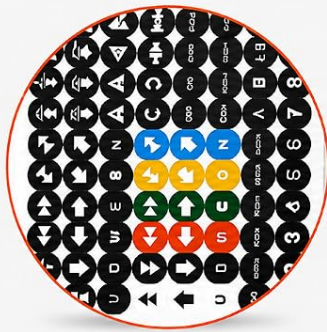


Silicone outer housing helps protect against bumps and wear



Designed for reliable daily use in demanding workplaces

Image: Examples of the Q800 remote control in various industrial settings, such as overhead crane and electric hoist operations.



Optional Button Stickers
Adapt to Many Machine Functions



Tactile Buttons with
Metal Contacts and
Silicone Outer Layer

Flexible Button Configuration

Easy to Customize for Different Machines



Tactile buttons deliver smooth and responsive operation



Metal contacts and silicone outer layer support reliable input



Optional button stickers adapt the remote to many machine functions

Image: Further applications of the Q800 remote, demonstrating its versatility for gantry, truck-mounted, and tower cranes.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your Q800 remote control system.

- **Cleaning:** Regularly clean the transmitter and receiver with a damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the housing or buttons.
- **Battery Replacement:** Replace AA batteries in the transmitter as needed. Always use fresh batteries to maintain optimal performance.
- **Physical Inspection:** Periodically inspect both units for any signs of damage, such as cracks in the housing, loose buttons, or frayed cables. The nylon-reinforced fiberglass housing and silicone boot are designed for durability, but extreme impacts can still cause damage.
- **Environmental Protection:** While the IP65 rating provides protection against dust and water jets, it is not designed for submersion. Ensure the receiver is mounted in a way that minimizes direct exposure to heavy rain or standing water, and always ensure cable glands are properly sealed.

EXCELLENT DURABILITY for LONGER SERVICE TIME



CRUSH-RESISTANT
Superior structural
strength



WATERPROOF
IP65 protection
rating



TEMP-RESISTANT
Operates in extreme
conditions: -45-80°C



SHOCKPROOF
Withstands
heavy impact

Image: Durability features of the Q800 remote, highlighting its crush-resistant, waterproof, temperature-resistant, and shockproof design.



Image: Durable protective housing, showcasing the fiberglass material case and silicone protective sleeve.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Q800 remote control kit.

Problem	Possible Cause	Solution
Remote control not responding	Dead batteries in transmitter; Transmitter not powered on; Receiver not powered on; Out of range; Interference; Pairing lost.	Replace batteries; Press 'START' button; Check receiver power supply; Move closer to receiver; Reduce sources of interference; Re-pair transmitter and receiver (refer to product packaging for specific steps).
Functions are slow or intermittent	Low battery; Weak signal due to distance or obstruction; Inadequate power supply to the controlled machinery; Interference.	Replace batteries; Move closer to receiver; Ensure machinery has sufficient power; Check for and reduce sources of interference.
Limited operating range (e.g., 2-6 feet)	Severe interference; Faulty antenna connection on receiver; Range setting configured to minimum; Damaged transmitter/receiver.	Identify and eliminate sources of strong interference; Check antenna connection; Adjust range setting via software if applicable; Contact support if units are damaged.
Receiver unit shows signs of water damage despite IP65 rating	Improper mounting (e.g., cable entry facing upwards); Prolonged exposure to high-pressure water jets or submersion; Damaged seals.	Ensure receiver is mounted correctly with cable entries downwards; Avoid direct high-pressure water exposure; Inspect seals for damage and replace if necessary. IP65 protects against water jets, not submersion.
Wiring instructions unclear	General wiring diagrams may require specific knowledge of your machinery.	Consult a qualified electrician or refer to the specific wiring diagram provided with your product packaging for detailed connections to your equipment.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	sloHEXtted
Model Number	Q800 8-Button 12-24V AC/DC
Input Voltage	AC/DC 12-24V
Item Weight	2.9 pounds
Product Dimensions	12.2 x 10.43 x 4.33 inches
Batteries Required	2 AA batteries (not included)
Color	AC/DC 12-24V(1T1R) (Orange/Black)
Material	Nylon-reinforced fiberglass housing, silicone boot
Installation Method	Surface-Mounted

Feature	Detail
Special Features	Easy to Install, Frequency-Hopping Technology, IP65 Dust/Waterproof, Shockproof, Crush-resistant, Temperature-resistant
Included Components	Transmitter, Receiver, Button Stickers, Fasteners, Level 5 Cut-Resistant Gloves
Standard Control Range	100 meters (328 feet)
Adjustable Control Range	30m (98ft) to 200m (656ft) via software

9. VIDEO DEMONSTRATION

9.1 Hoist Crane Industrial Wireless Remote Transmitter Receiver

Your browser does not support the video tag.

Video: A demonstration of the sloHEXtted Q800 Industrial Wireless Remote Control Kit in use with a hoist crane. This video showcases the transmitter and receiver in an operational environment, highlighting its functionality and responsiveness.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official sloHEXtted website. Keep your purchase receipt for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

