



Explosion Proof Double Joystick 5Speed Overhead Crane Hoist Radio Remote Control

Key features

- 3 Year Warranty, Customer Support and Service in the USA

Wireless Remote Control Description

Wireless Communication safety between transmitter and receiver, continuous wireless communication connection: Based on Omni bearing wireless signal transmitting design and barrier free features, operators can handle with lifting equipment precisely and avoid dangerous areas. Non-repeated 4.3 billion codes are used for system decoding of transmitter and receiver. Digital communication Hamming code correcting distance is 4 bits (minimum information difference between two groups digital communication)

Technical Specifications

FCC ID	OFNF21	Transmitter Power	≤10 dBm
Transmitter Power Supply	2 AA Batteries	Wireless Frequency Range	VHF: 310-331 MHz; UHF: 425-446MHz
Material	Glass-Fiber PA	IEC Motor Protection	IP65
Control Distance	Approx 300m	Operating Temperature Range	-40°C ~ 185°F / -40°C ~ 85°C
Safety Code	32 bits (4.3 billion)	Warranty	3 Year



MODEL: EF24-60-TX
ITEM CODE: 924-600-002
Dimensions: 210 x 152 x 128 mm
Weight: 980tg (without batteries)



- Product Features:**
- 6 buttons, 4 three-position or two-position rotating switch, stop, start, spared button.
 - 2 five-step joystick with 10 million times of mechanical life and pure proportion.
 - Up to 40 control contacts.
 - With battery voltage warning device, the power supply is cut off during low power.
 - Safety switch key is to prevent from unauthorized user.
 - Program the button function by computer interface.
 - Start key can be programmed to start, toggle switch, normal or other functions.
 - The spare buttons can be programmed to start, toggle, interlock or normal, etc.
 - Installed with proportional module for analog signal output (optional)

Transmitter Parameters: EF24-TX

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331 MHz; UHF: 425~446 MHz
Transmitter power	≤ 10 dBm
Transmitter power supply	2 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40°C ~ +85°C
Control distance	Approx 300m

- Standard Configuration:**
- One transmitter (with waist belt)
 - One receiver
 - Receiver with 2.5 meter cable
 - Battery: Two pairs
 - One receiver antenna.
 - One battery box.
 - Operation and maintenance manual.

Dual power supply:
EF24 is new series explosion-proof radio remote control based on F24 series, strictly complies with explosion-proof criterion GB368.1 and GB3836.4, and passed EXIB I BT4 intrinsic safety in the chemical and petrochemical industries, mining and other flammable, explosive and hazardous environments.



Safety Features.
Wireless Communication Safety between Transmitter and Receiver
Continuous wireless communication connection: Based on omnibearing wireless signal transmitting design and barrier free features, operators can handle with lifting equipment precisely and avoid dangerous areas.
Non-repeated 4.3 billion codes are used for system decoding of transmitter and receiver.
Digital communication Hamming code correcting distance is 4 bits (minimum information difference between two groups digital communication)

MODEL: F21-RXC
ITEM CODE: 921-100-112
Dimensions: 205 x 86 x 80 mm
Weight: 620 g



Transmitter Parameters: F21-TX

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Receiver sensitivity	-110dBm
Receiver power supply	18~65V AC/DC, 65~440V AC/DC (optional)
Output contactor capacity	8A sealed relay output (with AC 250V/10A relays, 10A fuse)
Control distance	Approx 300m
Safety code	32 bits (4.3 billion)
Temperature range	-40°C ~ +85°C



Shell is of antistatic material, and adding antistatic agent, the maximum enhancement in the anti-static grade products.

Application:
Typical application: It can be widely used in offshore oil field, oil tankers, onshore oilfield, chemical industry, oil refinery, coal mines, paint factory and aircraft maintenance facility.

Referential Images
Specifications may change without notice

Unit Weight & Dimensions

Total Unit Weight	11 lbs / 5 Kg
--------------------------	---------------

Packaging Weight & Dimensions

Package 1 Net Weight	11 lbs / 5 Kg
-----------------------------	---------------

Package 1 Width	11 in / 27.94 cm
------------------------	------------------

Package 1 Gross Weight	11 lbs / 5 Kg
-------------------------------	---------------

Package 1 Height	7 in / 17.78 cm
-------------------------	-----------------

Package 1 Length	25 in / 63.5 cm
-------------------------	-----------------