



## Overhead Hoist Crane 12 Channels Radio Remote Control Multi voltage 18~440V

### Key features

- **Multi-Voltage Compatibility:** Supports a voltage range of 18V to 440V, making it adaptable to diverse hoist systems.
- **Twelve Channel Control:** Operate up to twelve separate functions simultaneously for maximum operational efficiency.
- **Durable Construction:** Built to withstand harsh industrial environments, ensuring long-lasting reliability.
- **3 Year Warranty, Customer Support and Service in the USA**

### Overhead Hoist Crane Description

The Overhead Hoist Crane 12 Channels Radio Remote Control is a high-performance solution designed for efficient management of hoisting equipment. With the capability to control up to twelve independent functions, this remote offers exceptional versatility and productivity in various industrial applications. Its multi-voltage compatibility (18V to 440V) ensures it can be easily integrated into a wide range of systems.

## Technical Specifications

<b>FCC ID</b>	OFNF21	<b>Transmitter Power</b>	≤10dBm
<b>Transmitter Power Supply</b>	2 AA batteries	<b>Wireless Frequency Range</b>	VHF: 310~331 MHz; UHF: 425 ~ 446 MHz
<b>Material</b>	Glass-Fiber PA	<b>IEC Motor Protection</b>	IP65
<b>Control Distance</b>	Approx 100m (200 meters is customized)	<b>Operating Temperature Range</b>	-40 ~ 185 °F / -40 ~ 85°C
<b>Safety Code</b>	32 bits (4.3 billion)	<b>Warranty</b>	3 Year



**MODEL: F24-12S**  
**ITEM CODE: 24-012-001**  
**Dimensions: 186 x 61 x 51 mm**  
**Weight: 280g (without batteries)**

**Product Features:**

- 7-12 buttons (D means double steps), STOP, START, spare buttons
- Up to 20 control contacts.
- With battery voltage warning device, the power supply is cut off during low power.
- Safety switch key to prevent from unauthorized user.
- Program the button function by computer interface.
- Up/Down, East/West, North/South can be programmed to interlock or non-interlock.
- Power key can be programmed to start, toggle switch, normal or other functions.
- The spare buttons can be programmed to normal, interlock, toggle or start, etc.

**Transmitter Parameters: F24-12S**

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Transmitter power	< 10dBm
Transmitter power supply	2 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40° C → + 85° C
Control distance	Approx 100m (200 meters is customized)

**Standard Configuration:**

- One transmitter (with hanging belt)
- One dust bag
- One receiver
- Receiver with 1.6 meter cable
- Battery: One pair
- One receiver antenna
- Operation and maintenance manual.

**Safety features:**

Each radio remote control system functions in all manner of operational conditions equipped with their own unique identity code (ID-Code). This means that only the correct control unit can activate and control its matching receiver (crane/machine) for maximum safety. The system is FCC and CE certificated.



F24 series remote control system have 80 channels in its frequency range. Even in situations where many sets of remote control are used in the same time, working channel can be easily chosen without interfering with other signals and hundred-percent safe reliable. With advanced design and high quality components, the system is durable and easy to operate. It can easily adapt to complicated and harsh industrial environments such as extra-high/low temperature, dusty, strong vibration, greasy, heavy humidity, etc.

Transmitter and receiver have many functions used in conjunction. The emergency stop button is located in the upper left of the transmitter which meets the safety and ergonomics. When stop button is pressed, the system stops working immediately and unconditionally. Transmitter is equipped with a shell of more consistent with ergonomics. The new shell material is more durable, lighter and thinner.

**MODEL: F24-RXC**  
**ITEM CODE: 924-100-102-112**  
**Dimensions: 210 x 162 x 107 mm**  
**Weight: 1220g**



**Transmitter Parameters: F24-RXC**

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 100m (200 meters is customized)
Safety code	32 bits (4.3 billion)
Temperature range	-40° C → + 85° C



Connect buckle



Damping rubber



Safety Code

**Application:**

The heavy industrial machinery, such as lifting machinery, crane, hydraulic crane, concrete pump, roller coaster, mining machinery, hoist, truck crane, dump truck, lifting locomotive, lifting machine, etc.

## Unit Weight & Dimensions

<b>Total Unit Weight</b>	6 lbs / 3 Kg
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## Packaging Weight & Dimensions

<b>Package 1 Net Weight</b>	6 lbs / 3 Kg
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<b>Package 1 Width</b>	9 in / 22.86 cm
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<b>Package 1 Gross Weight</b>	6 lbs / 3 Kg
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<b>Package 1 Height</b>	5 in / 12.7 cm
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<b>Package 1 Length</b>	18 in / 45.72 cm
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