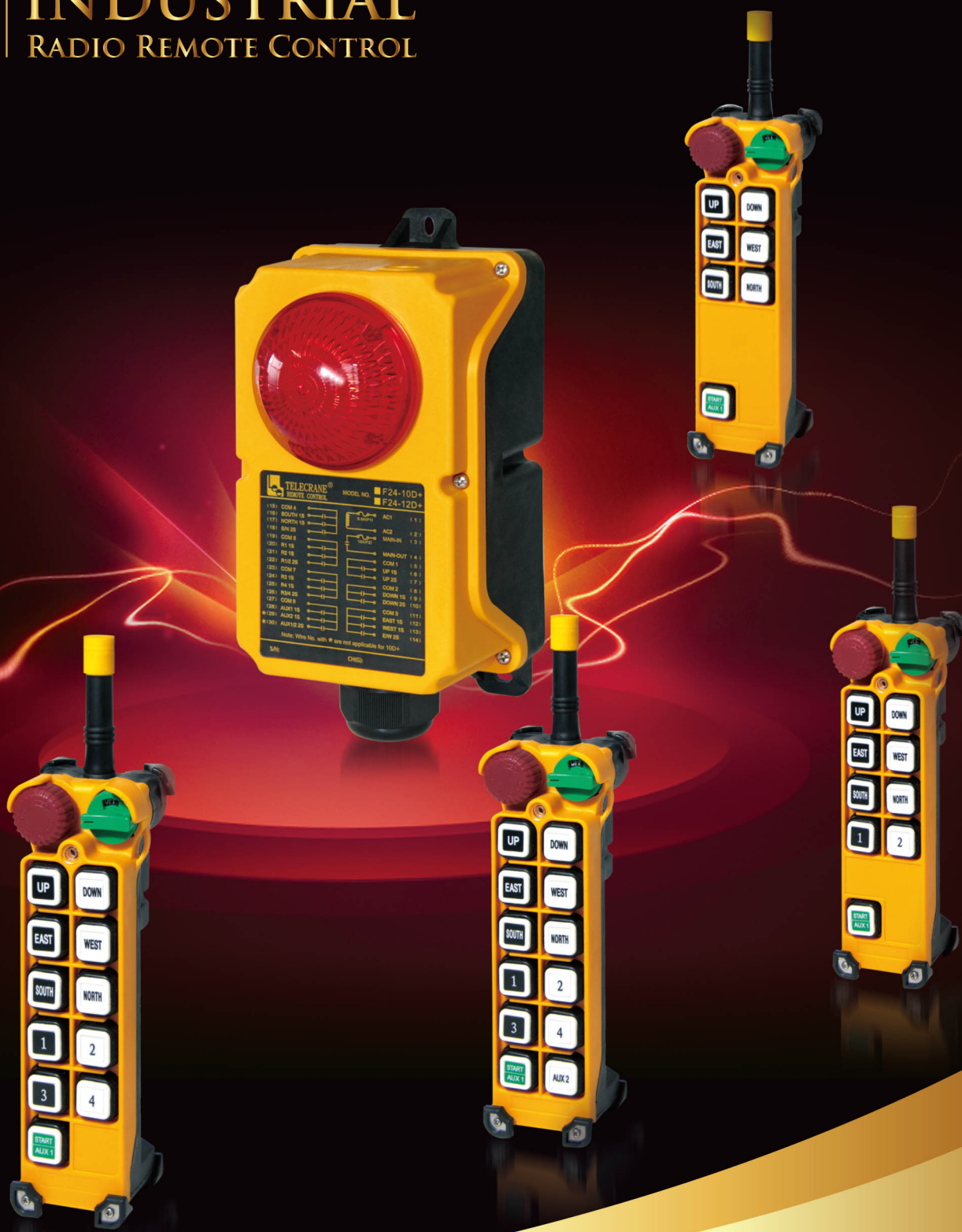


F24+

SERIES | INDUSTRIAL
RADIO REMOTE CONTROL

Wireless - the ONLY solution for controlling



F24+ SERIES INDUSTRIAL RADIO REMOTE CONTROL

“TELECRANE®” The Pioneer of Industrial Remote Control

Making your own remote control

- ONE for ALL Great flexibility for expanding & upgrading your system with hardware/-software.
i.e.: Plug in auxiliary relay module to expand the numbers of relay contacts.
- One single transmitter fits all models - making maintenance service easier than ever and reducing spare parts spending.

Patented Receiver Housing

- Extraordinary design with all components/parts/cables fixing on the upper part of receiver instead of lower casing.
- When it comes to service, simply remove the upper casing instead of the entire receiver. This makes maintenance easier and safer specially on the crane with very limited space. Self-tapping screws provided to fix the receiver on the control box easily and efficiently.

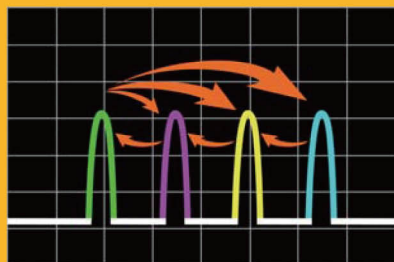
Receiver Multifunctional LED Indicator

- The large size LED indicator provides crucial messages to guide the ground operator such as: receiver power status, crane operation, malfunction etc.



Auto Frequency Selecting

- High standard quality RF IC gives great performance on radio channel selecting.
- Best operating experience and free from interference by Real-Time frequency changing technology.
- No need to change channels when multiple radio controllers are operating at the same time.



Radio Frequency Filtering

- Using advanced SAW filter technology (Surface Acoustic Wave) to block unwanted radio signal to ensure the smooth radio link.
- High reliable performance in heavy industrial environments.
- Thanks to F24+ receiver high sensitivity, the control distance has substantial increase even with internal antenna.



Reliable Communication

- Assuring frequency tolerance is less than 0.000001% before leaving factory site.
- Reliable radio communication in extreme harshworking environment (-30°C to +85°C).

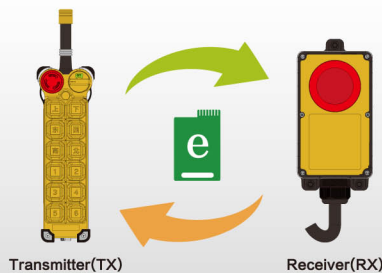


Fully Customizable Functions
Safe & Reliable Performance
Compact & Durable
Ingenious & Practical Applications

Wireless - the ONLY solution for controlling

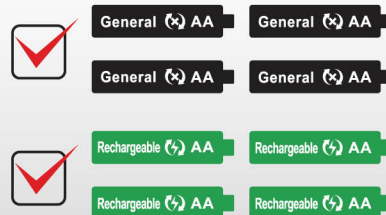
e-Card (Plug and Play)

- e-Card works similar to SIM in the mobile phone.
- All system data are carried on a small e-Card for easy transfer to a spare system when needed.
- e-Card is interchangeable between transmitter & receiver. It allows spare transmitter or receiver to resume to work without any downtime.



Budget & Environmentally Friendly

- Transmitter with extremely low battery power consumption.
- Using 4 AA size batteries. (Carbon Zinc, Alkaline, Ni-MH, Ni-Cd are all accepted)
- With adjustable operating range, it saves and extends battery life.



Powerful Customized Software

- A free software derived from millions of worldwide user's experiences.
- Total solution for industrial remote controllers (Available for most of applications).
- Capable of reprogramming numbers of parameters, such as operational function, emission power, and receiver off time, etc.



Security Enhanced & Anti-Spy

- The powerful processor, it generates SRC (Security Random Code) radio signal with random coding to prevent spy copying.
- By integrating hamming coding and CRC (Cyclic Redundancy Check) technology, it provides accuracy in radio data transmission.
- Hamming distance >20 (Surpassing the industry standard).
- The unique non-repeated security code (ID_code) prevents the error output and also improves the operation safety.








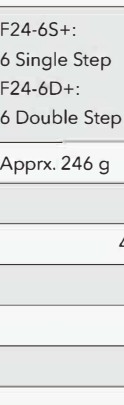
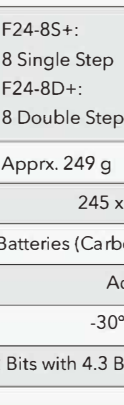
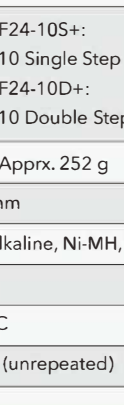
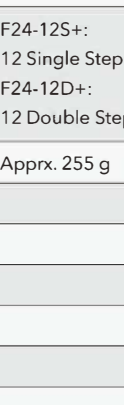
Enhanced Durability

- Using fiberglass reinforced plastic materials to enhance the hardness and impact resistance of transmitter casing.
- Fine quality pushbutton with most durable life than others.

Take & Release (Receiver with multi-users)

- The receiver is available for multiple users' controls with different transmitters.
- Safety concept of first come and first served; restricting only one transmitter to command the receiver at a time.
- Interference-free from other users' radio interference after one taking control of the receiver.

General Specification

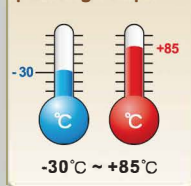
Transmitter					Receiver 
					
No. of Buttons	F24-6S+: 6 Single Step F24-6D+: 6 Double Step	F24-8S+: 8 Single Step F24-8D+: 8 Double Step	F24-10S+: 10 Single Step F24-10D+: 10 Double Step	F24-12S+: 12 Single Step F24-12D+: 12 Double Step	
Weight (without battery)	Apprx. 246 g	Apprx. 249 g	Apprx. 252 g	Apprx. 255 g	
Dimension	245 x 61 x 51 mm				Dimension 234*116*130mm
Power	4 AA Size Batteries (Carbon Zinc, Alkaline, Ni-MH, Ni-Cd)				Weight Apprx. 1240g (without cable)
Operating Distance	Adjustable				Power 24/42/230VAC 48/110/220VAC 36/220/380VAC 48/220/380VAC 110/220/380VAC Tolerance±20% 12~24VDC
Operating Temp.	-30°C ~ +85°C				
ID Code	32 Bits with 4.3 Billion Sets (unrepeated)				
Hamming Distance	>20				

F24+ SERIES INDUSTRIAL RADIO REMOTE CONTROL

Operating Range:
Apprx. 20~100 Meters.
(Selectable)



Operating Temp.:



ID Code:

4.3 Billion Sets
4 2 9 4 9 6 7 2 9 6
An unique Non-Repeated 32 Bit

