

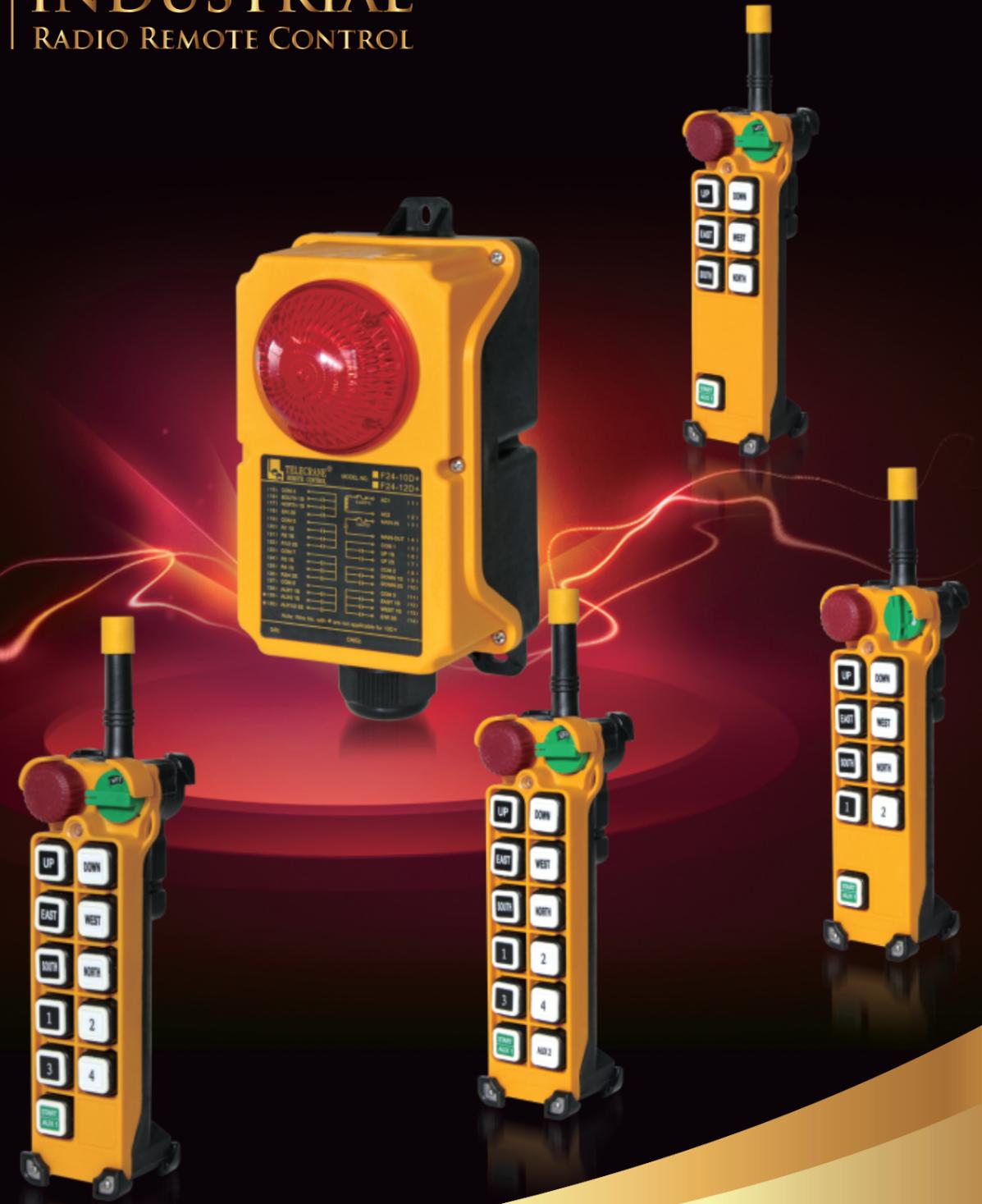
General Specification

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 F24-6D+: 10 double Step	F24-12S+: 12Single Step F24-12D+: 12double Step	Dimension 234*116*130mm
Weight					Weight Apprx. 1900g (with cable)
Dimension	186 x 61 x 51 mm				Power 24/42/230VAC 48/110/220VAC 36/220/380VAC 48/220/380VAC 110/220/380VAC Tolerance±20% 12~24VDC
Power	4 AA Size Batteries (Carbon Zinc, Alkaline, Ni-MH, Ni-Cd)				
Operating Distance	Adjustable				
Operating Temp.	-30 ~ +85				
ID Code	32 Bits with 4.3 Billion Sets (unrepeated)				
Hamming Distance	>20				

F24+

SERIES | INDUSTRIAL
RADIO REMOTE CONTROL

Wireless - the ONLY solution for controlling

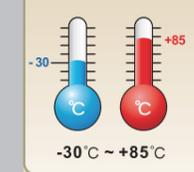


F24+ SERIES | INDUSTRIAL
RADIO REMOTE CONTROL

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



Operating Temp.:



ID Code:

4.3 Billion Sets
4294967296
An unique Non-Repeated 32 Bit



 TELECRANE®



ARRAY ELECTRONIC CO.,LTD

 TELECRANE®

F24+ SERIES INDUSTRIAL RADIO REMOTE CONTROL

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

“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.

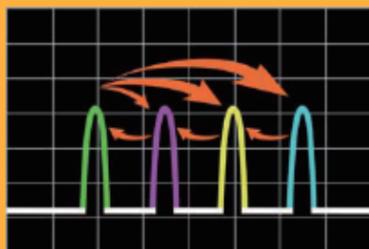
Receiver Multifunctional LED Indicator

- 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

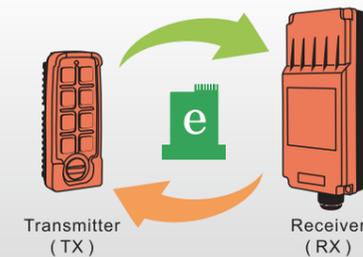
- Assuring frequency tolerance is less than 0.000001% before leaving factory site.
• Reliable radio communication in extreme harshworking environment (-30 C to +85 C).



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.