

# F24-60

## Joystick Controller

**Double Joystick with**

**5 steps**



## *Reliable - High Performance - Economic*

F24-60 serie is best for Tower Cranes, Overhead Cranes and Concrete Pumps.  
F24-60 is equipped with most advanced safety features for making the entire operation safe.

## FEATURES

- Fully programmable relay configuration with maximum 16 relays output per command. (NO extra extension unit required)
- Durable nylon-fiber housing for extra shock resistance.
- Operating range up to 100 meters.
- Pre-wiring standard cable making installation quick and easy.
- New waist belt provide maximum comfort for operator (Optional)
- 3 stages LED battery power indicator
- Acceleration delay time control (Providing smooth moving for multiple speeds cranes)
- Safety features:
  - ▶ 4.3 billion unique ID code
  - ▶ Hamming code
  - ▶ Enhanced Watch-Dog circuit



## Double Joystick with

5 steps



### Transmitter/Receiver / General Specification

Transmitter	General Specification	Receiver
Double Joystick/ 6 Single step buttons (Including start button)	Operating Temp. -35°C ~ +80°C	
1 Emergency button (EMS)	Operating Range 100 M	
1 Rotary key switch	TX power supply 4 AA size Alkaline / Rechargeable Battery	
4 selector switches	RX power supply AC 48/110/220/380 V	
	Protection class IP 65 Industrial standard	
	ID Code 4.3 billion (32 bit)	
	Hamming distance ≥ 4	
Max. 40 relay output (Programmable)	TX Dimension & Weight 220 x 110 x 90 mm Apprx. 860g (w/o batteries)	
NC/NO relay (optional)	RX Dimension & Weight 290x230x70mm Apprx.2200g (w/o cable)	
External passive antenna (optional)		

#### F24-60 Accessories

CD Software & Program Cable

Copier

Battery Charger

Passive Antenna

Waist belt



#### Telecrane other series

#### F21-PLL Series



- \* 6/12 single/double step pushbuttons.
- \* PLL Synthesizer radio frequency control

#### F21-Crystal Series



- \* 2/4/6 single/double step pushbuttons
- \* AC power supply is suitable for small crane/chain hoist
- \* Also available with DC power supply (12~24VDC) suitable for mobile application

#### F24 Series



- \* 8/10 single/double step pushbuttons
- \* Economic model best for overhead crane.

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**TELECRANE**  
Lee's Hi-Tech Ent. Co.,Ltd.  
<http://www.telecrane.com.tw>

[www.telecrane.com.au](http://www.telecrane.com.au)  
P.O.Box 455 South Hurstville NSW 2221 Australia  
tel. 02 95708202  
email. [info@telecrane.com.au](mailto:info@telecrane.com.au)