



# F24-60<sup>®</sup>

## Joystick Controller

Double Joystick with

**5** steps



### *Reliable - High Performance - Economic*

F24-60 series is particular suitable for control of Tower Cranes, Overhead Cranes and Concrete Pumps. This particular model is equipped with most sophisticated 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 delaytime 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

- Double Joystick / 6 Single step buttons  
(Including start button)
- 1 Emergency button (EMS)
- 1 Rotary key switch
- 4 selector switches

Receiver

- Max. 40 relay output (Programmable)
- NC/NO relay (optional)
- External passive antenna (optional)

General Specification

Operating Temp.	-35°C ~ +80°C
Operating Range	100 M
TX power supply	4 AA size Alkaline / Rechargeable Battery
RX power supply	AC 48/110/220/380 V
Protection class	IP 65 Industrial standard
ID Code	4.3 billion (32 bit)
Hamming code distance	≥ 4
TX Dimension & Weight	220 x 110 x 90 mm Apprx. 860g (w/o batteries)
RX Dimension & Weight	290x230x70mm Apprx.2200g (w/o cable)

CD Software & Program Cable



Copier



Battery Charger



Passive Antenna



Waist belt



#### ➤ 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/cranes 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.



TELECRANE®

Lee's Hi-Tech Ent. Co., Ltd.

<http://www.telecrane.com.tw>



**TELECRANE**<sup>®</sup>

LEE'S HIGH-TECH ENTERPRISE CO., LTD

MODEL NO. : F24-60

**Precautions :**



1. Never dismantle this equipment by any unauthorized personnel.
2. An external antenna is required if receiver unit is placed inside a metal box.
3. Please read carefully all the safety instruction and rules before operating.
4. Do not open this unit except qualified personnel.
5. Replace fuse only with specified type and rating. Make sure receiver power remain off before replacing a new fuse.

SERIAL NO. : 36000391

CHANNEL : 008

CE 0678 FCC