

# F21-E1/E2/E1B TRANSMITTER

Economical, safe, convenient



MODEL: F21-E1-TX  
ITEM CODE: 921-006-001  
Dimension: 156 x 61 x 51 mm  
Weight: 255g (without batteries)

MODEL: F21-E2-TX  
ITEM CODE: 921-006-002  
Dimension: 156 x 61 x 51 mm  
Weight: 255g (without batteries)

MODEL: F21-E1B-TX  
ITEM CODE: 921-006-101  
Dimension: 164 x 75 x 46 mm  
Weight: 315g (without batteries)



F21-E1

F21-E2

F21-E1B

## Product features

- 8 operation buttons, 6 single-speed buttons and "STOP"
- 8 control contactors
- With battery voltage warning device, the power supply is cut off during low power
- Program the button function by computer interface
- Up/down, east/west, north/south can be programmed to interlock or non-interlock.
- The spare button can be programmed to start, toggle or normal, etc

## Transmitter Parameters: F21-TX

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 is with 1.6 meter cable
- Battery: one pair
- Operation and maintenance manual

## Safety features

- Unique 4.3 billion ID code
- Hamming code
- Enhanced watch-dog circuit
- With FCC and CE certificate



# F21-RXC RECEIVER

## Start protection circuit

Each system has a dedicated testing circuit. Before the system start, the transmitting system test all switch contacts and receiving system test relays. Only both procedures are passed, then whole system start working.

MODEL: F21-RXC  
ITEM CODE: 921-100-112  
Dimension: 205x86x80mm  
Weight: 620g



## Receiver Parameters: F21-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:

Single-hook, single-speed electric hoist or hoist-type traffic and industrial remote control with 8 contacts or less.