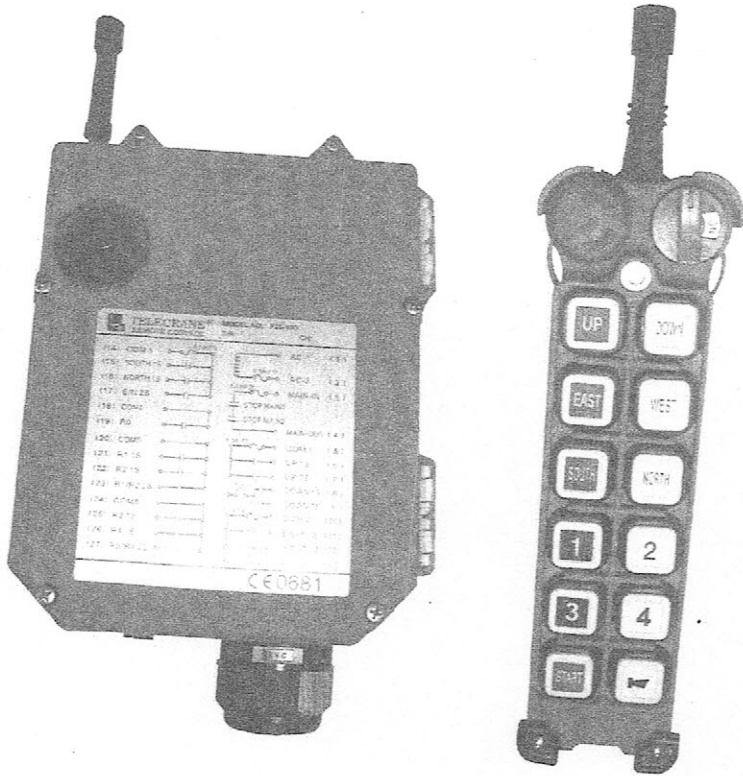


F25 Series Operating Instructions



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

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Safety Considerations

This product and related documentation must be reviewed for safety with safety markings and instructions before operation.

Safety Symbols The following symbols may be found on the product or throughout the remote control documentation.



Refer to Manual

When product is marked with this symbol refer to the manual for additional information.



High Voltage

Indicates presence of hazardous voltage. Unsafe use could result in severe personal injury.



Warning

Denotes a hazard. Included text gives proper instructions. Failure to follow instructions could result in personal injury and/or property damage.



Caution

Denotes a hazard. Included text gives proper instructions. Failure to follow instructions could result in personal injury and/or property damage.

Limited Warranty

Lee's Co., Ltd. guarantees that this product meets its published specifications from the date of shipment from the factory. Under proper installation it will operate as intended. However, Lee's Hi-Tech cannot guarantee that operation in the field is absolutely error-free, or without interruption.

The product is warranted against defects in material and manufacturing for a period of one year from the date of shipment. During the warranty period, Lee's Hi-Tech will provide parts and labor for necessary repairs as long as the product can be proven to be defective.

For repair this product must be returned to the service facility at Lee's Hi-Tech. Buyer will pay shipping charges to Lee's Hi-Tech and Lee's Hi-Tech will bear return shipping charges.

The warranty does not include consumable parts such as batteries, fuses, buttons, and cables. Lee's Hi-Tech does not cover failure or damage resulting from misuse, modification, unsuitable operating environment, natural disasters, or improper setting or improper maintenance.

Liability and remedy

If the product fails to work as warranted above, Lee's Hi-Tech will repair or replace the product. This limited warranty is expressly limited to the lesser of the value of the product. Lee's Hi-Tech disclaims any liability as a result of direct, special, incidental or consequential damages.

The above is the full and complete warranty, expressed or implied, except for the above mentioned.

Precautions of Operation (I)

Attention



1. Never dismantle the equipment by any unauthorized person. The equipment may be damaged.
2. This manual is for reference only. Please consult your distributor for assistance.
3. The equipment has been strictly tested for quality before leaving the factory. However, this equipment must not be used in dangerous areas where damage may result.
4. After operation, shut off main power to the crane, power off the transmitter and remove transmitter key.
5. Transmitter should be placed in a safe area when not in use. Avoid the pressing of buttons.
6. The crane should be equipped with main power relay, limit switches and safety devices.
7. Don't use equipment during lightening or high electrical conditions.
8. Make sure that the batteries are in good condition and properly charged.
9. Maintenance should only be done while the crane's main power is off to prevent electrical shock.
10. The contents of this manual may be amended by the manufacturer without notice.
11. The manufacturer may introduce new functions to the equipment. Therefore, the descriptions may change.

Precautions of Operation (II)

Industrial facility is relatively dangerous; therefore, operator should receive adequate trainings in using F25 system.

The machine should be healthy and have good judgment in

The transmitter is so durable and resistant for the fluctuating conditions. Still need be taken to prevent it from the severe impact or

In the event of an emergency occurred the equipment should be stopped at once.

The operator should be notified when the equipment will not be used for a long

"Procedures of Emergency" as follows.

Emergency

In the event of an emergency, please follow the steps below and ask the distributor for

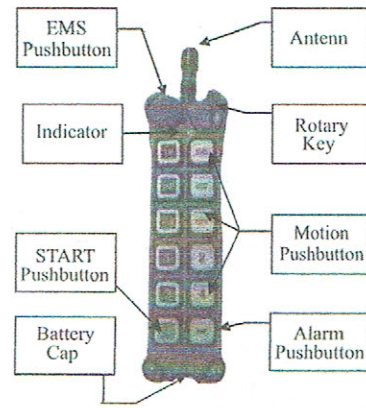
to "OFF" position and remove it.

power of crane.

to find out the reason.

Operation (I)

When you acquire a standard and full set of F25 system, it includes the following items, Transmitter and Receiver. The overview of transmitter and receiver is as follows:



(1) Transmitter

(2) Receiver

General Operation

1. Install four AA size batteries in the transmitter and make sure the positive and negative direction are correct.
2. Insert the rotary key into the keyhole at "OFF" position and turn it to "ON" position.
3. Press the "Start" pushbutton to Power-On.
Note: If fail to follow the procedure above, the LED light will be flashing in red.
4. Operate normally according to the function setting has done.

Operation (II)

Following procedure after operation.

to "OFF" position.

key.
 e s when the equipment is not going to be used for a long

Power Battery

power indicating function with LED display.
 : Sufficient power to operate transmitter.
 ": Power is depleting. Operation must be stopped immediately
 down the loads to ground) to replace batteries.
 insufficient power. Transmitter will send out an emergency
 the receiver due to insufficient power. Operator should
 situation in order to maintain the safety of operation.
key of the transmitter to "OFF" position; it will not only
on of the receiver but also save the power. Otherwise, the
keep staying in the standby mode and causing more power

Supply
 with 4 kinds of Transformer (24V/42V/230V
 /220V/380V · 48V/220V/380V) that allows user to choose
 out on site and the designated voltage will be set when the
 ory.

Operation (III)

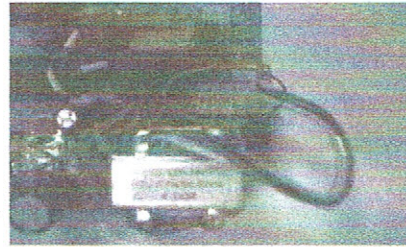


Fig-1

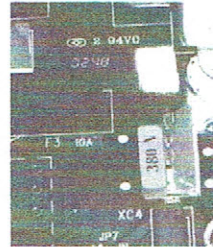


Fig-2

Changing power supply voltage

1. Disconnect the power of receiver.
2. Remove the connector plug of the transformer from its original position.
3. Insert the connector plug into the new position, See Fig-2
4. Complete the procedure.

Note: Users are allowed to select the different power source according to the
 respective requirement. However, the transformer must be replaced according to the
 check with your local distributor for replacement of transformer if necessary.

ection and Fault Detection

important and will ensure the safety of operation. Inspection
 "emergency stop" and other safety devices and functions. If there is
 must be stopped immediately and problems must be solved
 tion.

simple fault detection mechanism. While start and during the
 ion mechanism will indicate the faulty signals if any
 Operator must understand the faulty signals and notify the

Detection

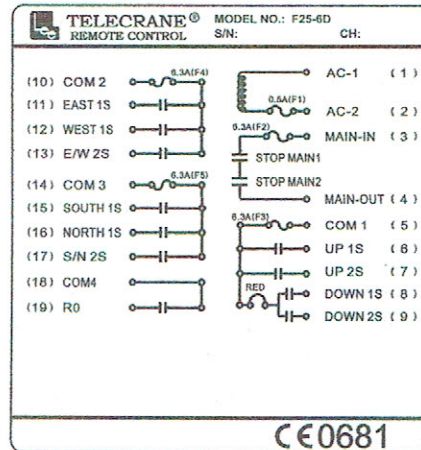
transmitter is fast flashing in red, then there must be the

ions are jammed or stock..

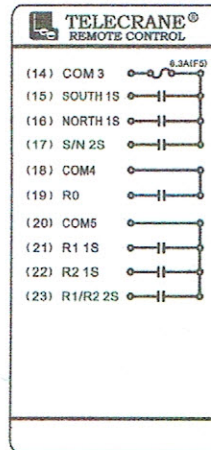
been released.

rect Power-On procedure.

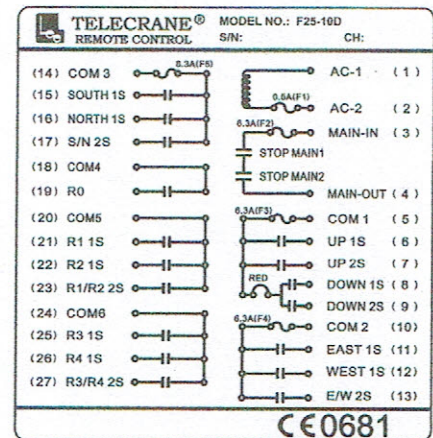
Wiring Diagram



F25-6D Wiring Diagram



F25-8D Wi



F25-10D Wiring Diagram