



The quartz crystal is marked as follows:



Note: the transmitting frequency and the receiving frequency must be the same

Eight.How to replace the fuse:

Please use a screwdriver to press down the cover of the fuse holder and turn the lid on counterclockwise rotation.Take the fuse out again. When assembling, please first put the correct current value fuse on the lid, together with the guarantee. The fuse and lid are put in the fuse holder, then the lid is pressed down and rotated clockwise with a single screwdriver.You can.

Nine.LED indicator fault message display:

- when the transmitter is installed on the battery, press the button. If the transmitter LED indicator is red, it will flash quickly.The ejector may have the following conditions:
 - key card die (notify the dealer)
 - emergency stop knob not rotating
 - does not operate correctly according to the set mode
- the transmitter LED indicator shows a slow yellow light flashing. This is a transmitter memory failure. Please connectDeal with the collaterals dealer

Ten.Simple method of Troubleshooting:

- when the operation is wrong or abnormal operation, the transmitter LED indicator is always on the red light.Remove the battery and install it back to the launcher.
- when the receiver fails to operate, please turn off the receiver's power for more than 20 seconds and then send the power back.

F21Series E1, E1B, 4D, 4S, 4SB, 2D, 2S use manual

One.warranty

Quality assurance

Our company guarantees that when the product is out of factory, it fully complies with the specifications announced,so long as it is properly installed,They can be used normally,but Our does not guarantee that the operation of this product is no interruption or zero error. Mistake

Guaranty period

This product enjoys a warranty period of one year from the date of manufacture, ensuring that there will be no product in a year.If the quality of the product is proved to be defective during the warranty period, Our is willing to repair it. whateverProducts that need to be repaired must be sent to Our's designated service department. The customer must take care of the products.The one-way freight will be paid by the Department, while the service company will pay the return fee within the guarantee period.This product.

Non inclusion

The scope of warranty mentioned above does not contain loss components or assemblies such as buttons, relays, fuses, batteries, etc.The substrate damage caused by the machine error and so on, and does not contain natural reasons due to improper use of customers, irresistible reasons, and so on.Factors, lack of maintenance, neglect of operating environment specifications, unauthorized changes, erroneous use or customers.Failure to set up the interface by itself

Remarks

- ★ ★ There are no other stated or implied warranty matters in the foregoing guarantee.
- ★ ★ The compensation provided by the warranty is the sole compensation for the customer, and Our company is not responsible for any direct or indirect compensation. Damage liability for connection, special, accidental or cause and effect

Points for attention

General precautions

- ★ ★ A person without professional training shall not disassemble the machine, otherwise it may be damaged and cause injury.
- ★ ★ After use, the total power supply of the overhead crane is hard to shut down to cut off the power of the receiver and switch the key switch of the transmitter.Remove.
- ★ ★ Overhead crane should have total power supply relay, limit switch and other safety facilities.

Installation attention

- (one) the location of the receiver must be further away from the inverter, motor and its connection cable, so as to avoid the connection. The receiving machine was disturbed by the noise.
- (two) the receiver can not be installed in the electrical control box. The correct installation is to fix the receiver on the top of the electric control box. The appropriate location of the part (or external), then the receiver output cable is inserted into the electrical control box for proper connection. Line.
- (three) there are 4 billion sets of safety codes in this series of remote controllers. The setting of safety codes is different when they are released from factories. It is also necessary to confirm that the same security code can not be used in the same working area to avoid interaction. And there is a misoperation.
- (four) the equipment of the same channel can not be used within 200 meters to avoid interference from radio.

Three. Treatment of emergency

When emergency occurs, please follow these steps and notify the distributor immediately.

1. press the emergency stop (STOP) button.
2. remove the key switch of the emitter.
3. close the overhead power supply.
4. notify the dealer to find out the reason

Four. Ordinary operation

1. load the AA type (3) battery in the right direction into the transmitter.
2. open the machine according to the set mode. Note: the LED indicator lights on the transmitter will not flicker quickly when operating.
3. operate correctly according to the functions set by the buttons on the transmitter.
4. after the operation is completed, the following order is processed (1) press the emergency stop button (2) to turn the rotary key switch counterclockwise. The direction is transferred to the OFF position and the key is removed. (if F21-E1B/4SB/2D/2S, then pull out Except for the magnetic key.
5. if you don't use it for a long time, you need to remove the battery from the battery box.

Five. The use of emitter battery:

The transmitter uses two AA (3) alkaline batteries, but no rechargeable batteries are allowed. When the battery is full, when the transmitter button is pressed, the transmitter LED indicator flashes for the green light; otherwise, when the battery is used for a period of time, after the battery voltage is insufficient, the transmitter LED indicator is red light flashing (or the LED indicator is not). At this time, the transmitter will not be able to continue operation, and the battery must be replaced immediately.

Six. The selection of the power supply for the receiver

The receiver is divided into direct current (DC) or AC (AC).

1. receiver suitable for DC power supply, can be directly connected to 12~24 volt DC power supply.
2. suitable for AC power receiver, input voltage has 5 kinds of transformer power selection, namely AC 24/48, 48/110, 48/220, 110/220 and 220/380 volts, each transformer has two kinds of voltage. The voltage selector (JUMPER) on the circuit board is selected for the location of high (HI) or low (LO), such as As shown in the drawings.



→ Voltage selector

| Transformer Selector position | AC24/48V | AC48/110V | AC48/220V | AC110/220V | AC220/380V |
|----------------------------------|----------|-----------|-----------|------------|------------|
| Low(LO) | AC24V | AC48V | AC48V | AC110V | AC220V |
| High (HI) | AC48V | AC110V | AC220V | AC220V | AC380V |

Seven. Quartz crystal frequency replacement methods and markings for transmitters and receivers:

This machine has different circuit boards for VHF (300MHz) and UHF (400MHz) two frequency bands. One band changes the channel by changing the quartz crystal, and the transmitter needs to be changed when changing the channel. The quartz crystal can be transformed into a pair of frequencies at the same time as the quartz crystal of the receiver, so that it can be used normally. When changing, please note that it is Shi Yingjing or VHF frequency band, and uses the correct VHF and UHF frequency band of Shi Yingjing. Body. On the circuit board, there are "V" signs after V or U letters, and the frequency bands that journalists can use for this circuit board are as follows. It is a method of disassembling and assembling quartz crystals.

- (1) pry the front end of quartz crystal with a single screwdriver.
- (2) take out quartz crystal.
- (3) the quartz crystal to be replaced by a sharp pin is used to clamp straight quartz crystal feet.
- (4) quartz crystal receptacle is vertically inserted into the circuit board.
- (5) the quartz crystal is obliquely pressed into the protective seat

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.