

**GOTI**

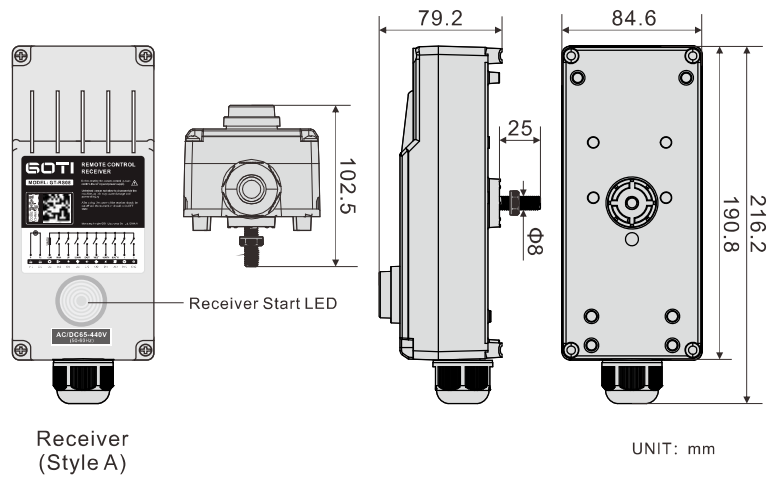
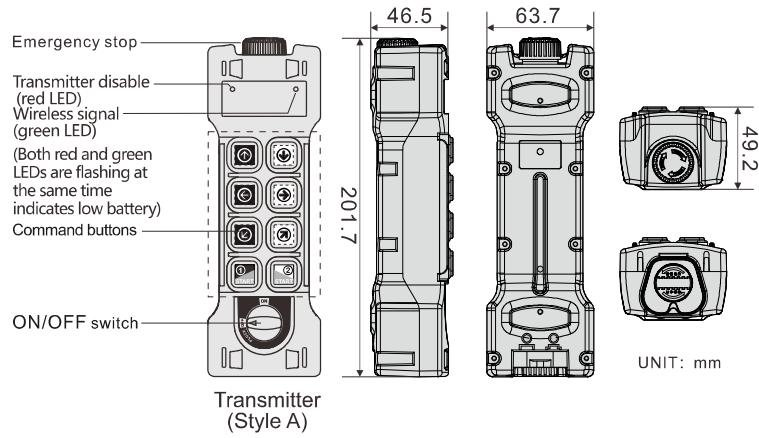
**USER MANUAL**  
VER:V3.5

**GT SERIES**


REMOTE CONTROL

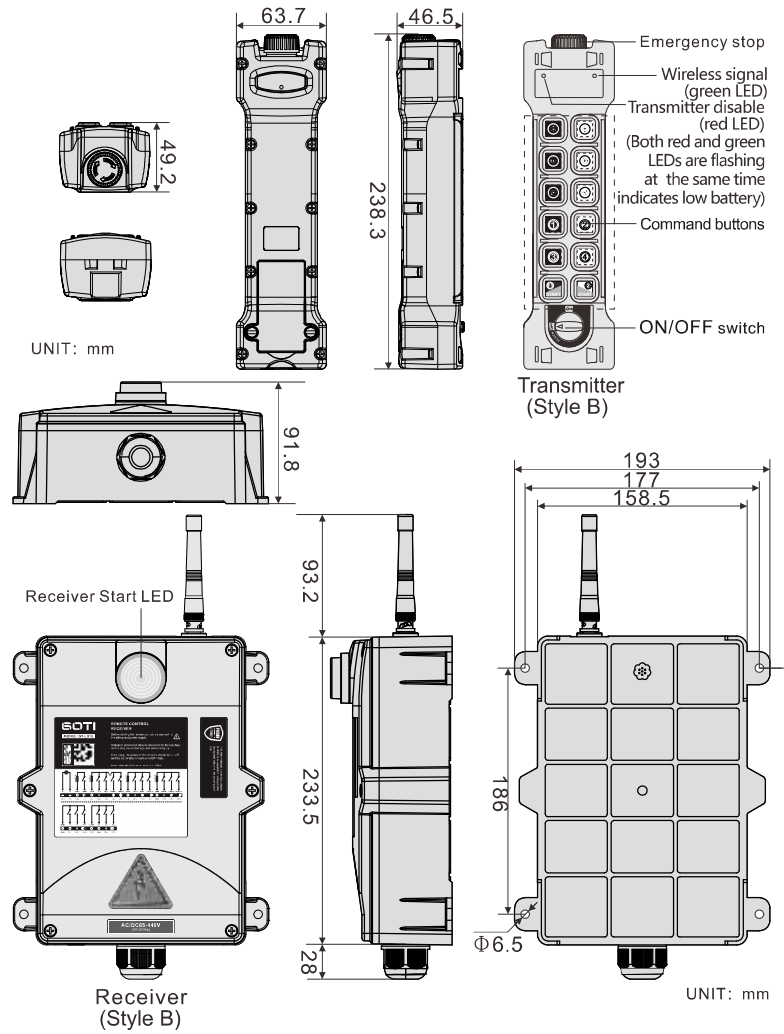
## Product diagram

English 




## Product diagram

English 



## Product introduction

English 

Industrial remote control system is more and more widely used in various industrial fields and brings much positive effects. With the industrial remote control system, workers can hold the portable transmitters on hand, walk freely and choose the best position to operate. It makes the working environment be safer, reduces the injury accidents and saves manpower cost during the operation. With remote control, the operator can finish various tasks independently, which will improve the working efficiency.

The GOTI Industrial remote control is very flexible and convenient, and it can be configured with multiple functions. The system can adapt to all kinds of complex industrial environment and meet the strict requirements of modern industry for reliability and safety. It can be used in most areas. At present, GOTI remote control system is mainly used in 4 areas: vehicles equipment, industrial control, lifting machinery and door control system. Such as crane, engineering machinery, lifting platform, travelling crane, hydraulic equipment, automobile tail board, breakdown vehicle, conveyor belt, industrial door and robot, etc.

## Operation steps

### Receiver operation steps:

- Connect the output signal of the receiver to the control circuit one by one before the device is powered on.
- Check the voltage of the remote control and connect the power cable to the corresponding power supply.
- Check and make sure all wiring is correct, then turn on the power and the receiver is powered on.

### Transmitter operation steps:


- Insert the AA batteries with full power in the battery compartment of transmitter and lock the battery back cover.
- If the emergency stop is enabled state, please rotate it and pop up.
- Turn the "ON/OFF" switch to "ON" state.
- Enter password ↑ ↑ ↑ ↑ , factory default password is ↑ ↑ ↑ ↑ .
- After pressing start button, the receiver start LED is always on, the main relay act, and the remote control completes starting.

### After operation, turn off the remote control according to the following steps:

- Press the emergency stop button
- Turn the ON/OFF switch to OFF state then pull it out and keep it properly.
- If it is not used for a long time, it is necessary to remove the battery from the battery compartment.
- Turn off the receiver power supply.

NOTE: If the transmitter is not started according to the operation steps, the Function LED will flash red.

## Parameter list


English 

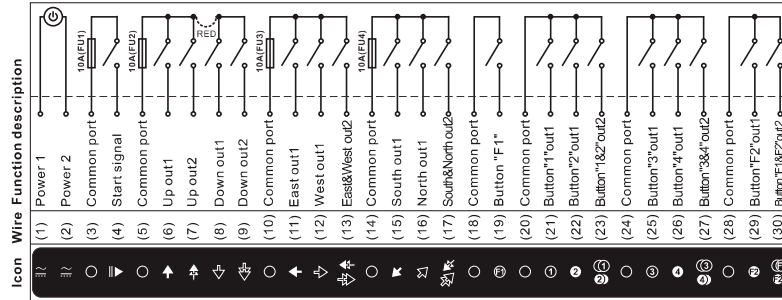
Material	Glass-Fiber PA	Ingress Protection	IP65
Frequency range	UHF: 430~450MHz	Safety code	32 bits(4.3billion)
Transmitter radio power	≤10dBm	Receiver sensitivity	-110dBm
Transmitter power supply	2*AA batteries(DC3V)	Receiver power supply	AC/DC18-65V/65-440V
Temperature range	-20℃~+85℃	Relay contact rating	8A/250V
Control distance	≤100 meters	Cable length	1.5 meters

## Attentions

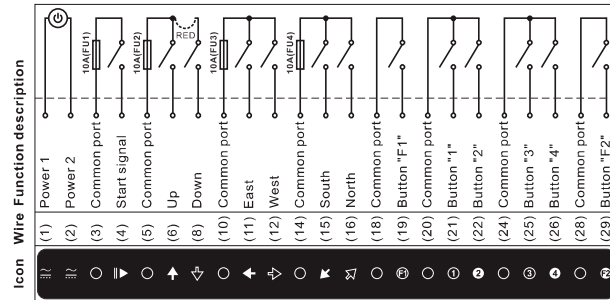
- Before installing the receiver, turn off the power of the receiver and ensure that the power is cut off to avoid the risk of electric shock.
- The receiver installation location should be selected to avoid contact with sparks. It should be kept away from the motors, contacts and cables etc. It should avoid access to high-voltage wiring or facilities. It also should not be conflicting with the protruding part of building.
- When installing the receiver, make sure that the fixing screws have been locked to prevent the receiving from falling.
- It is necessary to understand the circuit of the control equipment and the wiring instructions and function settings of the remote control as soon as possible to avoid incorrect wiring and damage to the equipment and remote control.
- The receiver should not be installed inside of the electric cabinet. The correct installation method is to fix the receiver on the top outside of the electric cabinet, then connect the receiver cable with the electric cabinet.
- There are 4.3 billion groups of safety code for this series of the remote controller. The factory default setting of these safety codes are all different from each other. Make sure there is no remote control with the same safety code in one working area to avoid mutual influence then causes the incorrect operation.
- There are two power supply solutions of the receiver (AC/DC18-65V and 65-440V) for user to choose. The voltage is set when producing according to the client's demand. Make sure the supply voltage is the voltage what the receiver needs before use.
- There is a supply power monitoring function of the transmitter. If the power LED lights in red, stop working (for example, lower the hanging item onto the ground) and replace the battery as soon as possible.

## Wiring diagram

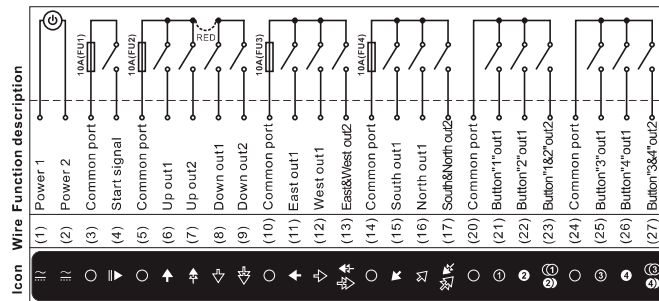
English 



GT-LD12 Wiring diagram




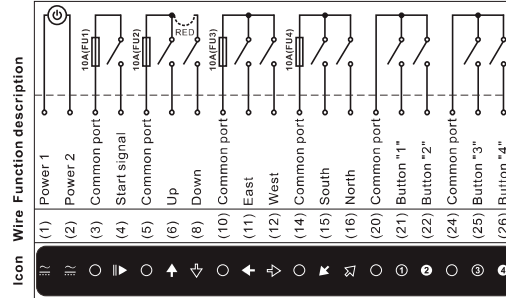
GT-LS12 Wiring diagram



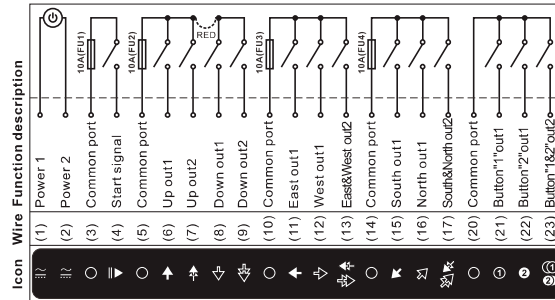
GT-LD10 Wiring diagram

## Wiring diagram

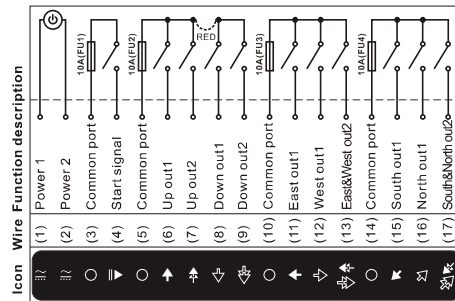
English 



GT-LS10 Wiring diagram




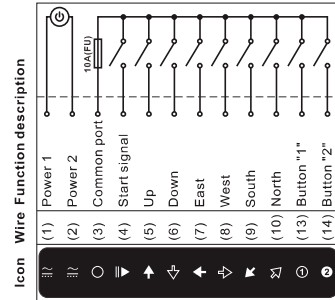
GT-LD08 Wiring diagram



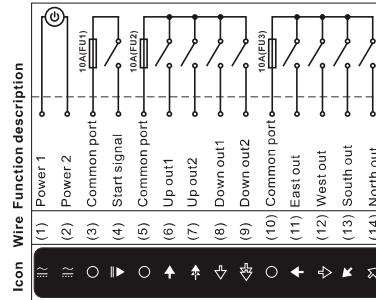
GT-LD06 Wiring diagram

## Wiring diagram

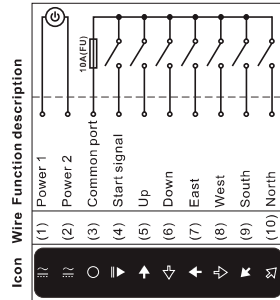
English 



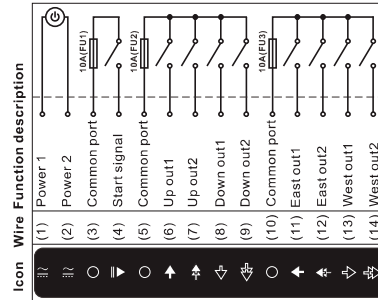
GT-RS08 Wiring diagram



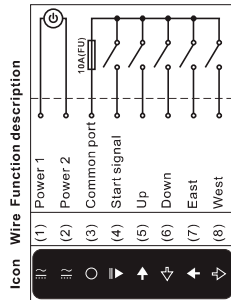
GT-RS06-D2 Wiring diagram



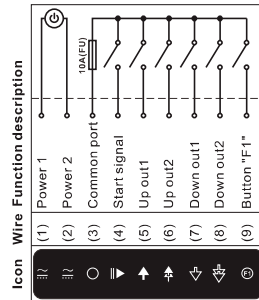
GT-RS06 Wiring diagram



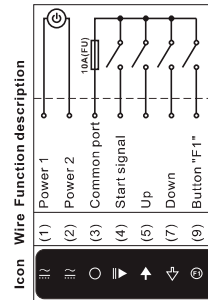
GT-RD04 Wiring diagram



GT-RS04 Wiring diagram



GT-RD02 Wiring diagram



GT-RS02 Wiring diagram