

2.4G Car Link Unit User Manual

Model: 092-A2L+CZ-BT

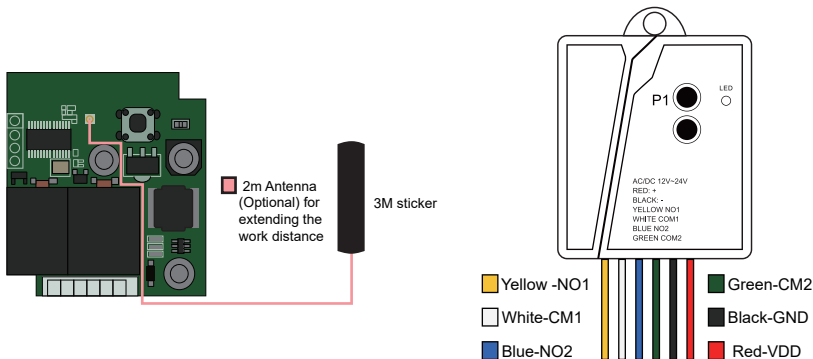


Product description

The 2.4G car link unit includes a 2.4G USB transmitter and a 2.4G receiver, which can be applied perfectly in the automation swing gate opener, sliding gate opener, boom barrier gate opener, roller shutter gate opener and garage door opener system, and so on. Plug the 2.4G USB transmitter into your car, while you drive the car and arrive at the gate, the gate will be opened automatically. There has max 340pcs USB card can be programmed into the same receiver and auto-opening the gate, realize the keyless entry. And it also has auto-closing the gate function.

I. Specifications

Product type	2.4G USB transmitter and receiver
Frequency	2.4G
Channel	2 channels
Work voltage of receiver	AC/DC 12V-24V
Working current of receiver	18mA ± 2
Memory capacity	340pcs USB transmitter
Working voltage of USB transmitter	DC 5V
Working current of USB transmitter	1mA ± 0.5
Work distance	10m

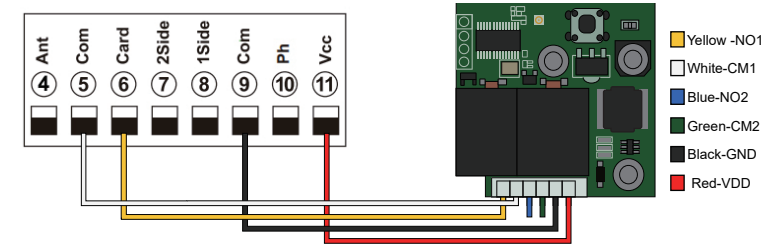


Installation

• Connect with “open” port on the control board

If your gate opener has the auto-closing function, you only need to connect the channel 1 of the receiver with the “open” or “Start” or “2 SIDE” or “1 SIDE” or “Card” or “Loop” port etc(which can control to open the gate) to trigger the auto-opening function.

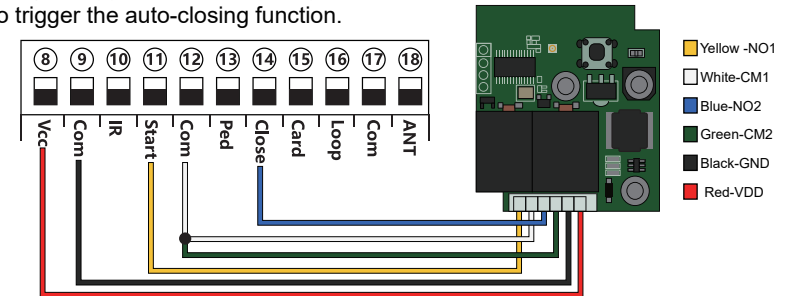
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- ① Connect the yellow wire of Channel 1 with the “open” or “Start” or “2 SIDE” or “1 SIDE” or “Card” or “Loop” port on the control board.
- ② Connect with the white wire of COM with the “Com” port on the control board.
- ③ Connect the VDD with the “VCC” or “AC/DC 12-24V” or “VDD” port and “COM” port on the control board.
- ④ Connect the GND wire with the “COM” port on the control board.

• Connect with “open” and “close” ports on the control board

If your gate opener doesn't have the auto-closing function, you can connect channel 1 of the receiver with the “open” or “Start” or “2 SIDE” or “1 SIDE” or “Card” or “Loop” port etc(which can control to open the gate) to trigger the auto-opening function. And connect channel 2 of the receiver with the “close” port to trigger the auto-closing function.



- ① Connect the yellow wire of Channel 1 with the “open” or “Start” or “2 SIDE” or “1 SIDE” or “Card” or “Loop” port on the control board.
- ② Connect the blue wire of Channel 2 with the “Close” port on the control board.
- ③ Connect the white and green wire with the “COM” port on the control board.
- ④ Connect the VDD with the “VCC” or “AC/DC 12-24V” or “VDD” port and “COM” port on the control board.
- ⑤ Connect the GND wire with the “COM” port on the control board.

Operation

• Program the USB transmitter into the receiver

Step 1. Power on the USB transmitter. It will keep transmitting a signal.

Step 2. Press the P1 button once on the receiver and the LED will light on. Then the LED will flash twice if the programming is successful.

Note: If you press the P1 button again or programming fails, it will exit the programming mode automatically.

• Delete the USB transmitter

Press and hold the P1 button for about 5 seconds, while the LED flashes 5 times and release the button. All the transmitters will be deleted.

• Application

The user connects the receiver with the gate opener controller, and programs the USB transmitters into the receiver. When the person drives his car with the USB plug inserted into the charging port, the gate will be auto-opening within 10 meters. And the gate will auto-closing after the car turns off the engine or drives away from the gate.

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