

WS-310 USERS GUIDE

DIGITAL TRANSMITTER and RECEIVER

PRODUCT DESCRIPTION:

The WS-310 series Transmitter and the Receiver are a miniature pair, ideal for the opening and locking of automatic doors. The transmitter is powered by a standard 12V battery and a red indicator lights when the transmitter is activated.

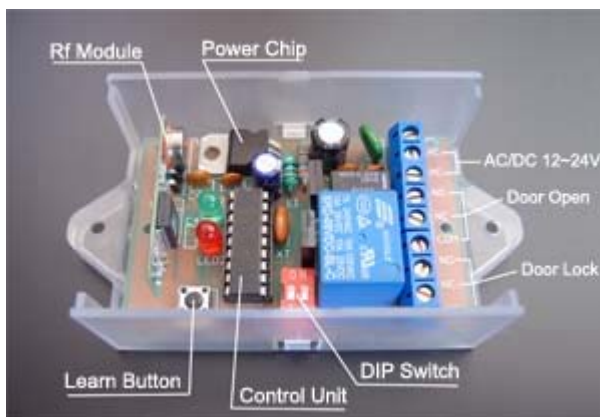
OPEN Button: The transmitter is available in hand-held style and transmits a unique rolling code each time the switch is closed to provide a secure door-opening signal.

LOCK Button: Can use the Lock button (Left button) to lock the door and then the open button can't open the door.

SPECIFICATIONS:

Description	Specification
Frequency	433M (315M is optional)
Emitted Radio Power (Transmitter)	-5 dBm
Power Consumption (Transmitter)	10mA
Input Voltage (Receiver)	12 to 24VAC/DC
Operating Temperature	14°F to 131°F (-10°C to 55°C)
Max. Number of Transmitters to be programmed to one receiver	10 Transmitters
LEDs	Red LED = Receiver Learn Green LED = Output Activation
Dimensions (L x W x H)	
Transmitter	2 1/4" x 1 3/8" x 1/2" (56 mm x 36 mm x 14 mm)
Receiver	3" x 2" x 1" (77mm x 52mm x 27mm)

RECEIVER COMPONENT ID:



SAFETY:

The Digital Transmitter and Receiver are 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 operations.

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

PROGRAMMING:

To program the transmitter to the corresponding receiver, perform the following:

1. On the 433MHz digital receiver, press the white-black learn button once (the Red LED will illuminate).
2. Within 20 seconds, press the button on the transmitter once (the Red LED on the receiver will extinguish).
3. Press the transmitter button again (the Red LED will flash for 2 seconds).
4. Press the transmitter button to verify receiver detection (the green LED will illuminate and the relay will work for the length of time set by the dipswitch).

NOTE: A maximum of 10 transmitters may be programmed to one receiver.

RECEIVER DIP SWITCH OPERATION:

Dip switch 1	Description	Function
OFF	MOMENTARY PULSE	Press the transmitter once and the relay will be active momentarily
ON	RATCHET RELAY	Press the transmitter once, and the relay output is active indefinitely, press it again, and it will become passive.

Dip switch 2	Description	Function
OFF	0.5 second Hold time	Relay will remain active 0.5 seconds after the loss of activation
ON	10s second Hold time	Relay will remain active 10 seconds after the loss of activation

SAFETY PRECAUTIONS:

- Shut off all power going to the header before attempting any wiring procedures.
- Maintain a clean & safe environment when working in public areas.
- Constantly be aware of pedestrian traffic around the door area.
- Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- Always check placement of all wiring before powering up to insure that moving door parts will not catch any wires and cause damage to equipment.

COMPANY CONTACT:

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call WAFER for further assistance during China Beijing Standard Time at 0086-21-68458945 from 9am - 5pm.

Or Please contact our local agent as soon as possible.

And you also can use our online service MSN: waferstar@hotmail.com.

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