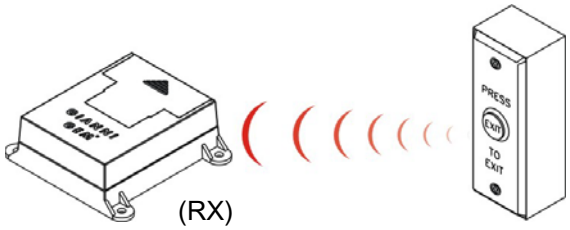
WPB Series Wireless Push Button

User Guide



(RX) (TX)

I. Specifications:

RF Hopping Code Controller (RX)		Remote Transmitter (TX)	
Power	12~24 VDC	Power	Input 12 VDC battery
Current draw	Pull in: 50mA/12 VDC , Holding: 20mA/12 VDC Pull in: 70mA/24 VDC , Holding: 40mA/24 VDC	Transmitting frequency	433 KHZ
Output	1 relay (N.O./ COM/ N.C.)	LED indicator	The brightness of LED is based on the capacity of the dry battery
Relay Rating	3A/120 VAC ; 3A/24 VDC		
Buzzer indicator	The receiver (RX) starts beeping when the battery is lower than 7 VDC	Transmitting distance	Max. 50~60M
LED indicator	Green LED -> Power Red LED -> Receive & input	Embedded modules	Hopping Code IC
Timer setting	1,3,5,10 seconds	Battery Life	Max. 13,000 cycles
The quantity of the remote transmitter applied	15 pcs	The Lowest voltage	Not lower than 7V for the battery of the remote transmitter

*PB contact can connect " Request to Exit Button" which is the same function as the remote transmitter.

Operating indication:

■ Encoding the remote transmitter:

Press **"Learning Key"** -> then press the button of the remote transmitter -> remote transmitter data encoded. When encoding, if the button of the remote transmitter is pressed constantly, it will not only be encoded but also implement to open the door. To encode other remote transmitter, please do the operation again.

Attention: there are 15 remote transmitters' data can be encoded into to the receiver, if the 16th is intend to encode, the data of 1st remote transmitter will be replaced by the 16th . There will be no influence if the data is re-encode.

■ Reset the unit to delete all the remote transmitter coding data:

Press "**Learning Key**" constantly (LED on) for approximately 8 sec. until the LED off which means all the data in the receiver has been deleted completely.

■ Battery

1) The voltage of a new battery is about 12.6V that is allowed to transmit data and work perfectly about 10,000 cycles and 13,000 cycles most.

2) Low-battery indication

Diagram A: WPB to be used as door access control

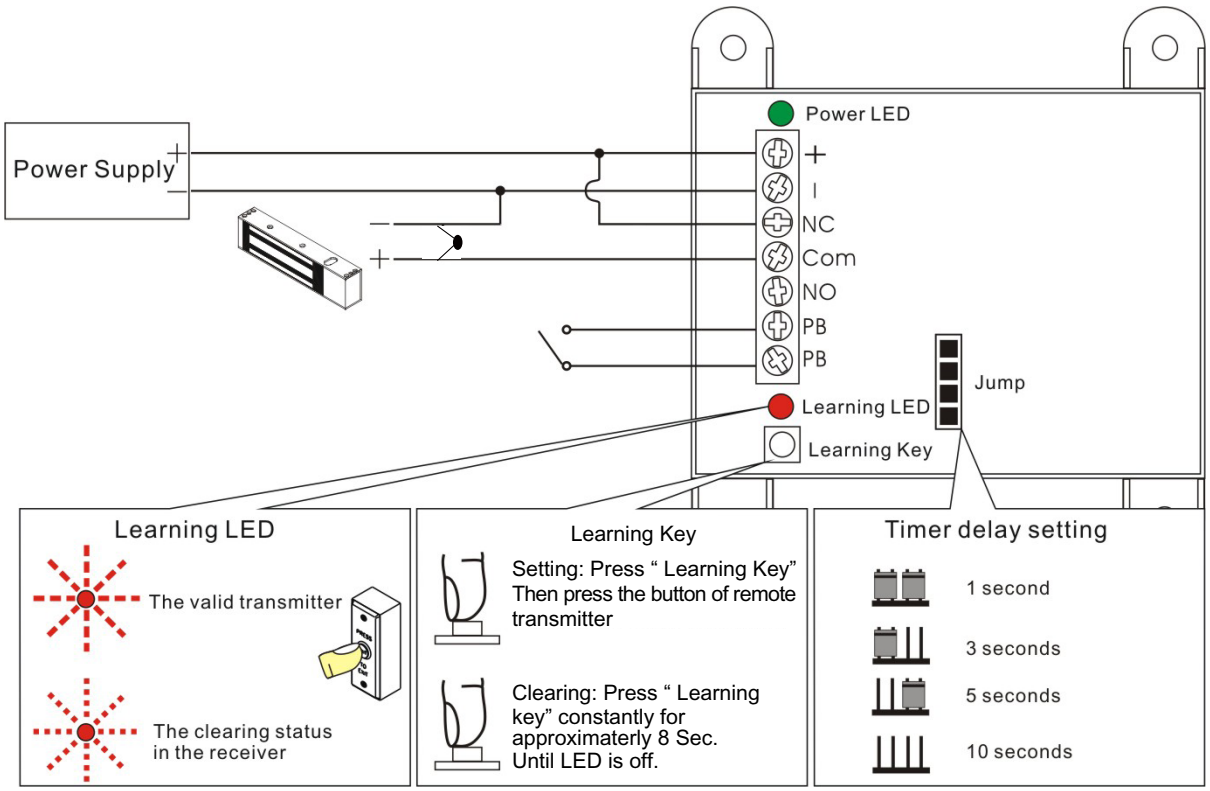


Diagram B: Associate with proximity reader or keypad