

TM58XX Tubular motor receiver User manual

Safety instruction

- 1 For security, please read the instructions carefully before initial operation; making sure the power is off before connection.
- 2 Please clear the memory before initial operation. (Ref. Erasing ALL learned / memorized transmitters)
- 3 Do not learn the remote control when the motor is operating in order to avoid mis-operation.
- 4 The received signal may be interfered by other communication devices. (e.g. the wireless control system with the same frequency range)
- 5 It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
- 6 It is used only for the manual remote control and wireless control equipment / system which must not endanger life or property during running failure, or its security risks have been eliminated

Technical parameters

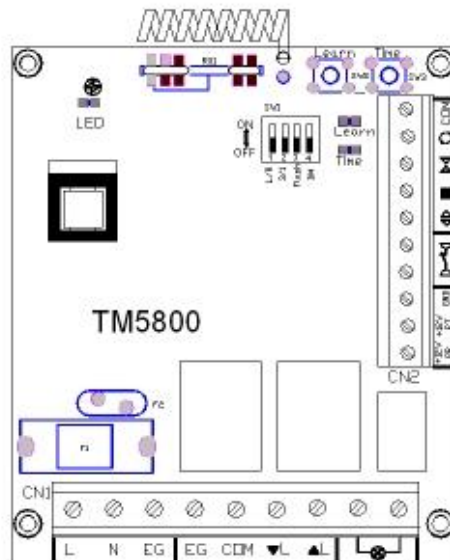
Power	85-265VAC 50HZ/60HZ	Weight	242g
Loading capacity	1HP/230VAC or 0.5HP/110VAC		
Temperature	-20°C to 60°C	IP	56
Transmitter stored	Rolling 30;Fixed 60	Built-in fuse	F10A
Size(mm)	150(L)*100(W)*40(H)	Frequency	433.92Mhz
Control button	PCV button, external switch and remote control		
CE certification	EN300220-1, EN301489-1, EN62479, EN60950-1		

Function

- 1, Learning transmitters: Press the learning button in the control board, LED is on, enters into the learning process; Press the same button twice, LED blinks for several times, then off. The learning process is successful.
- 2, Use the transmitter that already has been learned as old transmitter, press button 1 and button 2 at the same time. Then press button 2 to let it enters into the learning process. Press the same button on the new transmitter twice. The learning process is finished. In this way new transmitter can be learned without pressing the learning button on the control board.
- 3, Erasing transmitter: Press the learning button, continue pressing for 8s until LED turns off; Release learning button, LED will be on (about 1s) and then off; the erasing process is successful.
- 4, Button 1,2,3 in transmitter is in correspondence with open, close and stop.(The same as button on controller and the external three button control); Single-button control is only effective to the learned button(The same as external single circle control).If a new button of transmitter learned into the control panel, the formal one is useless

Model list

Model	TM5801	TM5803	TM5811	TM5813
Color	White	White	Black	Black
code	Rolling	Fixed	Rolling	Fixed



DIP switch

	ON OFF	ON OFF	ON OFF	ON OFF
NO	Clockwise	Single button	Flashing	Deadman
OFF	Anticlockwise	Three buttons	Keep lighting	Impulse

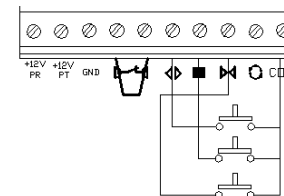
Transmitter Operation

- 1, Single button (Open-stop-close-stop); Three button (Open, stop, close).
- 2, Deadman model: Door moves when keep pressing button and stops when release; Impulse model: Press button and door moves, press button and door stops
- 3, Infrared protection: It only work when door closing. Motor stops when photocell signal disconnecting during door closing.
- 4, Flash lamp: Lighting or blinking (frequency is 60 times) is optional when motor is running
- 5, Running time set up: Motor running time is adjustable from 5s to 100s. Press 【TIME】 and LED will blink after 5s, then release the button after the pre-set time is appropriate .
- 6, Self-learning function; Max remote distance over 50 M

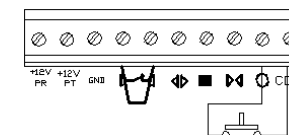
Terminal introduction

CN1		CN2	
L	Power L line	+12V PR	Photocell receive module power terminal +
N	Power N line	+12V PT	Photocell transmit module power terminal +
EG	Ground wire	GND	Photocell transmit&receive module power terminal -
EG	Ground wire	⏏	Infrared contactor (NC)
COM	Motor COM	⏏	Open(NO)
▼ L	Down line	■	Stop(NO)
▲ L	Up line	◁▷	Close(NO)
⊗	Flash lamp	⊙	Single button control(NO)
		COM	Public port

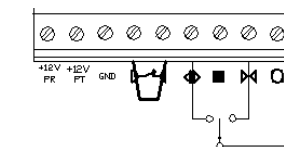
External 3 buttons control



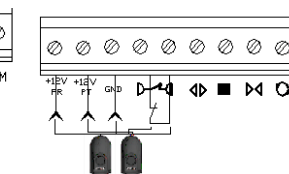
External 1 button control



External self-lock switch (Deadman)



Photocell connection



Power, Motor, Flash lamp connection

