

# » TABLETA MULTITENSION PARA MOTOR CENTRAL, LATERAL Y TUBULAR MARCA ACM MOD.UNIVERSAL

## TM5821 Tubular motor receiver User manual

### Safety instruction

- For security, please read the instructions carefully before initial operation; making sure the power is off before connection.
- Please clear the memory before initial operation. (Ref. Erasing ALL learned / memorized transmitters)
- Do not learn the remote control when the motor is operating in order to avoid mis-operation.
- The received signal may be interfered by other communication devices. (e.g. the wireless control system with the same frequency range)
- It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
- This product is only used for the equipment which will not cause life or property hazards when a breakdown happens or its security risks have been already eliminated

### Technical parameters

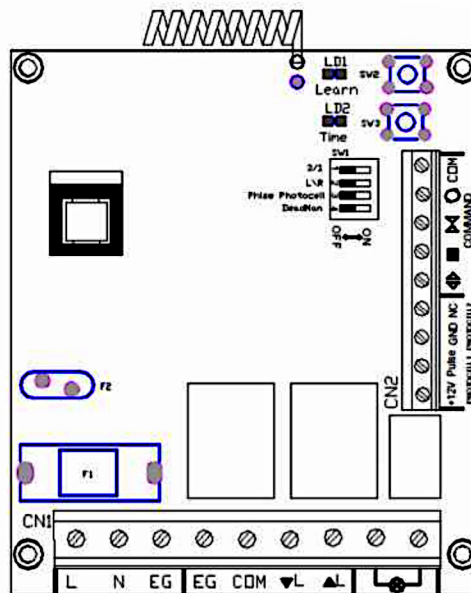
Power	85-265VAC 50HZ/60HZ	Weight	239g
Loading capacity	1HP/230VAC or 0.5HP/110VAC		
Temperature	-20°C to 60°C	IP	56
Transmitter stored	Rolling 30;Fixed 60	Built-in fuse	F10A
Size(mm)	150(L)*100(W)*40(H)	Frequency	433.92Mhz
Control button	PCV button, external switch and remote control		
CE certification	EN300220-1/-2, EN301489-1/-3, EN60950-1		

### Transmitter Operation

- 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.
- 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.
- 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.
- 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

### Photocell(Safety Edge) Protection

- Three kinds of photocell (safety edge) are compatible with the controller: ①NC contact(DIP-3 set as OFF) ②Pulsing signal (DIP-3 set as ON) ③ Both NC contact and pulsing signal (DIP-3 set as OFF and refers to the wire connection details)
  - Photocell(safety edge) is only workable during the door closing. If the photocell is interrupted or the safety edge output signal under press, the door stops moving immediately.
- The interpretation and ownership of this manual belong to Hiland company. Any change of the product can be without prior notice.



DIP switch

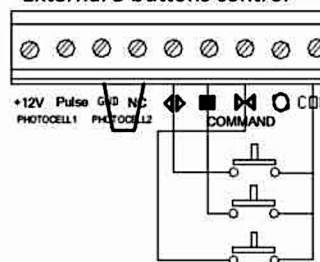
	ON OFF	ON OFF	ON OFF	ON OFF
NO	Single button	Anticlockwise	Pulsing signal	Deadman
OFF	Three buttons	Clockwise	NC contact	Impulse

### Function

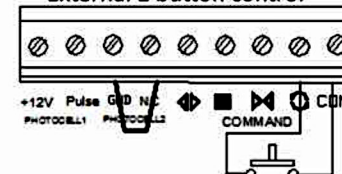
- Single button (Open-stop-close-stop); Three button (Open, stop, close).
- Deadman model: Door moves when keep pressing button and stops when release; Impulse model: Press button and door moves, press button and door stops
- It's working with photocell /safety edge; Suit for 85-265V flash lamp according to power supply ,lighting when motor is running.
- Running time set up: Motor running time is adjustable from 5s to 100s. Press 【TIME】 and LED2 will blink after 5s, then release the button after the pre-set time is appropriate .
- Self-learning function; Max remote distance over 50 M.

### Wire connection:

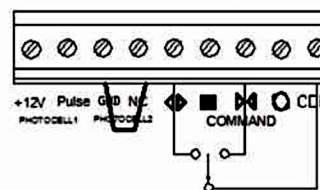
#### External 3 buttons control



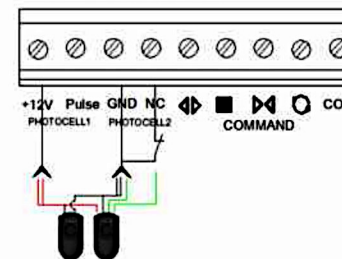
#### External 1 button control



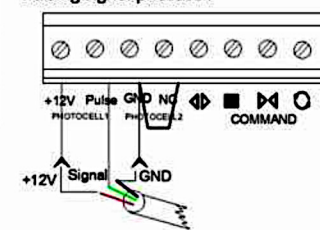
#### External self-lock switch (Deadman)



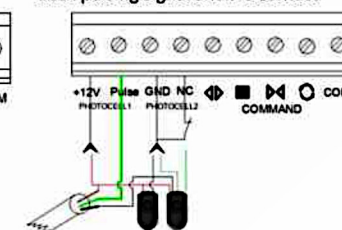
#### NC contact photocell



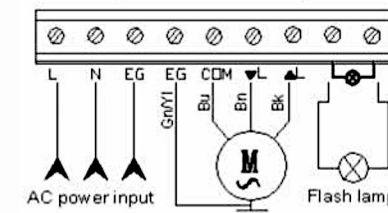
#### Pulsing signal photocell



#### Both pulsing signal and NC contact



#### Power, motor and flash lamp



Factory Setting: No photocell(safety edge) protection model: DIP-3 set as OFF  
short-circuit NC and GND



Versión Digital.



V11.21