

INSTALLATION GUIDE

Before connecting the receiver, you must read the instructions carefully

4. Program setting

- (1) Press the round button on the emitter to choose the channel needed to be set. (if you are using single channel transmitter, no need to choose the channel.)
- (2) Press the setting button (SW6) till the (LED2) light of the receiver begin flashing. (The receiver will return to the original state if no operation is done within 10 seconds.)
- (3) Press the program setting button on the rear of the emitter by ball pen till the LED2 light of the receiver flashing quickly and then stop flashing, now program setting is completed.

5. Delete all stored channels' memory from the receiver

- (1) Press the program setting button(SW6) of the receiver for about 4 seconds till the (LED2) light begins flashing quickly then loose it
- (2) Press the this buttons (SW6) again within 6 seconds till the (LED2) light flashing quick and then stops flashing now all the stored memory of the receiver have been deleted. (Seeing LED2 light flashing quickly, with in 10 seconds, if no operation is done the receiver will return to original state.)

6. Delete the stored memory of any channel

- (1) Press the round button on the emitter to choose the channel needed to be deleted
- (2) Press the setting button (SW6) of the receiver till the (LED2) light begin flashing. now the receiver is waiting for the delete command of the emitter
- (3) Press the "DOWN" button of the transmitter, now the (LED2) light of the receiver stop flashing means the memory has been deleted. (the same way to delete other channels)

7. Continuous & Deadman function

- (1) When poke SW7 to "1" direction, operate Deadman function, motor goes UP continuous, goes DOWN by pressing DOWN button, release DOWN button, motor stop immediately.
- (2) When poke SW7 to "2" direction, operate Continuous function, motor goes UP or Down continuous.

8. Replacing battery

- (1) Open the back board of the emitter with the screwdriver
- (2) Take out the old batter and then place the new one (12V23A)
- (3) Close the back board well with the screw (Please take the old battery in the appointed place)

The buttons on the receiver work properly, but nothing happens when remote buttons are pressed.

Neither transmitter nor receiver buttons work, and receiver makes no noise when buttons are pressed.

Neither transmitter nor receiver buttons work, but a click in receiver can be heard when button is pressed.

The motor runs down when either the transmitter or receiver UP button is pressed.

Troubleshooting

If the LED on the transmitter does not light or only lights weakly when its button is pressed, replace the type 23A 12VDC battery in the transmitter

If the LED1 is not lighted, make sure that proper building power is being delivered to terminals L & N (5 & 6) of the receiver. If there is proper power and LED is not lighted the receiver is likely to be faulty.

Verify that when the UP button of the receiver is pressed that there is line voltage across terminals L&N or R&N. Repeat this check pressing the DOWN button (one direction should power L&N and the other direction R&N).If power is found here and it alternates between L&N and R&N when buttons are pressed, the motor is likely faulty.

Move switch S W1 to the opposite position, the motor stop ,then press the button again

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1. Characteristics:

- (1) Mains supply:AC200V-AC240V
- (2) Operating temperature:-10° C to 50° C
- (3) Motor control receiver RF 433MHz

NOTE:RF315MHz range is not compatible with RF 433MHz range

2. Mounting of the Receiver:(Recommendations)

- (1) Install the Receiver with the cables entry pointing downwards to avoid water infiltration
- (2) Do not install the Receiver against or sheltered by a metallic part(it could affect the radio transmission)
- (3) Minimum distance between the Receiver and the floor:150CM
- (4) Minimum distance between the Receiver and the roof:30CM
- (5) Minimum distance between the Receiver and the Transmitter:30CM
- (6) Minimum distance between two Receivers:20CM

3. Cabling of the Receiver:

The Receiver is compatible with all standard tubular motors. Cabling arrangements are shown in the below diagram and description:

- (1) disconnect the mains supply before carrying out any work
- (2) be careful to avoid static electricity which could damage some electronic components
- (3) use flexible cables
- (4) ensure that no longitudinal forces act on the cable carriers after installation do not forget to connect the earth wires

Connections

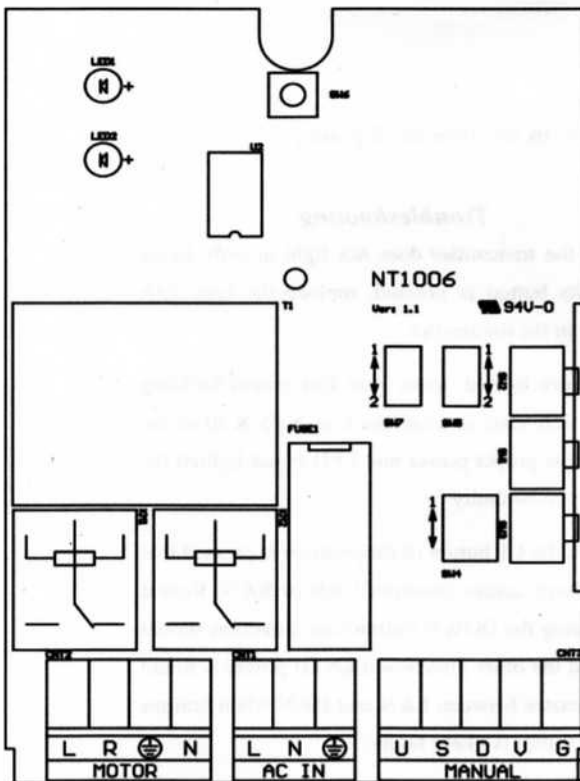
FUNCTION:

- ① LED 1 : Main Power LED.
- ② LED 2: Working LED
- ③ SW4:Reversing manual switch button's direct
- ④ SW5:Reversing Motor's direction(both receiver and transmitter)
- ⑤ SW6:Program setting button
- ⑥ SW7:Reversing touch-action &continuous action

WIRING:

- 1 Motor Cable Terminals
 - 1 L: UP/DOWN to Motor
 - 2 R: DOWN/UP to Motor
 - 3 E: Earth (Ground) to Motor
 - 4 N: Common to Motor
- 2 Main Power Terminals
 - 5 L: Hot (underground phase) of building supply
 - 6 N: Neutral of building supply
 - 7 E: Earth (Ground) of building supply
- 3 Signal terminals
 8. U: OPEN
 9. D: CLOSE
 - 10: S: STOP
 10. V: DC12V power
 11. G: DC12V Ground

**NOTE: When connect photocell, make wiring as below:
Brown wire to "V" terminal, White/Blue to "G" terminal
Black wire to "U" terminal.**



Wiring Diagram for NT1006 Controller with Photocell and Keyswitch Function.

Power:

L = Live (Brown)
N = Neutral (Blue)
E = Earth (Yellow / Green)

Motor:

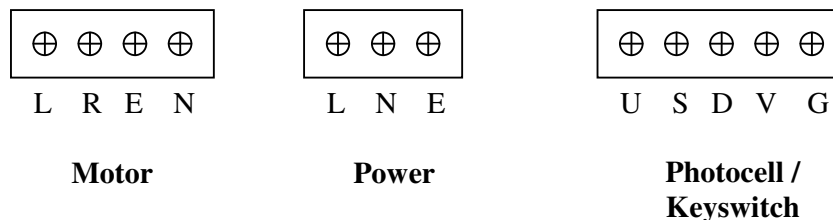
L = Up / Down (Brown / Black)
R = Down / Up (Black / Brown)
E = Earth (Yellow / Green)
N = Neutral (Blue)

Photocell:

S = Stop (Black)
V = Live (Brown)
G = Blue / White (fit together)
Grey wire not used

Keyswitch:

U = UP (Brown / Blue)
D = Down (Blue / Brown)
G = 24v Live (Green / Yellow)
For Keyswitch that has 4 wires Green would be Earth and not used.
Some Keyswitches require loop for live to live.



Please note, this diagram should be used in conjunction with the installation guide provided.