

NT1006 Radio Receiver Instruction



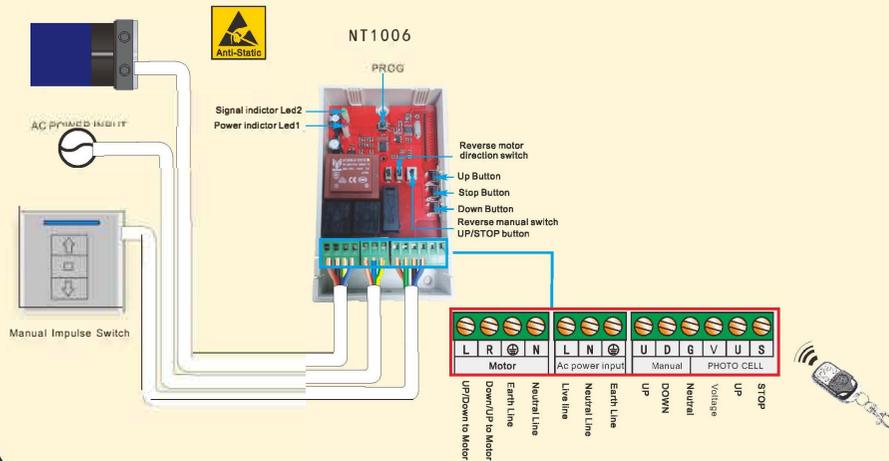
I . Function Characteristics

- i) Key Switch Function with Low Volt Output.
- ii) Photocell Function with 90 Sec Run Timer & 24V Output.
- iii) Accepts all NVM Fobs & Wireless Switches.
- iv) Accepts up to 100 Fobs / Wireless Switches.
- v) Motor Direction Change Function.
- vi) UV Resistant Casing.
- vii) High quality Chipset.

II . Parameters

Model No	Power Supply	Temperature	Power	Sensitivity	Available emitters quantity	Operate Type
NT1006	230VAC 50Hz (Optional) 120VAC 60Hz	-40℃~+85℃	≤ 500W	-110dBm	≤100PCS	Remote/Manual

III. Installation and Connection



! Notice:

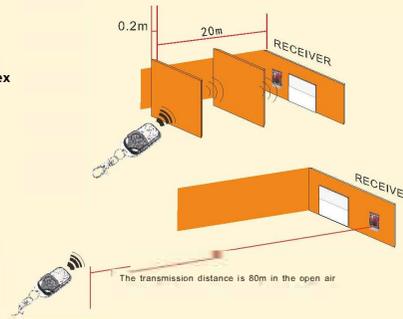
This Receiver is compatible with all NVM Single Phase 240v Motors. It is recommended that any installation of electrical equipment is carried out by an authorised and qualified electrician.

WARNING: This unit is connected to a 240v Mains Supply.

- a) Ensure the power supply is disconnected before opening the Front cover.
- b) Ensure the Receiver is connected to the Earth.
- c) Avoid Static Electricity as it will damage the components in the Receiver.
- d) Ensure the correct Cable is used. It is recommended .75mm Squared 3 Core Flex is used. (International code 3183Y)
- e) This unit is fitted with a 10amp Fuse, 250v Max input.
- f) Ensure there are no objects interfering with the cables after installation.

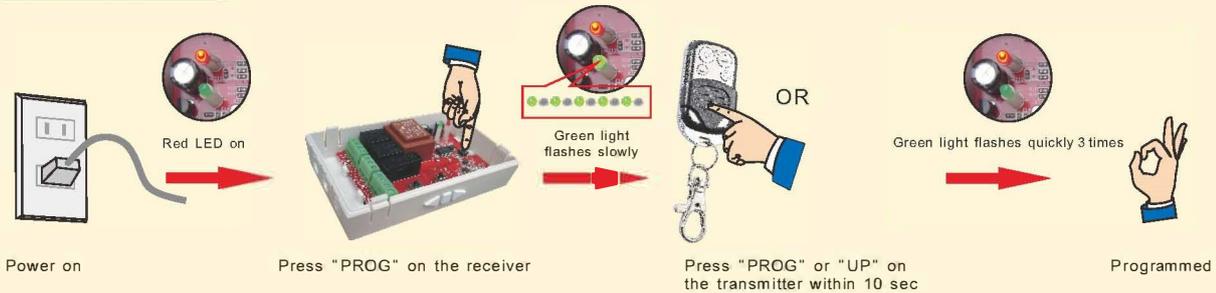
Installation Notes:

- a) This unit is IP44 Rated. Install the unit with the Cable Entry Points in the downward direction.
- b) Do not install against or near to metallic objects as it will affect the radio transmission and therefore the performance of the unit and handsets.
- c) The minimum distance between the Receiver and the Floor is 1500mm.
- d) The minimum distance between the Receiver and the Ceiling is 300mm.
- e) The minimum distance between the Receiver and the Transmitter is 300mm.
- f) The minimum distance between two Receivers is 200mm.

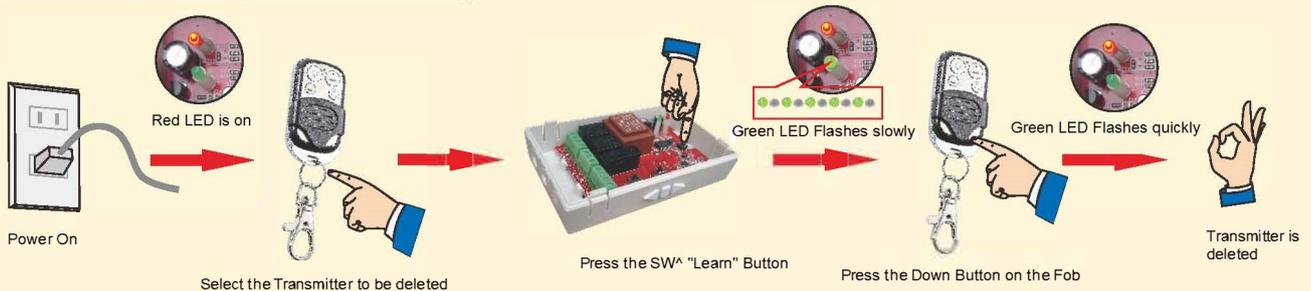


IV Operating Instruction Note: 0.5S delay when change up/down direction, the longest running time is 5min per time.

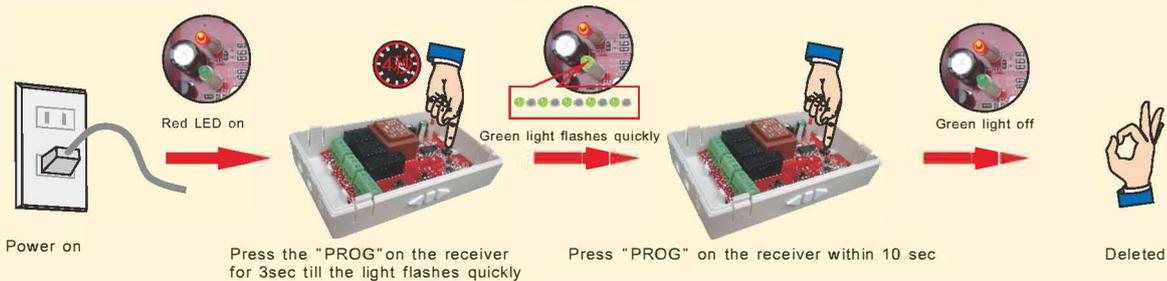
Program setting



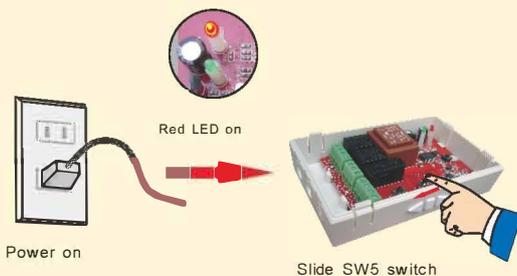
Delete one of the channel's memory



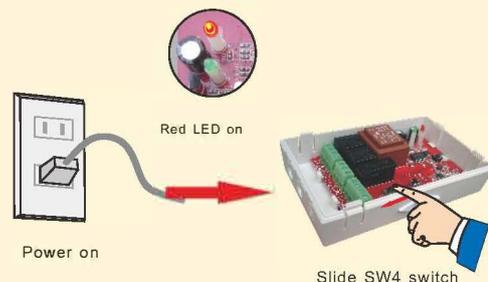
Delete all the channels' memory



Change Direction



Reverse manual switch UP/STOP button



V. Troubleshooting

No.	PROBLEM	SOLUTION
1	Fob won't Program	Check if it is the correct Fob for the controller. Check the memory is not full. Delete one Fob and try to program again
2	Fob loses signal	Check Receiver is not fitted near or on steelwork Check the battery strength of the Fob. The Red LED should flash.
3	Receiver RED LED is on but Motor will not run	Check cable connection of motor. L & R = Up / Down. Earth, Neutral. Check Motor Limits are set correctly. Use manual o/ride and test again
4	Connections are all correct but Power, Switch or Motor do not work	Check that bare wire is in contact with the terminal block

Wiring Diagram for NT1006 Controller with Photocell and Keyswitch Function.

Power:

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

Motor:

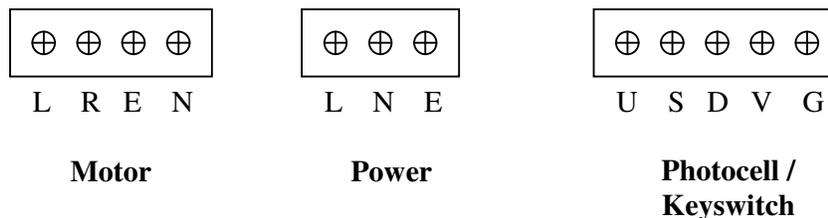
L = Up / Down (Brown / Black)
R = Down / Up (Black / Brown)
E = Earth (Yellow / Green)
N = Neutral (Blue)

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.