Telephone Remote Control Module

Feature:
Wireless control, easy to install.
Control variety of home appliances and electronic products in any place worldwide by fixed telephone or mobile phone.
Remote control Lights, TVs, Motors, Fans, Cameras, Video/ Audio signals, Electrically operated Doors/ Locks/ Windows/ Curtains/ Bell or other equipments with voltage AC 110~240V or DC 0~48V.
Password protection
2 Ways relays output

Specification:
Model No.: TC01
Channel: 2 CH
Size: 92mm x 44mm x 20mm
Power Supply: DC 12V
Static Current: 8mA
Working Voltage Range of Relay: AC 110~240V or DC 0~48V
Max. Working Current of Relay: 10A

Wiring:
1) If you want to control a DC 12V lamp, do as following:
1.1 Connect the telephone line to terminal "Tel Socket" of the controller
1.2 Connect DC 12V power supply and phone line to the controller.
1.3 Connect terminal "C" to the positive pole of DC power supply, connect terminal “B” to the positive pole of DC lamp, and connect the negative pole of DC lamp to the negative pole of DC power supply.

2) If you want to control an AC 220V lamp, do as following:
2.1 Connect the telephone line to terminal "Tel Socket" of the controller
2.2 Connect DC 12V power supply and phone line to the controller.
2.3 Connect terminal “C” to the live wire of AC power supply, connect terminal “B” to one side of AC lamp, and connect another side of AC lamp to the neutral wire of AC power supply.

Operation:
Dial the telephone number with which the controller sets up, the telephone could be connected automatically after 6 ringing. Then input "password" to enter into the menu, the preset password is 5678. If the password is wrong, the telephone will hang up automatically.
1) Press button 1: Turn on relay 1, (connect B and C, disconnect A and B), the lamp 1 is on.
2) Press button 2: Turn off relay 1, (connect A and B, disconnect B and C), the lamp 1 is off.
3) Press button 3: Turn on relay 2, (connect B and C, disconnect A and B), the lamp 2 is on.
4) Press button 4: Turn off relay 2, (connect A and B, disconnect B and C), the lamp 2 is off.
5) Modify the password (4 bits): Press button "*" + "new password" + "*"
6) Press button "#": Ring off.

Note A: If DC 12V power supply was cut off, the controller will be reverted to the preset password 5678.
Note B: If you do not press button "#", the telephone will hang up automatically after 75 seconds.