

# PD5-11-20A/PD5-22-20A Remote Control switch system

PD5-11-20A is for 120V Power system /PD5-22-20A is for 240V Power system  
Please read the information below for further instruction and the matter needing attention.

## Description and Operation:

- \*DIY and User-Friendly Design.
- \*Apply to Most Household appliances. (Ex. Electric Fan, Water pump.)
- \*Easy to install design.
- \*High Current Control up to 250V/20A. Over load/Short Protection.
- \*Portable and easy to control and remote equipment.
- \*Support 1 remote controller to multi receiver / multi remote controller to 1 receiver

## Caution:

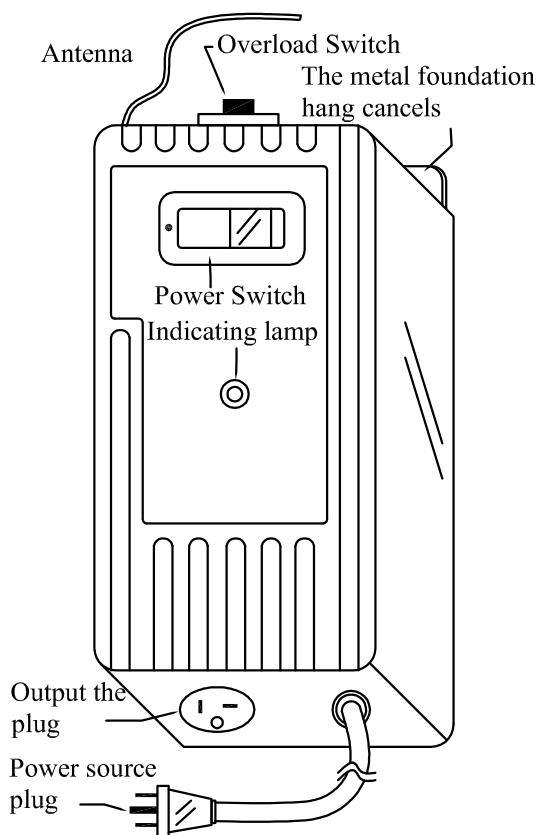
- \*Please use appropriate voltage while installation.
- PD5-11-20A is for 120V Power system
- PD5-22-20A is for 240V Power system
- \*Please keep away from Heat, Fire, Humidity and Vibrating.
- \*Please do not install the host in metal box.
- \*For Safety, please do not cut off the power while machine is running.
- \*Please stop to operate the equipment while overload, short, or the black button protrudes.
- \*Please use 12VDC Battery for Transmitter.

## Operation theory:

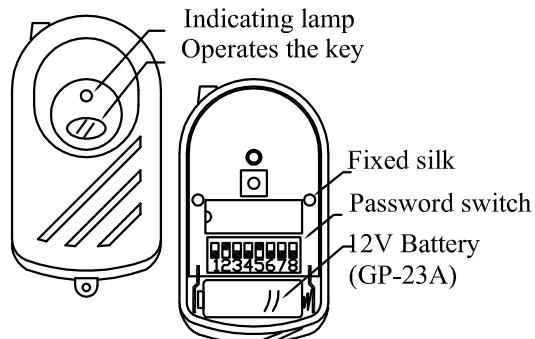
PD5-11-20A / PD-22-20A is controlled by UHF, 2 form 8 number code mode.  
There are totally 256 different coding mode, in order to prevent interference failure.  
UHF circuit receive signal-> Decode -> differentiate Code ->Decide Action Code

## Each name graphical representation

### Receive



### Transmitter



# **PD5 Remote Control switch system**

## **【Feature】**

- \*High Current 20A/250V ON/OFF remote design
- \*High Frequency Wireless Code/Decode IC System, w/o Failure
- \*Portable, Small, User-Friendly control panel

## **【Electrical specifications】**

### **RF Transmitter**

Battery.....12VDC GP-23A  
Operation.....Single Key Control ON/OFF  
Indicator.....LED  
Coding.....2 Form 8 Number  
Frequency.....315MHz  
Current.....7mA  
Power.....-15dBm

### **Receiver**

#### **PD5-11-20A**

Voltage.....120VAC/60Hz  
Static Power.....0.3W  
Maximum Output Current.....20A/250VAC  
Cord Length.....1.8M  
Code Mode.....2 / 8  
Frequency.....315MHz  
Receiver Sense.....-103dBm  
Modulation.....ASK  
Weight.....750g  
Dimension.....L190mm\*W80mm\*I180mm

#### **PD5-22-20A**

Voltage.....240VAC/60Hz  
Static Power.....0.1W  
Maximum Output Current.....20A/250VAC  
Cord Length.....1.8M  
Code Mode.....2 / 8  
Frequency.....315MHz  
Receiver Sense.....-103dBm  
Modulation.....ASK  
Weight.....750g  
Dimension.....L190mm\*W80mm\*I180mm