

Model 2058B

Standby Killer Operation Manual

Thank you for purchasing the 2058B Standby Killer. This operating manual will provide an overview of the product, safety instructions, a quick guide to operation, and complete instructions for correct usage. Take the time to completely review these instructions as well as safety warnings to ensure your best use of the product.

Now you can use this Standby Killer to shut down your appliances when they are not used, they are on standby condition. The unit combines human motion by PIR (Pyroelectric Passive Infrared) sensor detection, and appliance's standby power level, to control AC power on or off automatically. AC power by demand, people come, AC power on; people absent, AC power off, save energy, save CO2 emissions to protect our only one earth.

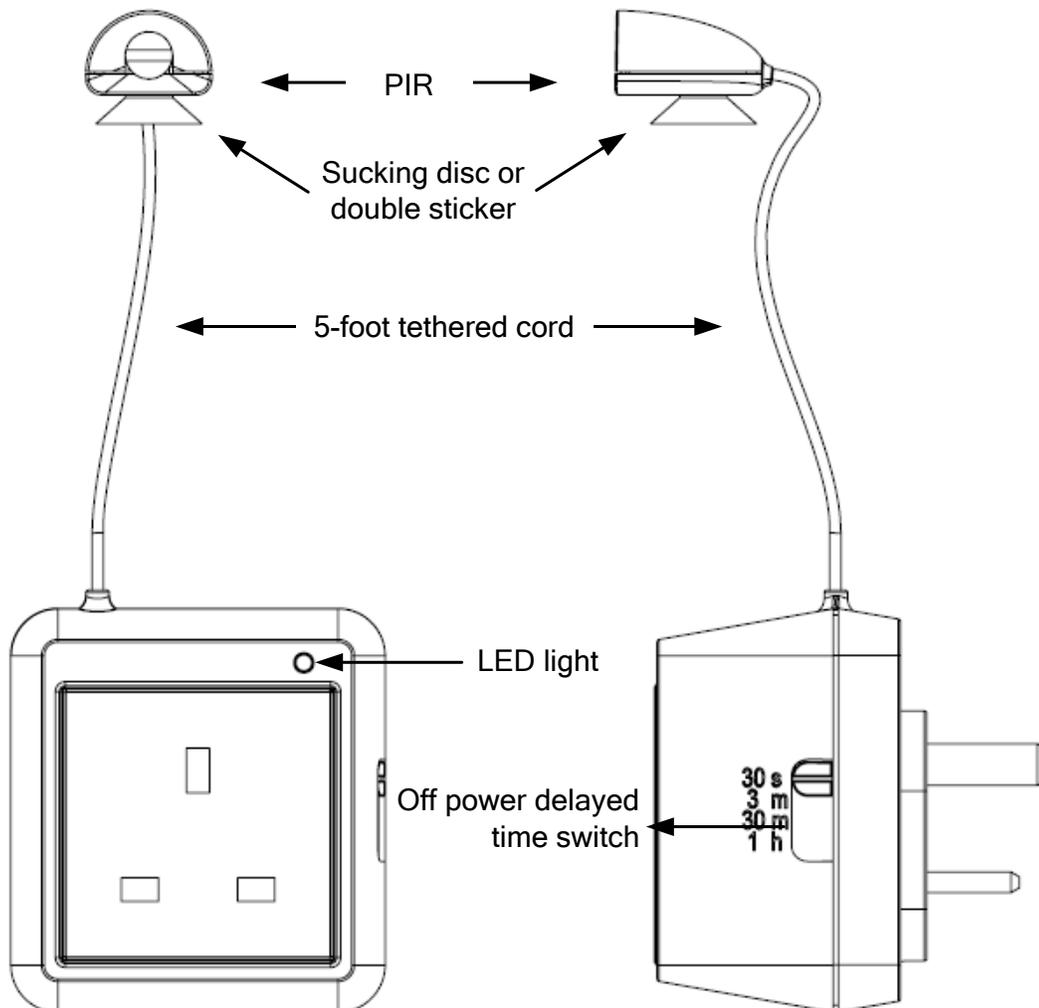
Safety Instructions:

- The operating voltage is limited to +/- 10% of Line voltage 230Vac. Do not use it in other voltage rating.
- The maximum output current is 10A.
- To reduce the risk of electric shock, do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

Warning:

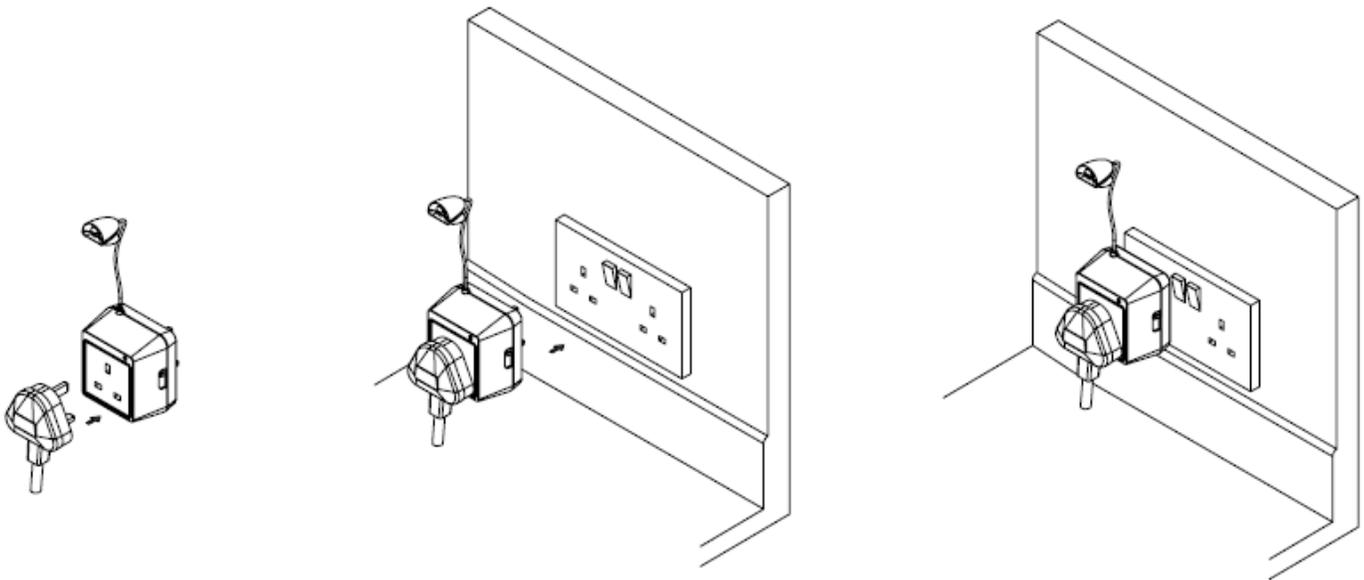
- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Feature Locations:



Installation:

1. Turn off the appliance before connection to the unit and remove the power cord from the outlet.
2. Plug the appliance's power cord into the Standby Killer unit socket, and then connect the Standby Killer into the outlet.
3. If there are many appliances, please use power strip, plug all appliances power cord into power strip's sockets and plug power strip into Standby Killer socket, then connect the Standby Killer into the outlet.
4. Turning on the appliance within 10 seconds.
5. The Standby Killer will measure appliance standby power; the LED shall be flash in green light per second, which indicate standby power is measuring. After 30 to 40 seconds, standby power measuring is finished, LED shall be in green. Now, it is working, and in PIR detect human motion mode.
6. There is a off power delayed time switch on the right side, it can be set to 30 seconds, 3 minutes, 30 minutes, and 1 hour.
7. If nobody in the PIR effective area, and appliance is on standby condition, Standby Killer will off power according to off power delayed time switch setting, for example, it is 30 minutes, after 30 minutes, Standby Killer shall shunt down power, LED flash in green light every 3 second, and the Standby Killer also activate PIR detect human motion function. When somebody move into the effective PIR area, the Standby Killer will turn power on to outlet at once. LED will illuminate in green.
8. Shorter off power delayed time, save more energy, but AC power on/off will be more frequently. Appropriate setting off power delayed time will be balance to use appliances and save energy, 1 hour for office, 30 minutes for home, is our suggestion.
9. Summary:
 - 9.1 green light = power on, and PIR detect function on.
 - 9.2 green light every 3 second = power off, and PIR detect function on.
 - 9.3 green light every second = standby power is measuring, don't tough.

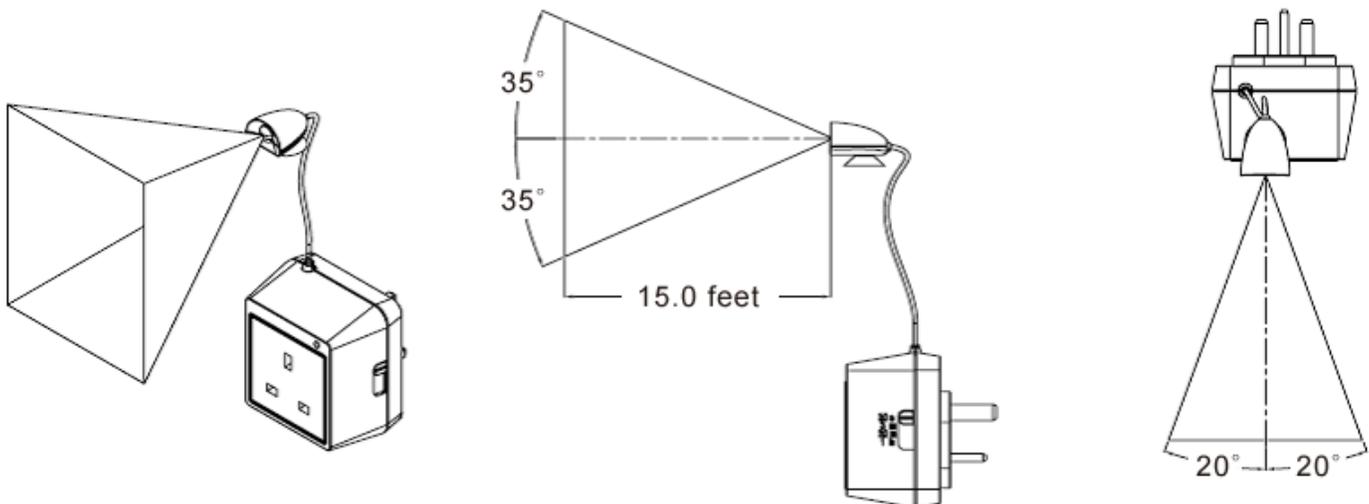


● PIR:

Human motion detect effective area is a 3 dimension zone as following description, don't be blocked by machines or furniture.

Please install PIR sensor at appropriate place which can cover thoroughly someone will use appliances area.

Distances : 15 feet (max.), horizontal angle : 40 degree (max.), vertical angle : 70 degree (max.).



Specification:

Item	Specification		Accuracy		Response Time	
	Range	Res.	Typ	Max	Action	Recovery
Voltage	230V \pm 10%		---	---	---	---
Current	10A (max)					
Active Power	2530 W (max)					
OCP	10A \pm 10%		---	5%	10%	5 sec
Outlet	1		---	---	---	---
Output status LED	Output ON : Green Output OFF : none		---	---	---	---
Standby Off Power	Delay Time	30 sec, 3 min, 30 min, 1 hour	---	---	---	---
Spike free switch	Spike free switch		---	---	---	---

ENVIRONMENT CONDITIONS
IN DOOR USE ONLY
ALTITUDE : UP TO 2000M
OPERATION TEMPERATURE : 0°C ~ 50°C, Max. R.H. 90%
NON OPERATION TEMPERATURE : -10°C ~ 60°C Max.R.H. 95%
OPERATION VOLTAGE IS LIMITED TO \pm 10% OF LINE VOLTAGE
POLLUTION DEGREE : 2
CAT II

GENERAL SPECIFICATION	
Power Rating	230 Vrms \pm 10% , 50/60Hz
Power Consumption	Max. 1.3 Watt
Ratings	10Amp (2530 Watts) , Resistive and Inductive
L/W/H	L76mm x W70mm x H74mm
Weight	Around 170g

Maintenance

- Protect the meter from adverse weather conditions. The meter is not waterproof. Do not expose the LCD display to direct sunlight for long periods of time.
- CAUTION: To avoid damage to the meter, do not expose it to sprays, liquids, or solvents.
- Clean the exterior of the meter by removing dust with a lint-free cloth.
- Use care to avoid scratching the clear plastic display filter.
- For further cleaning, use a soft cloth or paper towel dampened with water. You can use a 75% isopropyl alcohol solution for more efficient cleaning.
- CAUTION: To avoid damage to the surface of the meter, do not use abrasive or chemical cleaning agents.

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