

Kiloenergy International



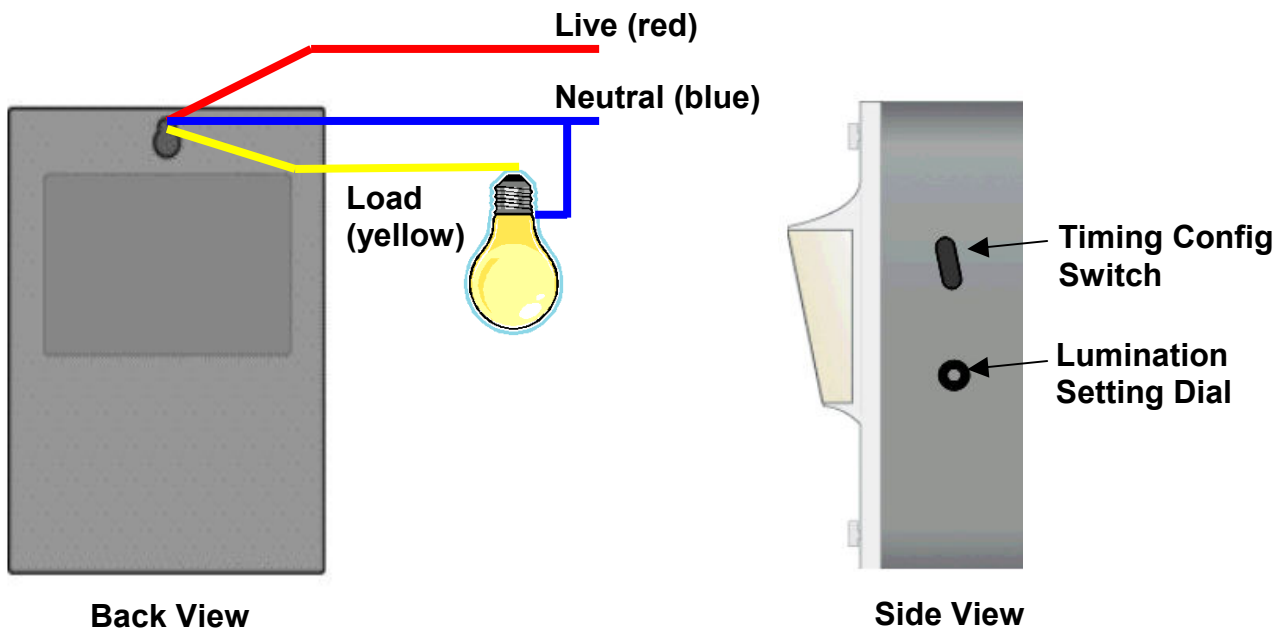
Kilosaver Switch User's Guide

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The Kilosaver Switch is a wired motion sensor that which operates as an automatic switch to control any lighting, fans or electrical appliances by motion. It turns on the light/fan/appliance when it detects movement, and automatically turns it off after a time period adjustable by the configuration switch. It also comes with a lamination setting dial that is adjustable to cause the light/appliance to remain off depending on the brightness of its surroundings.

For technical support and enquiries: call 6293 0128 during office hours.

Installation of Kilosaver Switch:



Important:

Only connect the live (red) wire of the Kilosaver to the source's live wire. If unsure, kindly call us for assistance.

Configuring Kilosaver Switch

When the Kilosaver switches on, the period for it to remain switch on can be preset from 10 seconds up to 8 hours. If no motion is detected during that period, the switch will then be turned off automatically. However, if a motion is detected, the timing will be refreshed to the preset period.

In order to configure the Kilosaver Switch timing, the Kilosaver must be connected to a power source first.

Sequence of action	Result
Press Config switch and hold for 3 seconds or more then release.	RED LED will blink 3 times.
Press Config switch again to set the timing:	Timing is determined by the number of blinks before the Config switch is pressed again:
<ul style="list-style-type: none"> immediately before LED blinks again. 	<ul style="list-style-type: none"> Timing is 10 seconds, which is suitable for testing purposes.
<ul style="list-style-type: none"> after LED blinks once. 	<ul style="list-style-type: none"> Timing is set at 1 minute.
<ul style="list-style-type: none"> after LED blinks twice. 	<ul style="list-style-type: none"> Timing is set at 2 minutes.
<ul style="list-style-type: none"> LED continues blinking. 	<ul style="list-style-type: none"> Timing can be set to 60 minutes if it continues to blink up to 60 times.
<ul style="list-style-type: none"> on the 61st time henceforth, LED will double-blink. 	<ul style="list-style-type: none"> Each double-blink adds 30 minutes to the timing. 61st blinks preset at 1 hour 30 minutes.
<ul style="list-style-type: none"> on the 62nd time (also 2nd double-blink). 	<ul style="list-style-type: none"> Timing is set at 2 hours
<ul style="list-style-type: none"> Continues double blinking at 1 second interval. 	<ul style="list-style-type: none"> Each double-blink will add half an hour until maximum of 8 hours.

Configuring Kilosaver Switch's Lumination Dial:

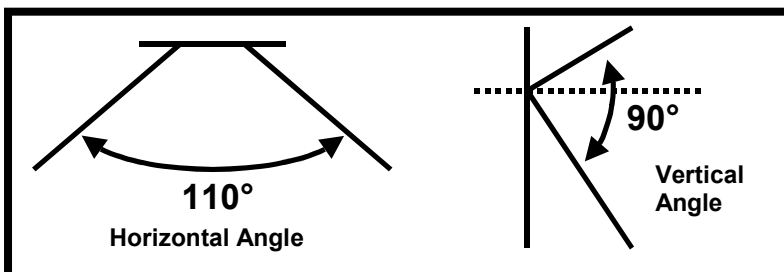
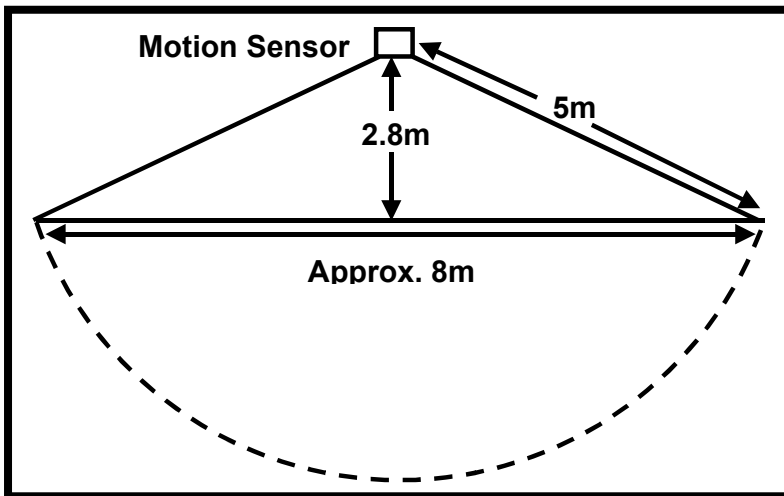
Powering up the Kilosaver is not necessary for this setting. To configure such that Kilosaver will activate the appliance:

- Only when the environment is dark, turn the dial anti-clockwise fully.
- Regardless of dark or bright, turn the dial clockwise fully.

To fine tune such that the appliance will activate only if the ambient light falls under a specific brightness, then you have to connect the Kilosaver and power it up. Press the Config Switch once and release immediately. You will notice that the Red LED will light up for 2 seconds and then blink once. Thereafter, the Red LED may be flickering. Turn the dial until the flickering is off then turn slowly until the flickering starts. That will be the ambient brightness that Kilosaver will activate the appliance as long as the ambient light remains at that level or darker. Should the ambient light becomes brighter, the Kilosaver will not activate the appliance.

Technical Specification

Model:	Kilosaver Switch (KS7)
Dimensions:	78mm x 10mm x 30~50mm
Voltage:	110/230V ac
Load:	7A ac
Effective Range:	5 meters
Timer:	Adjustable from 10 sec. to 8 hours
Luminous Intensity Setting:	5 LUX to infinity (direct sunlight)
*Warranty Period:	24 months
Manufactured and designed in Singapore.	



IMPORTANT:

1. Avoid placing sensor facing direct light source.
2. Strictly for indoor use only and away from water prone areas.

*Warranty Terms & Conditions:

1. Applies to products supported by a valid Kiloenergy International's Contract or Invoice Statement.
2. Repairs or replacements are valid only in Singapore.
3. Does not include on-site support.
4. Warranty is valid for products proved to be under proper use and defect arises by reason only of faulty design & manufacturing defects.
5. Warranty Period is effective from date of purchase and as stated in contract or invoice.

Kiloenergy International reserves the right to amend the Warranty Terms & Conditions without prior notice.