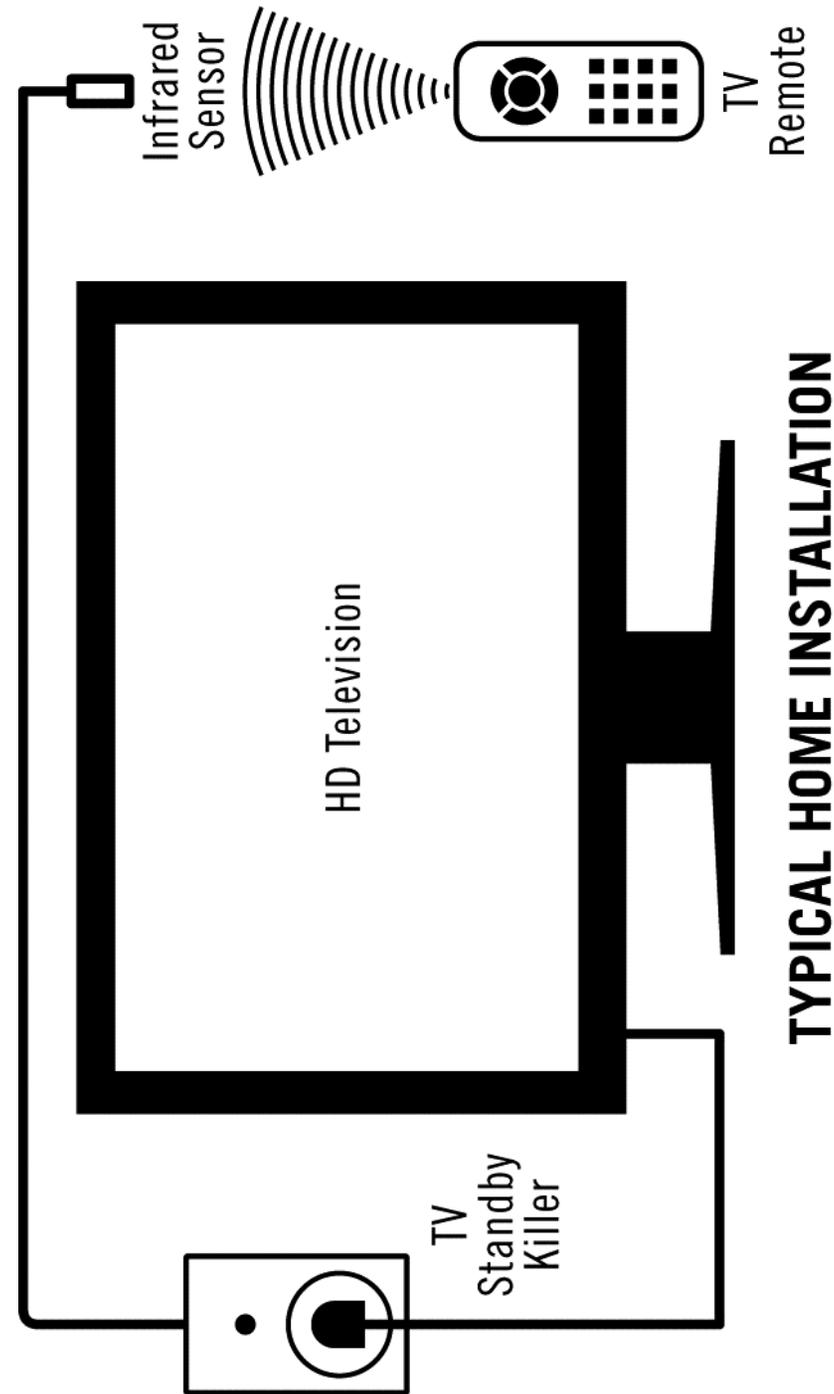
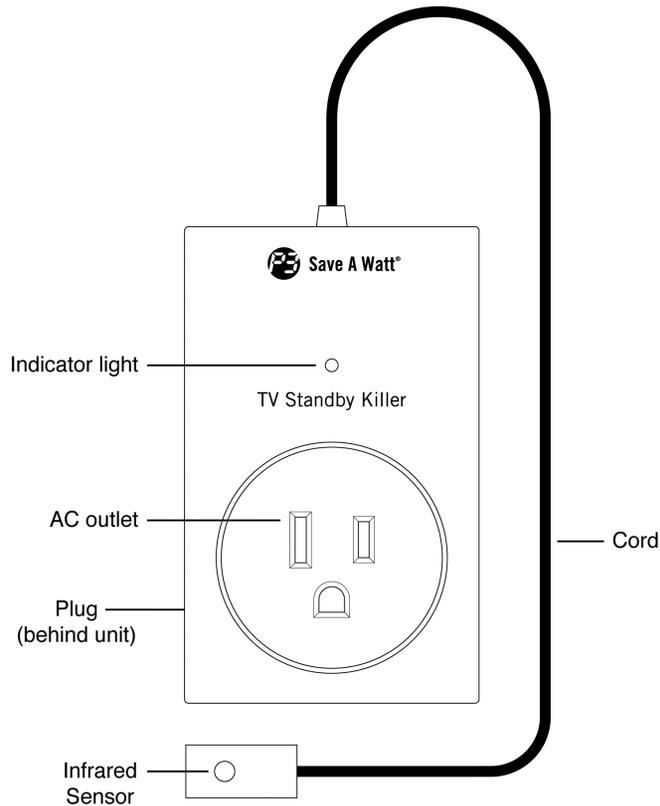


# P4150 Save A Watt™ TV Standby Killer Operating Manual

Thank you for purchasing the P4150 Save A Watt™ TV 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 all safety warnings to ensure your best use of the product.

The P4150 Save A Watt™ TV Standby Killer helps you to stop energy hogging TVs which continue to draw electricity even in “off mode”. Now you can really turn off your TV with the TV Standby Killer.

Use it in conjunction with your existing remote to make sure that when the power button is pushed to off it is really off and not in power sucking standby mode. Installation and usage are simple. Now you can rest easy knowing that you're saving money and creating a safer living environment since a device left in standby mode is more likely to contribute to a shock or fire hazard.



## Important Safety Instructions:

### CAUTION

#### RISK OF ELECTRIC SHOCK DO NOT OPEN

##### CAUTION:

**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.**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

**Read Instructions** – All the safety and operating instructions should be read before the product is operated.

**Retain Instructions** – The safety and operating instructions should be retained for future reference.

**Heed Warnings** – All warnings on the product and in the operating instructions should be adhered to.

**Follow Instructions** – All operating and use instructions should be followed.

**Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.

**Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**Water and Moisture** – Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool and the like.

**Accessories** – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Any mounting of the product should follow the manufacturer's instructions.

**Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings (if any) must not be blocked or covered. The openings (if any) should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

**Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

**Grounding or Polarization** – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other).

This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

**Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

**Lightning** – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

**Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

**Object and Liquid Entry** – Never push objects of any kind into this product through openings (if any) as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

**Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance – this indicates a need for service.

**Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

**Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

**Heat** – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat.

## Quick Start Guide:

Use these quick start instructions to get up and running in just a few minutes. Be sure to review all the operating instructions later to ensure full enjoyment of the product.

1. First turn off your TV (put it into standby mode). Unplug your TV. Connect the Save A Watt™ TV Standby Killer unit to the outlet.
2. Plug the power cord for the TV into the Save A Watt™ unit. Do not connect any other type of appliance.
3. Unwind the Infrared (IR) sensor cord from the unit. Place the IR sensor on the front of the TV or where it is in clear view of the TV remote control.
4. To turn on your TV press the power on button on your TV remote twice – waiting a second or two between presses.
5. Press the power off button on your TV remote just one time to turn the TV off. Remember; two presses to turn on, one press to turn off.

## Standby Power:

1. Most televisions consume significant power even when switched “off”. The power required to keep the TV ready to be switched into “on” mode is known as standby power or phantom power.
2. Typically standby power is used to keep some portion of the TV’s circuitry energized and ready for use. Most often this standby circuitry is powered so that it can receive signals from remote controls or to perform other background functions.
3. Although this power consumption is often significantly smaller than the power consumed when the TV is turned on, most often the appliance will consume this power 24 hours per day, every day. Over time this wasted energy will add up and will cost you money.
4. Our homes and offices are filled with devices and appliances that constantly draw power from the grid – even when they are switched off! Dozens of devices in your home, hundreds in your neighborhood, thousands or even millions in your town or city.
5. All this standby power not only costs consumers millions of dollars -- it can harm the environment, with the generation of greenhouse gasses and other byproducts of power generation.
6. The Save A Watt™ TV Standby Killer will allow you to eliminate this wasteful standby power consumed by your TV – even when you think it is turned off.

## Installation:

1. It is important that the TV that you will connect is turned off with the remote control and is in standby mode. **Do not connect the TV when it is switched on. The TV Standby Killer may not function properly if**

**the TV is not in standby mode when you connect it.**

2. **Do not connect other types of appliances to the P4150 Save A Watt™ TV Standby Killer. This unit is optimized for use with televisions. Use with other types of devices may cause unexpected results and damage.**
3. Remove the television’s power cord from the electrical outlet.
4. Connect the P4150 Save A Watt™ TV Standby Killer to the newly opened outlet. Connect the unit only to a grounded power outlet that has been installed properly and is in proper working order.
5. You may note the LED indicator flash momentarily upon installation of the unit. This is normal operation. Wait for the flash to finish before proceeding.
6. Plug the power cord of the television into the P4150 Save A Watt™ TV Standby Killer. Again, please be sure the television is in standby mode before connecting the power cord.
7. Install the infrared (IR) sensor by first unwinding the IR sensor cord. Then mount the IR sensor where it will be in clear view of the IR signals from your remote control. You can use the pre-applied tape to secure the sensor to or nearby your television.
8. If you use a different mounting method for the IR sensor be sure not to cover the side of the sensor opposite the pre-applied tape. The sensor must receive IR signals from your remote control.
9. After initial installation use your television’s remote control and press the power on button while aiming the remote towards the IR sensor. The sensor will detect the IR signal and apply power to your television. The red LED lamp on the unit will illuminate.
10. Now that your television is in standby mode, press the power on button on your television a **second time**. The television will respond normally and switch to on mode.
11. When you are finished watching television press the power off button on your remote just one time. The television will switch to standby mode. After about 60 seconds the P4150 Save A Watt™ TV Standby Killer will detect this mode and will cut off power to the TV and your savings will begin. The P4150 unit uses only a tiny fraction of the power that most TVs use during standby mode.
12. If you no longer require use of the unit, disconnect the device by withdrawing it from the socket, leaving the socket operable.

## Notes:

1. The P4150 Save A Watt™ TV Standby Killer will monitor the power consumption of your TV. When it detects that the TV has entered standby mode it will switch an internal relay to cut power to the TV. This can take up to 60 seconds and you might hear a click sound. This is

normal.

2. When you want to turn the TV on you may press any button on your remote control. The IR sensor for the P4150 will react to any IR signal. It does not need to be the power on button. Once power has been restored to your TV you will need to press the power on button on your remote to turn the TV on. Most users find that two presses of the power on button (separated by a second or two) is most convenient.
3. If your television does not work with an infrared (IR) remote control it will not be compatible with the P4150 Save A Watt™ TV Standby Killer
4. Some televisions enter a set-up mode once power has been restored. You may see set-up graphics on your TV screen. Usually this mode will dismiss itself after a few seconds. You may be able to dismiss this set-up screen with the proper button on your remote control.
5. The super high-efficient circuitry of the P4150 Save A Watt™ TV Standby Killer will consume an extremely small amount of power while your TV is off. Over 50 times less power in some cases.
6. To measure the standby power used by your TV, Computer and other appliances you can use out P4190 Save A Watt™ Phantom Power Indicator.
7. To get an idea of the true cost of standby power, you can refer to the chart below. Find the rate (cost/KWH) closest to your local billing rate and cross reference this line with the standby watts indicated by the documentation for your appliance. Be sure to consider that some utilities have multiple rates and will charge you more during peak usage hours. Use the higher rate or an average of your rates to determine your true costs.

#### Annual Cost of Standby Power

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#### Specifications:

Model	P4150
Input Voltage	120 VAC 60 Hz
Max Power Load	625W (5 Amps)
Auto Switch Off:	<0.15 Amp
Delay Switch Off	<60 Seconds
Power Consumption Standby	<0.08W
Power Consumption On	<0.5W
Operating Conditions	5 - 30° C <86% R.H.

#### P3 INTERNATIONAL CORPORATION LIMITED WARRANTY

P3 INTERNATIONAL CORPORATION ("P3") warrants to the original retail purchaser only, that its product is free from defects in material or workmanship under the condition of normal use and service for a period of six (6) months from the date of purchase. In the event that a defect, malfunction or failure occurs or is discovered during the warranty period, P3 will repair or replace at its option the product or component part(s) which shall appear in the reasonable judgment of P3 to be defective or not to factory specifications. A product requiring service is to be returned to P3 along with the sales receipt or other proof of purchase acceptable to P3 and a statement describing the defect or malfunction. All transportation costs shall be borne by the owner and the risk of loss shall be upon the party initiating the transportation. All items repaired or replaced thereunder shall be subjected to the same limited warranty for a period of six (6) months from the day P3 ships the repaired or replaced product. The warranty does not apply to any product that has been subject to misuse, tampering, neglect, or accident or as a result of unauthorized alterations or repairs to the product. This warranty is void if the serial number (if any) has been removed, altered, or defaced. This warranty is in lieu of all warranties expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose which are expressly excluded or disclaimed. P3 shall not be responsible for consequential, incidental or other damages, and P3 expressly excludes and disclaims liability for any damages resulting from the use, operation, improper application, malfunction or defeat of any P3 product covered by this limited warranty. P3's obligation is strictly and exclusively limited to the replacement or repair of any defective product or component part(s). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. P3 does not assume or authorize anyone to assume for it any other obligation whatsoever. Some states do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you. It is the owner/user's responsibility to comply with local, state, or federal regulations, if any, that may pertain to P3 products or their use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you experience difficulty in the operation of your unit, or if your unit requires repair please contact:

P3 INTERNATIONAL CORPORATION  
TECHNICAL SUPPORT  
Tel: 212-741-7289  
Fax: 212-741-2288

Email: [techsupport@p3international.com](mailto:techsupport@p3international.com)

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