

## SmartStrip

The SmartStrip allows multiple devices to be plugged into the same electrical strip while allowing one device to serve as the switch for all of the devices plugged into the SmartStrip. This allows a TV, DVD player, surround sound, and cable to all be plugged into the same strip and the TV or one of the other devices to be used as the switch so that when the device acting as the switch is powered on all of the other devices are receiving electricity as well but when the device is powered off the electricity is switched off to all other devices which prevents the phantom power drain normally associated with those devices.



# Phantom Power

## What is Phantom Power?

Phantom power is power that is used by devices in your home or business that are not turned on. These devices use power when they are plugged into the wall regardless of whether the device is turned on or not. This phantom energy usage is responsible for around 10% of the energy usage in your home or business.

A surprisingly large number of electrical products draw electricity, even when turned off. When you consider that they operate 24 hours a day, all year long, that small amount of power adds up. With a home averaging twenty of these devices, that's \$60 to \$100 on your utility bill every year.



### Sources of Phantom Power:

- ◇ Cordless telephones and answering machines
- ◇ TVs, DVD Players
- ◇ Kitchen appliances such as toasters and microwaves
- ◇ Stereo systems
- ◇ Computers, printers, and scanners
- ◇ Routers and modems
- ◇ Fax machines
- ◇ Electric toothbrushes and electric razors
- ◇ Cell phone chargers
- ◇ Chargers for tools

# Ways to Prevent Phantom Power Usage



- ◇ **Unplug devices when they are not in use.**
- ◇ **Plug devices such as computers, printers, TVs, DVD players, cable boxes, modems and routers into power strips that allow you to switch the power off on the strip.**
- ◇ **When you purchase devices make sure that they have a Low Standby Power or are Energy Star qualified products.**

*The phantom usage for the average house adds up to about 10% of the total energy bill. If a household was to cut their phantom energy usage to 0% that would cut out an entire month of energy usage for the year.*



<u>Common Appliance</u>	<u>Avg. Phantom Load</u>	<u>Annual Cost</u>
Laptop Computer	8.9W	\$8.97
Desktop Computer	2.84W	\$2.86
Computer Display (CRT)	0.8W	\$0.81
Speakers, computer	1.79W	\$1.80
Modem, cable	3.84W	\$3.87
Printer—inkjet	1.26W	\$1.27
Copier	1.49W	\$1.50
Fax—inkjet	1.26W	\$1.27
Scanner	2.48W	\$2.50
Surge Protector	1.05W	\$1.06
Cordless phone with answering machine	2.92W	\$2.94
TV	6.6W	\$6.65
DVD/VCR	5.04W	\$5.08
Audio Receiver	2.92W	\$2.94
Subwoofer	10.7W	\$10.79
CD Player	5.04W	\$5.08
Set-top box DVR	36.58W	\$36.98
Set-top box Digital Cable	17.50W	\$17.64
Game Console	1.10W	\$1.02