

Section Five:



Energy Saving Plug

- i . AV Series
- ii . PC Series

5



Dr. Plug

Energy Saving Plug	Product Code	Model Number	Product Description
	36101	PG/PC/CAT I/1	Dr. Plug PC Series
	36102	PG/AV/CAT I/1	Dr. Plug AV Series

Technical Parameters:

Series	Model Number	Product Code	Switch Frequency (Times)	Ambient Temperature	Rated Voltage	Maximum Power (W)	Maximum Current (A)	Max Power in the BOSS Socket(W)	Degree of Protection	Static Power Consumption (W)	Load Power Delay Delivery Time
PC	PG/PC/CAT I/1	36101	10,000	-15°C~50°C	110V-220V	2,000	10	500	IP20	0.5	0S±0.5S
AV	PG/AV/CAT I/1	36102									



Dr. Plug AV Series



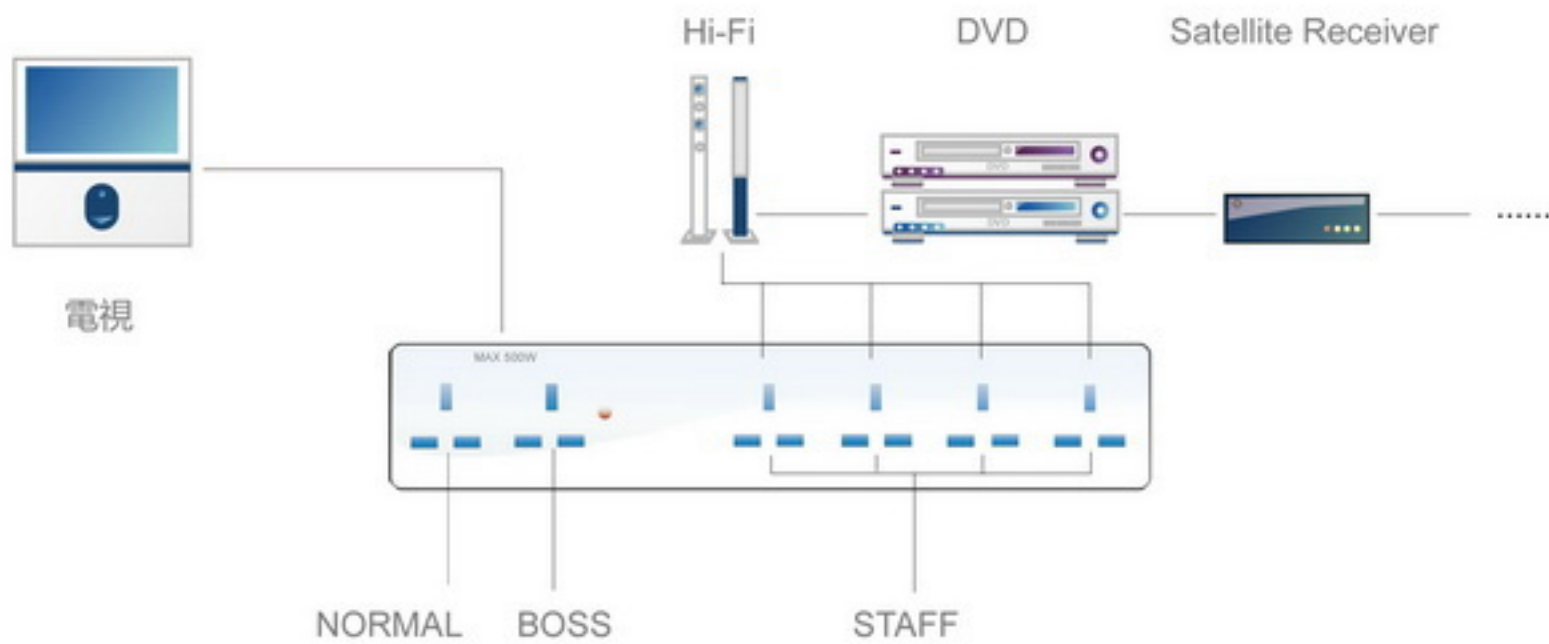
Advantages:

- Saves energy and money
- Powers all TV and Audio Visual equipments ON or OFF automatically
- Dedicated "Normal Socket" to power recording devices or similar items with timers.
- Helps to increase the lifespan of your equipments
- Provides high quality surge protection for your whole system
- Reduces fire risk

How does it work?

Instead of simply switching off the television intelligent Dr. Plug continues to record the amount of power being drawn by the television and waits until the internal circuitry has completely powered down into a standby state, only then does Dr. Plug switch the television and peripheral equipments off. Switching the television off immediately (as if pulling the plug from the mains) can cause corruption of the internal software in some digital televisions. This can result in the television having to go through a re-boot process.

Dr. Plug learns to recognize the signal from your television remote control; this enables it to activate your television automatically into standby mode whenever you are ready to use it.



BOSS socket is for TV while STAFF socket is for all TV related accessories. NORMAL socket can keep a product on standby mode that should not be turned off.

Dr. Plug AV Series



Advantages:

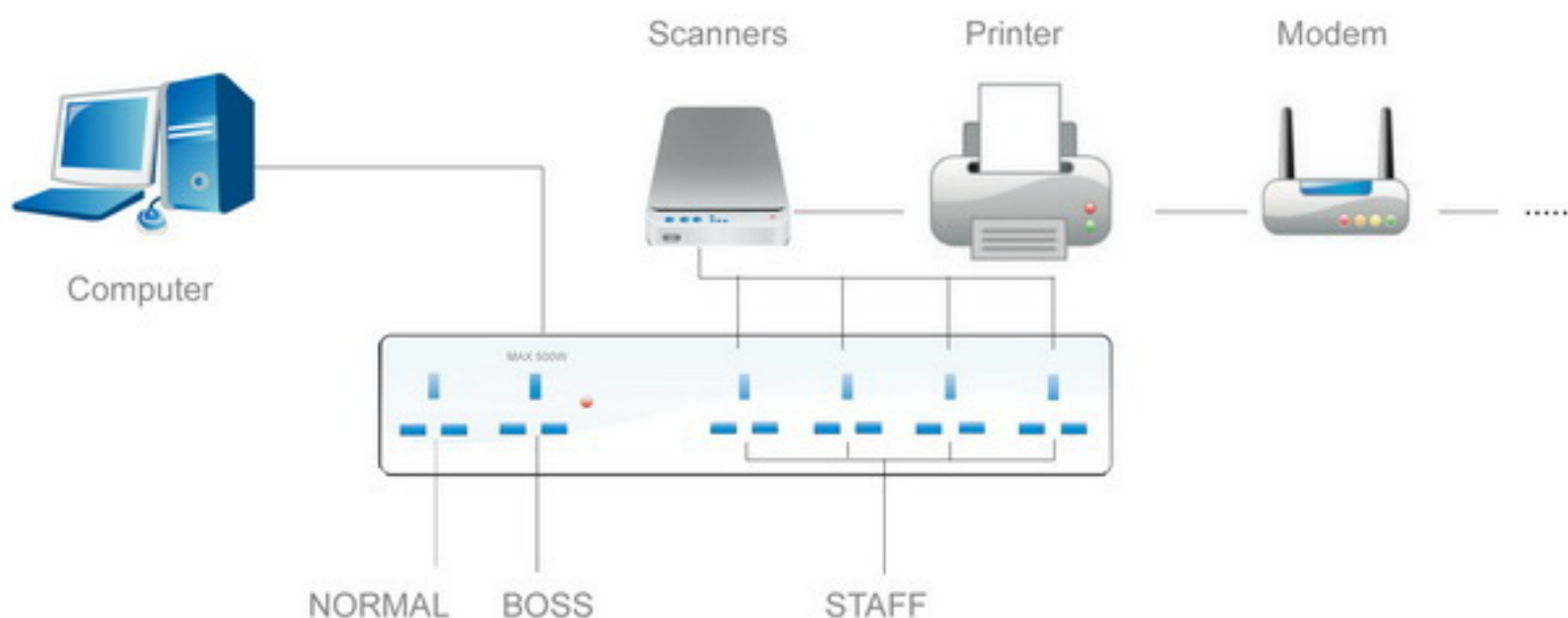
- Powers all computers and peripherals ON or OFF automatically
- Suitable for both Desktop and Laptop Computers
- Pays for itself many times over
- Simply PLUG-IN and SWITCH-ON
- Reduces the risk of fire
- Provides high quality surge protection for your whole system
- Increases the lifespan of your equipment
- PC and Mac compatible

How does it work?

Computers have complicated power demands, this is due to the internal software which seeks to reduce the amount of power the computer uses. When switching the computer on, all of the internal components, including the CD/DVD drives are powered. The computer will switch off internal devices once it has established that they are not required. This means that the power demanded by a computer can vary from an average of 70 to 350 watts and in some cases less than 2 watts.

Whilst all of this activity is being deployed by the computer to run as efficiently as possible, peripherals such as monitors, printers, speakers, scanners, and game consoles have very poor power management and are often left switched on when the computer is no longer in use. The challenge is to identify the correct threshold between the on and off level for the wide range of Desktop or Laptop Computers on the market, ensuring that peripherals are only switched off when the computer is not in use or in standby mode.

This has been achieved by our unique technology which automatically switches off peripherals when the computer is no longer in use.



BOSS socket is for desktop/laptop computer while STAFF socket is for all computer related accessories. NORMAL socket can keep a product on standby mode that should not be turned off.

Standard:

EN 55022:2006+A1:2007

EN 55024:1998+A1:2001+A2:2003

EN61000-3-2:2006

EN61000-3-3:1995+A1:2001+A2:2005

UL 1363

UL 1449

UL 61058-1 , 3rd Edition

CSA C22.2 No.21

CAN/CSA-C22.2 No.61058-1-05 , 1st Edition

BS 5733:1995+AMD9157:1996

BS EN 61058-1:2002