印製注意事項APPROVAL　產品編號MODEL # ：R9P503 & R9P805 Series 共用說明書

包裝形式 (Package Type) : Clam Shell

修改版本 Version#Revision : 1/1

應用軟體Application : Illustrator CS 3

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Die Line are 100% do not print.

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特別色 (Pantone)

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POWERTECH

勝德國際研發股份有限公司

Powertech Industrial Co., Ltd

10F, No. 407, Chung Shan Rd., Sec2,
Chung Ho City 235 , 23588 Taipei
County, Taiwan

T : +886-2-8221-5588

F : +886-2-8221-5680

E : sales@power-tech.com.tw

USB SMART SURGE PROTECTOR

R9P-503
R9P-805

User Manual

All Versions

January 2010

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INTRODUCTION

Thank you for purchasing the USB Smart Surge Protector, an innovative product which is designed to reduce both stand-by power waste & energy cost.

Stand-by power has always been around us. Many consumers often think their appliance is off. In fact, it is still standing by and still consuming power.

Inspired by Green, the USB Smart Surge System provides easy & efficient way to manage power outlets and stop stand-by power waste.

The System consists of two parts, USB Transmitter and Surge Protector.
When USB Transmitter is connected to device's USB port, it detects power in the USB port and wirelessly controls the "ENERGY SAVER outlets" on the Surge Protector accordingly.

These conditions are when you turn on the device; USB Transmitter will wirelessly turn on the "ENERGY SAVER outlets" on the Surge Protector.

When you turn off the device; USB Transmitter will wirelessly turn off the "ENERGY SAVER outlets" on the Surge Protector. As a result, the stand-by power waste is efficiently reduced.

The Surge Protector also provides advanced surge protection & power filtration to protect your electronic equipments from power surges & voltage spikes. And power filtration cleans the AC contamination and improves the performance of connected electronic equipments.

The USB Smart Surge Protector makes a great companion for everyday energy conservation and surge protection

FEATURES

USB TRANSMITTER

- Bypass USB Transmitter Design
  - Unique Bypass USB Port design frees up the USB port for other USB devices.
  - Great feature if your main device does not have enough USB ports.

- Learning and Grouping capability
  - One USB Transmitter can group with multi Surge Protectors by learning capability.
  - Enjoy the convenience that one USB Transmitter can control multi Surge Protectors within its wireless range.

SURGE PROTECTOR

- **Controlled by the USB Transmitter**, the ENERGY SAVER outlets on the Surge Protector automatically switch On or Off to eliminate unnecessary energy waste.
- **Advanced Surge Protection** protects your electronic equipments from surges and voltage spikes.
- **EMI/RFI Noise Filtration** eliminates the interference and improves the performance of your electronic equipments.

INSTALLATION

USB TRANSMITTER WIRELESS RANGE

In open space, the USB Transmitter has a wireless range up to 25 feet* to control the Surge Protector.

* Actual range may vary depending on environment condition, interference and building materials.

WALL MOUNTING

Mounting the Surge Protector

Note: Wall Mounting is available only on Strip and the Block type Surge Protector.

1. There are mounting holes on the back of the Surge Protector for wall or base board mounting.
2. Install screws (not included) on wall or baseboard surface (leaving at least 1/4 inch of the screw exposed).
3. Place and secure the Surge Protector on mounted screws.

CONNECTING INSTRUCTION

Before you start, take a few minutes to understand the conditions for the USB Transmitter to work correctly.

Few devices will always have power in its USB port regardless the on/off status of the devices. This is due to convenience reason that the user can still use the USB port with other handheld devices. In this case, the devices usually have higher stand-by power since the USB port always draws power from the devices.

Since the USB Transmitter detects the power on/off status in device USB port to correctly control the ENERGY SAVER outlets on the Surge Protector, the USB Transmitter will not work with device that always has power in its USB port when it is completely turned off.

The USB Transmitter is a great tool to check if your device USB port continues to draw power while it's turned off.

While your device is off, connect the USB Transmitter to one of its USB port. If the blue LED light illuminates, this indicates there is still power in the USB port when the device is off. Locate and use another USB port that does not have power in it for the USB Transmitter to correctly function.

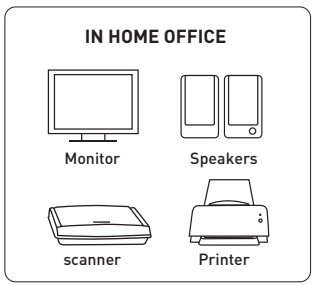
Step 1

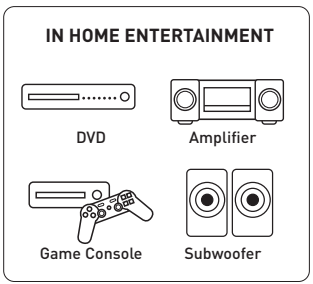
Connect electronic devices to the "ENERGY SAVER" outlets

"ENERGY SAVER OUTLETS"

These outlets are for devices which do not need to be on all the time and can be completely turned off when not in use. These outlets are automatically switched On and Off by the wireless USB Transmitter for energy conservation purpose

The ideal electronic devices for "ENERGY SAVER OUTLETS" are listed below





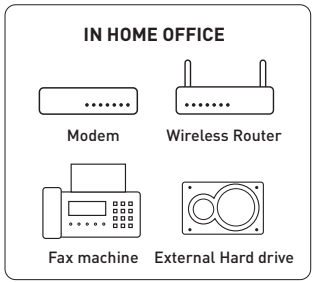
Step 2

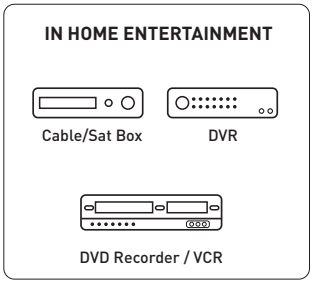
Connect electronic devices to the "ALWAYS ON" outlets

"ALWAYS ON OUTLETS"

These outlets are not switchable and provide continuous power for devices which always need to be stay on at all time.
Device which is hard drive-base or used for recording or schedule recording purpose should be connected to ALWAYS ON outlets.

The ideal electronic devices for "ALWAYS ON OUTLETS" are listed below

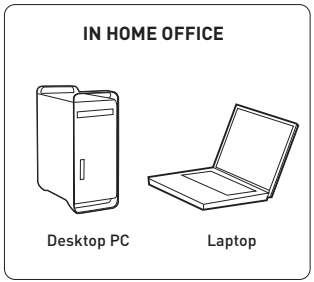


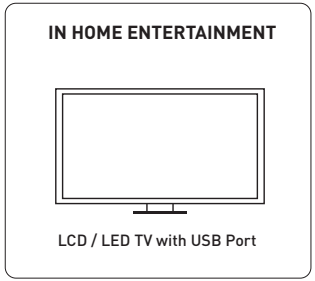


Step 3

Connect the main device to power source then connect the USB Transmitter to the main device's USB port

The ideal electronic devices which can be used as a main device are listed below





Note : The USB Transmitter can wirelessly control the surge protector within 25 ft. Depending on user's home setting; the main device can be connected to the "Always On Outlet" on the surge protector or any power outlet within the wireless range.
If the user connects the main device to the Energy Saver Outlet on the surge protector, due to the configuration of the product; the User will always need to manually turn on the power of the Energy Saver Outlets before the main device can be turned on.

Step 4
Plug in the power cord of the Surge Protector into the power outlet

Note: The ENERGY SAVER outlets on the surge protector are default at power off status

Optional* Connections on the Surge Protector

*Optional connections are only available on selected models

"USB CHARGER PORTS"
These two USB charging ports can provide 5V, total current rating of 1.5 Amps.

Exceeding 1.5 Amps rating will trigger the overload protection and disable the charging function. If your portable devices could not be charged, unplug the devices from the USB charging ports, and make sure the device you are going to charge will not exceed total 1.5 Amps.

"TELEPHONE (RJ11) PROTECTION"
Provide protection against surges on phone line.

"NETWORK JACK (RJ45) PROTECTION"
Provide protection against surges on network line.

"DSS/COAX CONNECTOR PROTECTION"
Provide protection against surges on cable, DSS, and cable modem.

OPERATION

USE USB TRANSMITTER TO CONTROL ENERGY SAVER OUTLETS

Devices such as desktop pc, laptop or LCD/LED TV with USB port are ideal to be used as the main device.

Connect USB Transmitter to the main device USB port. The unique bypass USB port design allows the user to connect any USB device to the bypass USB Transmitter.

When you turn on the main device, USB Transmitter will sense the power in the USB port, and wirelessly turn on the ENERGY SAVER outlets on the Surge Protector.

When you turn off the main device, USB Transmitter will sense no power in the USB port, and wirelessly turn off the ENERGY SAVER outlets on the Surge Protector to eliminate stand-by power waste.

Note : When the main device is turned off, the ENERGY SAVER outlets will be turned off after 120~180 seconds.
This is to avoid immediate power cut off of the device on ENERGY SAVER outlets while it is still in operation, so there is still time to turn off peripheral devices before power is cut off.

When the ENERGY SAVER ON indicator light on the surge protector flashes, this indicates the ENERGY SAVER outlets will be turned off in about 120 seconds.

SURGE PROTECTOR MANUAL ON/OFF AND LEARNING BUTTON

Note : This button serves as Manual and Learning functions.

Manual On/Off

If you have lost your USB Transmitter, you can still manually switch on/off the ENERGY SAVER outlets on the Surge Protector

1. Press the button once to switch on the ENERGY SAVER outlets. The ENERGY SAVER ON indicator light will illuminate to indicate that the ENERGY SAVER outlets are switched on.

2. Press the button once to switch off the ENERGY SAVER outlets. The ENERGY SAVER ON indicator light will go off to indicate that the ENERGY SAVER outlets are switched off.

LEARNING function

The USB Transmitter and the Surge Protector in the kit are pre-paired and ready to use.

If you purchase another compatible Surge Protector, you can pair the exiting USB Transmitter with the new purchase Surge Protector.

1. For first time pairing the USB Transmitter and the Surge Protector, locate the surge protector close to the main device.

2. Turn on the main device before pairing the USB Transmitter and the Surge Protector.

3. Press and hold the learning button on the Surge Protector for 5 seconds. At this time, the ENERGY SAVER ON indicator light will go flashing.

Note: you can release the button once the indicator light goes flashing

4. When the indicator light starts to flash; within 5 seconds, connect the USB Transmitter to the main device USB port. Once the USB Transmitter detects the power in main device USB port, it will send wireless code to the Surge Protector.

5. If the Surge Protector has successfully learned the code from the USB Transmitter, the ENERGY SAVER ON indicator light will go from flashing to solid light, then go off.

6. Redo step 3~5 if learning is not successful.

SPECIFICATIONS

Wireless Bypass USB Transmitter

*** Bypass USB Port**

Allow user to connect any USB device to this port

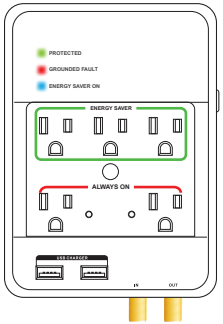
*** Power On Indicator Light**

The blue light illuminates to indicate the USB Transmitter is powered on

*** Cover Cap for USB Transmitter**

Protection cap for USB connection

Power On indicator	Blue LED
Wireless Range	Up to 25 ft (Open Space)



USB Smart Wall Tap Type Surge Protector

*** 2 "Always-On" Outlets**

Provide continuous power for connected devices

*** 3 "Energy Saver" Outlets**

Controlled on/off by USB Transmitter

*** Protected Indicator Light**

The green light illuminates to indicate the surge protection is active

*** Grounded Fault Indicator Light**

The red light only illuminates to indicate that the power outlets are not properly grounded

*** Energy Saver On Indicator Light**

The blue light illuminates to indicate the Energy Saver Outlets are switched on

***Always On Indicator Light**

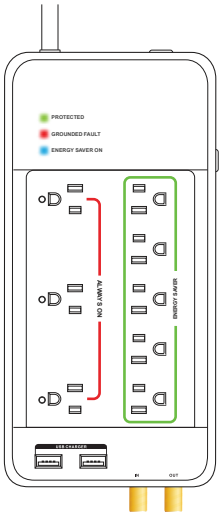
The green light illuminates to indicate that the Always On Outlets are active

*** Manual ON/OFF and Learning Button**

Press the button to power on/off the Energy Saver Outlets or execute learning function

Electrical Rating	15A / 120V, 60Hz, 1800 Watts
Surge Suppression	1080 J
Clamping Voltage	400 V
Optional Secondary	2 ports USB Charger (5V, total 1.5 Amps)
	Combo Phone Line (RJ11) & Network (RJ45) Protection
	DSS/COAX Connector Protection
Stand-by power	<0.7W

USB Smart Block Type Surge Protector



*** 3 “Always-On” Outlets**

Provide continuous power for connected devices

*** 5 “Energy Saver” Outlets**

Controlled on/off by USB Transmitter

*** Protected Indicator Light**

The green light illuminates to indicate the surge protection is active

*** Grounded Fault Indicator Light**

The red light only illuminates to indicate that the power outlets are not properly grounded

*** Energy Saver On Indicator Light**

The blue light illuminates to indicate the Energy Saver Outlets are switched on

***Always On Indicator Light**

The green light illuminates to indicate that the Always On Outlets are active

*** Manual ON/OFF and Learning Button**

Press the button to power on/off the Energy Saver Outlets or execute learning function

*** Circuit Breaker Reset Button**

Reset the circuit breaker after a current overload at 15 Amps. Disconnect all equipments before executing reset button

Electrical Rating	15A / 120V, 60Hz, 1800 Watts
Surge Suppression	2160 J
Clamping Voltage	330 V
Optional Secondary	2 ports USB Charger (5V, total 1.5 Amps)
	Combo Phone Line (RJ11) & Network (RJ45) Protection
	DSS/COAX Connector Protection
Stand-by power	<0.7W

FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

To assure continued FCC compliance:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.