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West Mountain Radio's

**HOLIDAY
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Up to \$25 Rebate on select
West Mountain Radio products

Offer valid between
11/22/2011 - 12/31/2011

[More Information](#)



Contact West Mountain Radio

Online Ordering:

www.westmountainradio.com/order-form.php

Customer Service/Phone Orders/Technical Support:

ph: 262-522-6503 sales x35 / support x32

sales@westmountainradio.com

support@westmountainradio.com

West Mountain Radio Adds Internet Based Monitoring and Control to RIRunner Product Line RIRunner 4005i

The new RIRunner 4005i 12V DC power strip enables amateur radio, emergency communications systems and repeater site operators to monitor and control their DC power distribution systems from any internet ready mobile device or PC. See how it can work for you!

All amateur radio station operators are responsible for maintaining control of their rigs at all times, to maintain compliance with FCC requirement Part 97. Sometimes, this may mean that the radio must be cycled off and on to regain control. Operators of emergency communications systems and repeater stations often have systems placed in remote sites, often times on mountain tops. Cycling the repeater's power off and on may entail several hours of driving to reach the station, sometimes in inclement weather.

Repeater stations are usually powered by uninterruptible power supplies (UPS) as shown on Page 3, many times using West Mountain Radio products for DC power switching, distribution and protection. While the UPS protects the backup battery, radio and power supply, a trip to the station is required to replace a blown fuse caused by a momentary power surge. And if the battery voltage drops too low as a result of an extended power outage, the PWRguard will cut off power to the rig, shutting down the station until power has been restored and the battery is recharged. In addition to regaining control of an errant radio, repeater site operators have a need to remotely monitor and control their system's DC power distribution system during extended power outages.

Purely for convenience's sake, Hams would like a way to turn on and off transceivers, amplifiers, radios and other components from the comfort of any part of their home instead of venturing out to their Ham shack, particularly when it is raining or snowing. And, if they are using their home rig for any automatic operations such as a home based Echolink station, Packet or BBS, they should also be able to perform a hard reset of any part of their system by cycling power off and on while at work or on vacation.

To address these issues, West Mountain Radio has developed the web enabled RIRunner 4005i. The RIRunner 4005i is an essential building block of a remotely operated amateur radio station. When connected to a router or modem through an Ethernet cable or WiFi link, it enables amateur radio, emergency systems operators and repeater site operators to monitor and control their DC power distribution systems from any internet ready mobile device or PC.





RIGrunner 4005i



RIGrunner 4005i Capabilities:

- Provides internet based monitoring and control of 12 VDC power distribution
- Delivers up to 40 amps total through 5 outlets while transmitting, 30 amps continuous
- Each outlet features independent on/off control and user configurable current trip point, 1A to 40A
- RJ45 Ethernet port standard, WiFi option available
- Integrated web server for monitoring and control
- Can be configured to issue alarm email when outlet trips off
- Front mounted LCD display and indicator LEDs for local monitoring of status, input voltage and current draw from each outlet
- Rear mounted Anderson Powerpole® connectors with locking clips
- Low profile for 1U rack or horizontal shelf mounting option

Using the RIGrunner 4005i, emergency systems and repeater station operators can monitor their DC power systems remotely and selectively turn off components to conserve energy, prolonging battery life in case of extended power outages. Trips to the site to replace blown fuses can be eliminated by remotely resetting solid-state electronic switches via the internet. Hams can turn off and on their ham shack components from the comfort of their living room, while using software running on their computer such as Ham Radio Deluxe to remotely communicate in digital mode. And, should a hard reset of their system be required, any components powered by a RIGrunner 4005i may be completely turned off, then turned back on.

For complete product details, go to www.westmountainradio.com/NL45i

The RIGrunner 4005i is priced from \$279.95, including software. It is available for pre-ordering from West Mountain Radio, or may be ordered from any authorized West Mountain Radio dealer. Expected ship date is mid-December 2011.

West Mountain Radio Expands Dealer Network in United Kingdom

West Mountain Radio has expanded its stocking dealer network in the United Kingdom with the addition

of Radioworld, Ltd. With the signing of a direct distribution agreement, Radioworld will be keeping a larger supply of West Mountain Radio's RIGblaster, RIGrunner and DC power products on-hand for immediate delivery. Now it is even easier for customers in the U.K. to purchase West Mountain Radio products

at competitive prices, without have to pay for shipping or import duties, or deal with customs issues.

To purchase West Mountain Radio products from distributors in the United Kingdom,

go to www.westmountainradio.com/UKNL

For a full list of dealers, go to www.westmountainradio.com/DLNL

“What Cable or RIGblaster do I Need?”

How many times have you asked yourself while perusing our website or shopping at the local dealer, “What cable do I need for the RIGblaster to do . . .?” Given the wide variety of radios in use today, the various rig control configurations, and flexibility of RIGblasters; you are not the only person asking this question.

West Mountain Radio has pooled information into a two new online selection tools to help you identify the RIGblaster best suited to your needs or the accessories to one you have:

“Recommend RIGblasters for My Radio” (<http://www.westmountainradio.com/RBFIND>), enables you to enter your radio model and check mark the features most interested in. The tool will recommend the RIGblaster model that best suits these needs. Within the same results, you can click to see the cable options that you may also need.

“Recommend RIGblaster Cables” (www.westmountainradio.com/CBLFIND) provides you the options and accessories for maximum use of your RIGblaster and radio.

These selection tools should answer most of the questions that plague you. However, we are still available for phone and email support if you cannot find what you need.

Happy DX and 73,



Recommend RIGblasters for My Radio

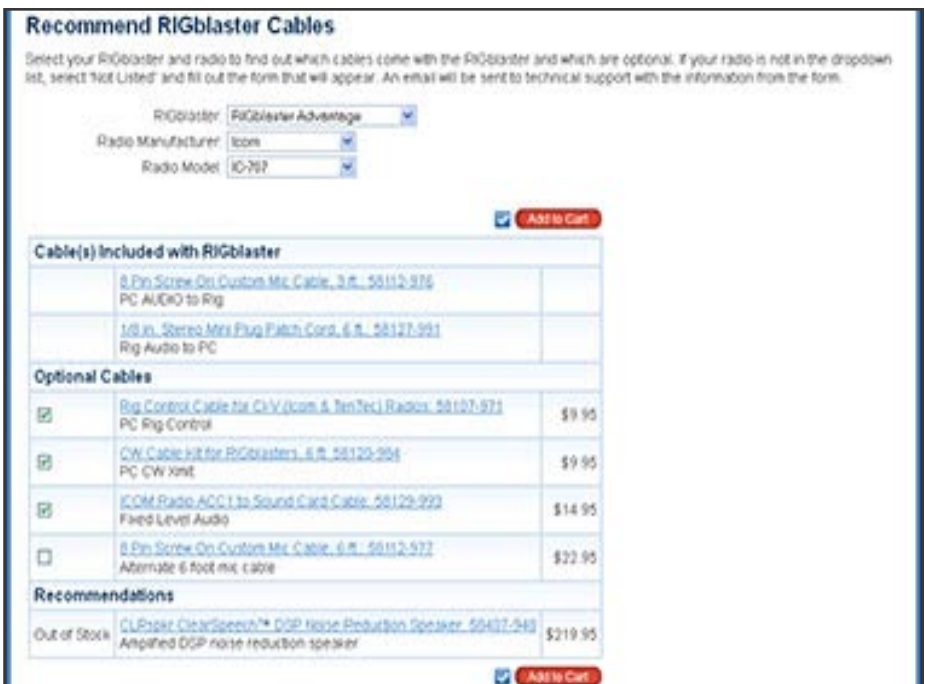
Select your radio to find out which RIGblasters will match. If your radio is not in the dropdown list, select 'Not Listed' and fill out the form that will appear. An email will be sent to technical support with the information from the form.

Radio
 Brand:
 Model:

RIGblaster	Cable Info	Price with Cables
RIGblaster Advantage		\$209.95 Buy Now

RIGblaster Features

- Digital Mode Operation (e.g. POC1, JT65, CW, etc.) [more info](#)
- PTT by Com Port [more info](#)
- Built-in USB Sound Card [more info](#)
- Digital Vex PTT [more info](#)
- CW Com Port Keying [more info](#)
- FSK Com Port Keying [more info](#)
- Simultaneous Use of Microphone [more info](#)
- Rig Control [more info](#)
- Dual Radio Operation (Digital & Voice) [more info](#)
- Dual Radio Operation (Digital, Voice, & CW) [more info](#)
- Microphone Audio Processing [more info](#)



Recommend RIGblaster Cables

Select your RIGblaster and radio to find out which cables come with the RIGblaster and which are optional. If your radio is not in the dropdown list, select 'Not Listed' and fill out the form that will appear. An email will be sent to technical support with the information from the form.

RIGblaster:
 Radio Manufacturer:
 Radio Model:

[Add to Cart](#)

Cable(s) Included with RIGblaster		
<input type="checkbox"/>	8 Pin Screw-On Custom Mic Cable, 3 ft., 58112-976 PC AUDIO to Rig	
<input type="checkbox"/>	1/8 in. Stereo Mini Plug Patch Cord, 6 ft., 58127-991 Rig Audio to PC	
Optional Cables		
<input checked="" type="checkbox"/>	Rig Control Cable for CxV (Icom & TenTec) Radios, 58107-971 PC Rig Control	\$9.95
<input checked="" type="checkbox"/>	CW Cable Kit for RIGblasters, 6 ft., 58120-996 PC CW Xmit	\$9.95
<input checked="" type="checkbox"/>	ICOM Radio ACC-1 to Sound Card Cable, 58129-999 Fixed Level Audio	\$14.95
<input type="checkbox"/>	8 Pin Screw-On Custom Mic Cable, 6 ft., 58112-972 Alternate 6 foot mic cable	\$22.95
Recommendations		
<input type="checkbox"/>	CLEAR ClearSpeech™ DSP Noise Reduction Speaker, 58407-949 Amplified DSP noise reduction speaker	\$219.95

[Add to Cart](#)

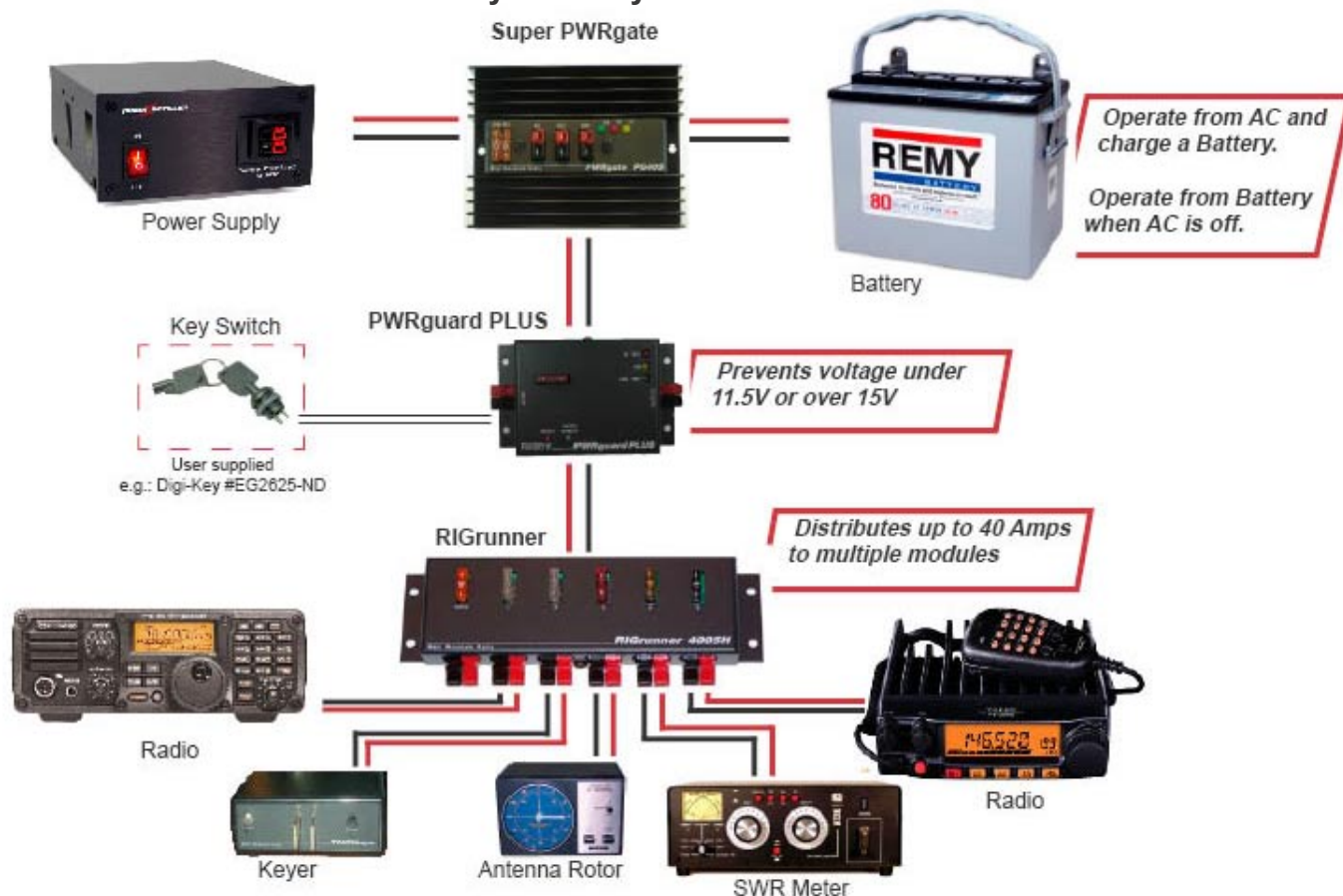
Introducing NEW - PWRguard PLUS

West Mountain Radio is excited to announce its latest generation automatic safety switch, PWRguard Plus. Like its predecessor, PWRguard Plus protects your radio, power supply and battery by turning off whenever an undervoltage or overvoltage condition is detected, then automatically turns the power back on when the voltage is within a safe operating window. PWRguard Plus extends this functionality to better meet the needs of amateur radio operators worldwide:

- Lockout triggering through external sense input
- Factory programming of custom trip limits
- 40 amp maximum current while transmitting, 30 amp continuous duty
- Soft turn-on / turn-off solid state switch

PWRguard Plus can cut off power to a rig by sensing an external relay contact or switch closure, or a low voltage (3 to 5VDC) signal. For example, this could be used to implement a safety keyed lockout switch that would prevent a rig from being accidentally turned on while the antenna is being serviced. In the UPS shown below, a normally open keylock switch connected to the PWRguard Plus is used to cut power off to the rig when the switch is closed. The low-cost keylock switch is available from Digikey, part number EG2625-ND.

UPS with PWRGuard Plus and Keyed Safety Lockout Switch



PWRguard Plus will automatically turn the power off when its input voltage exceeds 15 volts or drops below 11.5 volts. Momentary dips below 11.5 volts are tolerated to prevent false tripping. Custom trip limits now can be programmed to suit a customer's specific needs; for example to accommodate different battery chemistries, cabling voltage drops, or a rig's input power requirements.

PWRguard Plus will deliver 30 amps continuously but can handle up to 40 amps during periods when a rig is transmitting. It uses a solid state switch to control the voltage output, eliminating the contact bounce inherently found in relay controlled outputs. The switch turn-on and turn-off is also slew rate limited, softening the transition to slightly reduce in-rush current.

In addition to the previously provided indicator LEDs, an audible alarm has been added to notify the user that PWRguard Plus has turned the power off. The alarm sounds off once per minute unless the user has disabled it.

Best of all, West Mountain Radio was able to make these improvements without raising the price! PWRguard Plus retails for \$99.95, same as the PWRguard it replaces. It is available for immediate shipment from West Mountain Radio or may be ordered from any authorized West Mountain Radio dealer.

To learn more about PWRguard Plus, go to www.westmountainradio.com/PGPNL.

PWRguard PLUS

