



RICHARDSON PRODUCTS INCORPORATED

PowerTech Vent Power Center

The World's First Power Supply Specifically Designed to Power a Ventilator From your Wheelchairs Batteries!

Patented Technology
United States Patent No.
US 6,222,282 B1

- Eliminates Ventilator Batteries
- Connects to all Electric Power Wheelchairs
- Small and Compact Design
- Allows for tighter turning radius for better Maneuverability
- Provides Clean, Stable, and Regulated Power to your Ventilator
- Recharge your Wheelchair Batteries, while maintaining continuous, safe, reliable ventilator operation.
- Rated for 15.0 Amps of Continuous Current

RICHARDSON PRODUCTS
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The PTV is located inside of the LTV Transport Pack shown in the picture above.

Richardson Products introduces the world's first portable power supply specifically designed to power a ventilator from your wheelchair's batteries! The PowerTech Vent Power Center is small & compact, measuring only 5"x6"x1". It connects to all electronic power wheelchairs to provide safe, clean, regulated, and stable DC power to your portable ventilator. This innovative design eliminates the need for ventilator batteries or any additional medical battery power packs. This makes the wheelchair lighter and allows for a tighter turning radius for better maneuverability. The PowerTech Vent Power Center was designed with your safety, convenience, and freedom in mind. The PowerTech Vent employs a very limited number of electronic components in its design. This special design increases reliability, dependability, and the overall safety factor of this type of life support power supply. Charging has never been made easier. Simply charge your wheelchair's batteries and your ventilator will be ready to use. The PowerTech Vent Power Center also automatically charges the backup emergency battery located in the ventilator. It's that simple! An average user will be able to use their ventilator and use their wheelchair for the whole day! Please visit our website for more technical specifications on battery life and activity/time calculations. The PowerTech Vent Power Center really saves space on your chair, while providing your ventilator with clean, safe regulated power....consequently, charging is a snap, you travel lighter and experience more freedom and independence.

**The Choice is Clear...Simple, Smaller, Better!
Lose those Ventilator Batteries!**

For more technical information about this product please visit our Website:
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RICHARDSON PRODUCTS INCORPORATED

PowerTech II Power Center

Finally a Safe and Efficient way to Energize Today's Power Hungry Peripherals from your Wheelchair Batteries!

Patented Technology

United States Patent No.
US 6,222,282 B1

- Connects to all electric power wheelchairs
- Power any battery operated device
- Freedom from AC wall outlets
- Small and compact
- Provides clean, stable and efficient power when and where you need it most!
- Rated for 5.0 Amps Continuous Current

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Richardson Products introduces the world's first super compact ultra-high current power supply specifically designed to fit your wheelchair. This versatile device allows you to power your energy hungry laptop computer while letting you keep your freedom and mobility. Because you are using your wheelchair batteries, you are no longer anchored and dependent upon a 110 Volt wall outlet for power! The PowerTech II Power Center safely uses your wheelchair batteries to energize all of your accessory peripherals. (Examples: Laptop Computers, DynaVox Systems, CD players, Cell phones etc.) The PowerTech II Power Center is sleek and extremely compact and measures only 5"x6"x1", yet it is able to deliver a range of 5 Volts to 22 Volts @ 5 Amps of safe, clean, efficient power. The built in easy to read LCD Digital Display lets you dial in the exact voltage for your accessory devices. The PowerTech II is user friendly with a sophisticated microprocessor that monitors the exact voltage and current flow to your peripheral devices. The system will literally shut itself off in the event of thermal overload or a short circuit thus protecting itself and your expensive accessory equipment. The system comes with a mounting kit and installs on your chair in minutes.

What are you waiting for?

Cut the Cord and get rid of that Old AC Wall Anchor!
Power Up with the PowerTech II Power Center!

For more technical information about this product please visit our Website:
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HydroFlush Mini

Automatic Urinary Disposal System - Electronically empty your urinary leg bag when and where you want!

US Patent Pending

- Reduce the frequency of urinary tract infections by drinking more fluids
- You are in control when and where you empty your leg bag. Don't have to worry!
- Gain freedom & independence that you deserve!
- Empty your leg bag with a push of a button, anytime, anywhere!
- The HydroFlush Mini connects to all electric power wheelchairs
- Inconspicuous Design, Virtually unnoticeable
- Never have a catheter spill again

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The Best Electronic Leg Bag Emptier Available!



Microprocessor Control Unit



Electronic Solenoid Valve

Richardson Products presents industries most trusted electronic leg bag emptier! The HydroFlush Mini Electronic Leg Bag Emptier is specifically designed for quadriplegics. This device allows the user to empty their urinary leg bag electronically, with a simple push of a button. The product's primary purpose is to give the user increased freedom and independence while reducing the frequency of urinary tract infections. While using the HydroFlush Mini, the user can drink more fluids and not have to worry if someone is available to empty their leg bag. The HydroFlush Mini is a heavy duty device, when properly maintained the product will last a lifetime. The HydroFlush Mini uses state of the art electronics to accomplish this task safely. The HydroFlush Mini has an integrated quick disconnect feature which allows the user to physically connect and disconnect from their wheelchair in less than 3 seconds. This feature allows an aid to transfer the user to and from the wheelchair in a quick, efficient manner. This feature sets the HydroFlush Mini apart from any other electronic leg bag emptier on the market! The HydroFlush Mini is simply the best electronic leg bag emptier available on the market today. People will not be able to notice that you are using the device due to its inconspicuous design. The appearance of the HydroFlush Mini is virtually unnoticeable when properly installed. The HydroFlush Mini is safe, easy to use, and installs on your wheelchair in minutes. Never again, do you have to worry about the quantity of liquids you consume.

What are you waiting for?

Don't be limited, have the freedom and independence you deserve!

For more technical information about this product please visit our Website:
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IllumiRay Solid State Mini Light

Finally, a high quality cost effective solid state lighting solution for your wheelchair!

Patented Pending

- Anodized Aluminum Construction
- Solid State Electronics
- Small Compact Design
- Safe Operation - No Heat
- Universal Mounting Bracket
- High Efficiency LED Lighting
- LED Lifetime Warranty
- 12 Volt DC Operation
- 8200 MFC Light Output

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Richardson Products introduces cost effective solid state lighting technology specifically designed for your wheelchair! The IllumiRay Mini light is a continuous duty 12 element solid state flashlight. This high quality light is made from the finest materials available. Its lightweight anodized aluminum housing is very rugged. Its compact design and swivel head allows you to direct light to where it is needed most. IllumiRay is very safe to use. It will never heat up like all incandescent lights do. Its solid state lighting technology is highly efficient so it will not drain your wheelchair batteries. The IllumiRay Solid State Mini Light has the highest light density output with the lowest current draw for a solid state flashlight in its class.

IllumiRay's 12 element circular LED array emits a brilliant 35 degree cone of white light. The emitted beam will allow the user to operate their wheelchair safely and more confidently, even on the darkest of nights. Its compact design saves valuable space on your wheelchair. The IllumiRay is water resistant and has no filament to break or burn out. The IllumiRay LED array has a lifetime warranty plus a 1 year warranty for all other parts.

Have a Manual Wheelchair? No Problem!

If you do not have an electric wheelchair, the system may also be configured to operate from a small rechargeable battery pack.

When moonlight just isn't enough...IllumiRay Solid State Lighting Solutions!

For more technical information about this product please visit our Website:
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RICHARDSON PRODUCTS INCORPORATED

Ground FX! Solid State Color Lighting Kits

Experience Fun lighting effects specifically designed for your wheelchair with Ground FX!

Patented Pending

- Anodized Aluminum Construction
- Solid State Electronics
- Small Compact Design
- Safe Operation-No Heat
- Universal Mounting Bracket
- High Efficiency LED Lighting
- LED Lifetime Warranty
- 12 Volt DC Operation
- 8200 MFC Light Output

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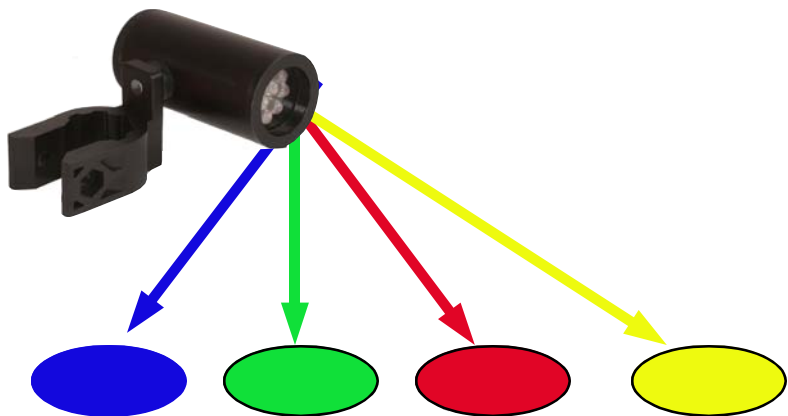
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Available in Blue, Green, Red, Yellow and White.

Richardson Products offers our IllumiRay technology in a special kit called Ground FX! The Ground FX! Lighting Kit will add a splash of colored light under your wheelchair. The Ground FX! Lighting Kit contains 3 IllumiRay Mini lights which are continuous duty 12 element solid state flashlights. These high quality solid state lights are made from the finest materials available. They are lightweight and have an anodized aluminum housing which makes for very rugged construction. The compact design and swivel head allows you to direct the effects lighting to where you want it. IllumiRay lighting is very safe to use. It will never heat up like most incandescent lights. Its solid state lighting technology is highly efficient so it will not drain your wheelchair batteries. The IllumiRay technology has the highest light density output with the lowest current draw for a solid state flashlight in its class. This kit is fun for all ages!

IllumiRay's 12 element circular LED array emit a brilliant cone of colored light. The Ground FX! Lighting Kit is easy to install and will make your chair glow with the color of your choice. The IllumiRay Technology is water resistant and has no filament to break or burn out. All IllumiRay LED arrays have a lifetime warranty plus a 1 year warranty for on all other parts.

Ground FX! Lighting Kits use the IllumiRay Solid State Lighting Technology!

For more technical information about this product please visit our Website:
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RICHARDSON PRODUCTS INCORPORATED

Environmental Control System ECS

Finally A Multifunction X-10 Environmental Control System Specifically Designed for the Disabled Community

Patent Pending

- Uses Ordinary X-10 Technology You don't have to re-wire your home! Uses your pre-existing 110VAC wiring!
- The ECS is very easy to use, and accepts a wide variety of input switches
- Amazingly Accurate Voice Recognition
- Easy to read Tri-Color Led Display
- Built in Relay Switch Port (special interface to switch "on" any desktop computer!)
- Expandable Computer Access Port
- Unit Ships Complete Everything you need to get started to take control of your homes electrical appliances
- A very reliable way to control your home lighting and appliances

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Richardson Products Presents The ECS X-10 Environmental Control System with Voice Recognition! The ECS allows a user to take control of any ordinary X-10 receiver modules. This amazing technology allows you to take complete control over lighting and appliances in your home. The ECS allows the user to interface with their environment in a variety of ways. The ECS has two standard 1/8" Switching Jacks that allow a variety of switches to control the system ranging from ordinary pushbuttons to even Sip & Puff technology. But the best part is its built in amazingly accurate Voice Recognition System. You have to see it to believe it! Say "Computer...Kitchen Lights" and the Kitchen Lights come on! Take control of your environment by simply speaking to your household appliances and lighting! The ECS is sleek and extremely compact and measures only 5"x6"x1". The ECS is user friendly with 4 sophisticated microprocessors that make controlling your household appliances as easy as talking to them! The system has 8 separate X-10 control channels, but due to the nature of X-10 technology infinite combinations of lighting and switching are possible. The ECS system ships with everything you need to take control of your home today!

**You want simplicity it doesn't get more simple than this!
Talk to your household lighting and appliances!
What are you waiting for? Try the ECS today!**

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Universal Control Panel

Control just about anything on your wheelchair!

Patent Pending

- Universal Implementation
- Universal Mounting
- Ergonomic Design
- 3 Powered 12 Volt I/O
- 2 Switched I/O
- 1 Pushbutton Switch
- Custom Configurations Available

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Richardson Products Inc. introduces The Universal Control Panel specifically designed for you and your wheelchair! For individuals with disabilities or progressively degenerative disorders, technology is sometimes able to reduce the effects of the disability. The problem our control panel solves is the challenge of interfacing many different types of assistive technology with the user. Implementing different types of technologies within a wheelchair's environment can be a daunting task.

Because every disability is different, the types of technology required are different, based on the specific needs of the user. Richardson Products Inc. has recognized this problem and has developed a Universal Control Panel that can be used on any power wheelchair. The device allows different technologies to integrate seamlessly and gives ultimate control back to the user.

The Universal Control Panel will allow you to easily take control of just about any device. Here are some examples of the types of devices that can be controlled: MP3 Players, CD Players, Radios, Fans, Heaters, etc. The Universal Control Panel also interfaces with all Richardson Products Inc. products such as: The IllumiRay & The HydroFlush Mini.

If you don't see your device on the list...give us a call. We can provide you with a solution to meet your specific need.

For more technical information about this product please visit our Website:
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Sip & Puff Breath Delivery System And Controller Options

Award Winning Design

- Heavy Duty Construction
- Desktop or Wheelchair Mount
- Quick Disconnect Design
- Replaceable mouth tubes
- High quality enclosures
- Lifetime warranty on switches
- Universal Breath Delivery

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Sip & Puff Breath Delivery System
Controllers Not Shown

Richardson Products introduces a very cost effective Sip & Puff System. Our Sip & Puff is comprised of a Breath Delivery System and your choice of Controller. This design easily interfaces to all wheelchairs and to most wheelchair breath control electronics. Our Sip & Puff will provide access to many electronic devices that operate by low voltage switch closures. The Sip & Puff Breath Delivery System can be used on a desktop or it can be directly mounted to the frame of any wheelchair. Our award winning quick disconnect design has a small flexible gooseneck that may be adjusted to any position. We offer a lifetime warranty on the electronic-pneumatic Sip & Puff Switches used in all of our controllers.

Available Controller Options: You have the choice of choosing what type of controllers you wish to use with our Sip & Puff Breath Delivery System. If you need basic 2 channel switch functionality take a look at our 2 Channel Controller. Need more robust control, take a look at our Multi-Channel Microprocessor Controller.

2 Channel Controller

Our 2 Channel Controller has two electronic-pneumatic switches that will let you take control over your electronic accessories by simply sipping or puffing. More information about this device can be found at our website.

Multi-channel Microprocessor Controller

The Multi-Channel Microprocessor Controller allows you to operate over 8 devices. The simple computerized LED menu allows a user to take complete control over their environment, wheelchair or other electronic devices. For more information see our website.

Manufacturing Sip & Puff Solutions that Work!

For more technical information about this product please visit our Website:
WWW.RICHARDSONPRODUCTS.COM



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