

FRIEDMAN[®]

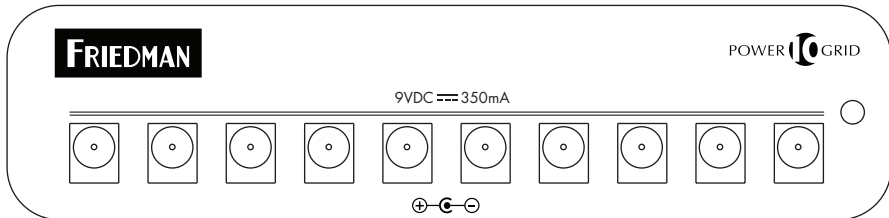
E S S E N T I A L S

Congratulations on your purchase of the Friedman Power Grid 10

While Dave Friedman is world renowned for the great sound and functionality of his products, the Power Grid's claim to fame is its light weight, universal voltage and most importantly, the Power Grid 10 is dead silent. After building pedal boards and rack systems for the who's who in the industry for 25 years, Dave knows the importance of a dead silent, hum free rig.

The Friedman Power Grid 10 is a universal input voltage pedal power supply. Meaning, you can plug it in anywhere in the world without having to flip voltage switches or worrying about having to use a step up or step down transformer. The Power Grid 10 utilizes an advanced switch mode power supply, which eliminates the need to use large toroidal transformers. The result is no proximity hum will infiltrate your pedals. This allows your pedal board to be ultra quiet onstage or in the studio.

Additionally, the Power Grids switch mode power supply technology allows it to be much lighter in weight than most if not all of the current power supplies on the market. And, when your lugging around your rig all over the world, the lighter the better. The Power Grid 10 transforms the wall voltage from 100-240vac and converts it to the stated voltages on the front panel of the Power Grid 10.



INSTRUCTIONS

Please keep this instruction manual for future reference and for the duration of owning this Friedman power supply. Please carefully read and understand the instructions inside this user's manual before attempting to operate your new power supply. This instruction manual includes essential safety information regarding the use and maintenance of the power supply. Take special care to heed all warning symbols and signs inside this manual and those printed on the Power Supply itself.

WARNING: Using this power supply contrary to the guidelines of this manual may damage your pedals. Friedman Amplification is in no way responsible for damage of your pedals resulting in improper use of this power supply.

INPUT POWER CABLE: Insert the included universal IEC plug into the socket on the back of the Power Grid 10. Plug the other end into a wall outlet or power strip.

CABLES INCLUDED:

- 2 x 2.1mm BLACK connector to 2.5mm BLUE connector polarity reversed - 20" long right angle connector on both sides.
- 10 x 2.1mm BLACK connector to 2.1mm BLACK connector regular polarity - 20" long right angle connector on both sides.
- 1 x 2.1mm BLACK connector to 1/8" phono BLACK connector 20" long right angle connector on 2.1mm connector.
- 1 x 2.1mm sleeve to 1/8" tip and 2.1mm center to 1/8" sleeve - 20" long.
- 1 x 18V cable 2.1mm BLACK connector with additional 2.1mm slave connector on one side to 2.1mm BLACK connector regular polarity - 20" long right angle connector on both sides.

IMPORTANT: You must know the power requirements of your pedals and match them to the capabilities of the Power Grid Power Supply. Mismatching your pedal's requirements and the Power Grid's performance is the difference between your pedal working correctly and potentially damaging it.

OUTPUTS: The Power Grid 10 provides 10 isolated outputs delivering a maximum 350mA per output at 9Vdc tip negative.
Guidelines: If you plug a pedal that requires more current than what the Power Grid output provides, your pedal will simply not work correctly. We simply recommend not doing it!

KNOWING YOUR PEDALS POWER REQUIREMENTS:

You should know what pedal you are plugging into the Power Grid 10. Inspect your pedal, refer to the instruction manual of your pedal, check online or contact the manufacturer - one way or another you should know what you plugging into this power supply.

Important:

- If your pedal's power requirement is 9Vdc (center negative) and does not draw more than 350mA, you can plug into any output.
- If your pedal's power requirement is 9Vdc (center positive) and does not draw more than 350mA you can plug into any outputs - BUT, you must use the supplied black and blue cable supplied (which reverses the polarity)!
- If your pedal's power requirement is 18Vdc and does not draw more than 350mA, you will need to use two of the 9Vdc outputs and use the included 18V cable.

WARNING: DO NOT DISSAMBLE the power supply there are no serviceable parts inside.

**WARNING!**

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE POWER SUPPLY TO WATER OR MOISTURE.
DO NOT OPERATE NEAR ANY WATER SOURCE

**WHAT'S THE MEANING OF THIS?**

The lightning flash with an arrow triangular symbol is intended to alert the user to the presence of non-insulated "dangerous voltage" within the products enclosure, and may be of sufficient magnitude to constitute a risk of electric shock

**WHAT'S THE MEANING OF THIS?**

The exclamation point triangular symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the user manual accompanying this amplifier!

1. Read Instructions – All the safety and operating instructions should be read before this product is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.

3. Heed Warnings – All warnings on the Power Supply and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. Water and Moisture – The Power Supply should not be used near water - for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or near a swimming pool, and the like.
6. Wall or Ceiling Mounting – The product should never be mounted to a wall or ceiling.
7. Heat – Power Supply should be situated away from heat sources such as radiators, heat registers, stoves, or other Power Supply (including amplifiers) that produce heat.
8. Power Sources – This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
9. Grounding or Polarization – This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
10. Power-Cord Protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the power supply.
11. Cleaning – The Power Supply should be cleaned only as recommended by the manufacturer. Clean by wiping with a dry only. Avoid getting water inside the power supply.
12. Non-use Periods – The power cord of the Power Supply should be unplugged from the outlet when left unused for a long period of time.
13. Object and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
14. Damage Requiring Service – The Power Supply should be serviced by qualified service personnel when

- A. The power-supply cord or the plug has been damaged; or
- B. Objects have fallen, or liquid has been spilled into the power supply; or
 - C. The Power Supply has been exposed to rain; or
 - D. The Power Supply does not appear to operate normally or exhibits a marked change in performance; or
 - E. The Power Supply has been dropped, or the enclosure damaged.
- 15. Servicing – The user should not attempt any service to the Power Supply beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
- 16. Ventilation – Slots and openings in the power supply are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built- in installation such as a bookcase or rack.
- 17. Attachments – do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 18. Lightning – For added protection for this product before a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and powerline surges.
- 19. Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 20. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Limited Warranty

FRIEDMAN offers a three (3) year warranty to the original purchaser that this FRIEDMAN product will be free from defects in material and workmanship. A dated sales receipt will establish coverage under this warranty. This warranty does not cover service or parts to repair damage caused by accident, neglect, normal wear, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures and service, repair or modifications to the product which have not been authorized or approved by FRIEDMAN. If this product is defective in materials or workmanship as warranted above, your sole remedy shall be repair or replacement as provided below.

RETURN PROCEDURES

In the unlikely event that a defect should occur, follow the procedure outlined below. Defective products must be shipped, together with a dated sales receipt, freight pre-paid and insured directly to FRIEDMAN. A Return Authorization Number must be obtained from our Customer Service Department prior to shipping the product. Products must be shipped in their original packaging or its equivalent; in any case, the risk of loss or damage in transit is to be borne by the purchaser. The Return Authorization Number must appear in large print directly below the shipping address. Always include a brief description of the defect, along with your correct return address and telephone number.

When emailing to inquire about a returned product, always refer to the Return Authorization Number. If FRIEDMAN determines that the unit was defective in materials or workmanship at any time during the warranty period, FRIEDMAN has the option of repairing or replacing the product at no additional charge, except as set forth below. All replaced parts become a property of FRIEDMAN. Products replaced or repaired under this warranty will be returned via ground shipping within the United States-freight prepaid. FRIEDMAN is not responsible for costs associated with expedited shipping, either to FRIEDMAN or the return of the product to the customer.

INCIDENTAL OR CONSEQUENTIAL DAMAGE In no event is FRIEDMAN liable for any incidental or consequential damages arising out of the use or inability to use of any FRIEDMAN product, even if FRIEDMAN or a

FRIEDMAN dealer has been advised of the possibility of such damages, or any other claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

FOR YOUR PROTECTION

Please complete the online warranty registration within (10) ten days of the date of purchase so that we may contact you directly in the event a safety notification issued in accordance with the 1972 Consumer Product Safety Act.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CUSTOMER SUPPORT

Our dedicated staff is ready to help you with any warranty or product questions - please email us at FriedmanAmps@Gmail.com

FRIEDMANAMPLIFICATION.COM

