CORSAIR®

POWER SUPPLY MANUAL

Congratulations on the purchase of your new Corsair power supply.

This User Agreement (the "Agreement") is a legal agreement between you ("You"), and Corsair Memory, Inc. ("Corsair"). You are agreeing to be bound by the terms of this agreement, as defined below, by using the Corsair power supply ("Product"). If you have any questions or concerns about the terms of this agreement, please contact us at http://corsair.com. If, prior to using the Product, you decide you are unwilling to agree to the terms of this agreement, promptly return the Product and the accompanying items (including written materials and binders or other containers) to Corsair or the Corsair authorized distributor from whom you obtained the Product and accompanying items. If you have already paid for the Product, provide us with your proof of purchase and we will refund to you the fees you have paid for these items.

Corsair Limited Warranty

Corsair provides a warranty to the original purchaser only that this genuine Corsair power supply, purchased from an authorized Corsair reseller, will be free from defects in material and workmanship for the following number of years from the date of purchase:

VS, CX, CX-M, GS, and CS-M Series: three (3) years
TX, TX-M and RM Series: five (5) years
HX, AX and AXi Series: seven (7) years

Except where prohibited by applicable local law, this warranty is limited to the original purchaser and is non-transferable. This warranty provides you with specific legal rights, and you may have additional rights that vary under local laws.

In general, this warranty means your Corsair power supply is guaranteed to operate, as specified by its datasheet and/or product documentation, and in the operating environment for which it was intended, for the life of the product or the extent of the warranty.

Remedies

Corsair's entire liability and your exclusive remedy for any breach of warranty shall be, at Corsair's exclusive discretion: 1) to repair or replace the hardware, or 2) to refund the price paid, provided that the hardware is returned to the original place of purchase, or another place as directed by Corsair, with the original sales receipt (or a valid copy thereof). You may be required to pay shipping and handling charges, as well as any applicable tariffs, duties, taxes, or other fees, except where prohibited by applicable local law. Corsair may, at its exclusive discretion, use new or used/refurbished parts in good working condition, to repair or replace the hardware.

Any repaired or replacement hardware will be warranted for the remainder of the original warranty period, or thirty (30) days, whichever is greater, or for any additional period of time that is specified by law in your local jurisdiction.

Obsolete or Discontinued Products

Whenever possible, an obsolete or discontinued product will be replaced with the same product. If Corsair is unable to replace your obsolete or discontinued product with the same product, Corsair will replace that product with a new product of similar function and equal or greater value.

Exclusions

This warranty does not cover problems or damage resulting from, but not limited to, any of the following:

- Wear and tear associated with normal use
- Any modification, abuse, accident, disassembly, misapplication, or unauthorized repair
- Removal of any manufacturer label(s) or sticker(s)
- Any improper operation, including any use not in accordance with any supplied product instructions
- Connection to any improper voltage supply
- Use of consumables, such as replacement batteries, not supplied by Corsair, except where such restriction is prohibited by applicable local law.
- Any other cause which does not relate to a product defect in materials or workmanship

Also excluded from this warranty are counterfeit products; that is, products that Corsair, at its sole discretion, determines were not manufactured by Corsair or any of its authorized manufacturing partners.

Limitation of Liability

CORSAIR SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, REVENUE, OR DATA (WHETHER DIRECT OR INDIRECT) OR COMMERCIAL LOSS FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON YOUR PRODUCT EVEN IF CORSAIR HAS BEEN ADVISED PREVIOUSLY OF THE POSSIBILITY OF SUCH DAMAGES. Some local laws do not allow the exclusion or limitation of special, indirect, incidental or consequential damages, so this limitation or exclusion may not apply in your jurisdiction.

Duration of Implied Warranties

EXCEPT AS PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS HARDWARE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE APPLICABLE LIMITED WARRANTY PERIOD FOR YOUR PRODUCT. Some local laws do not allow limitations on how long an implied warranty may last, so this limitation may not apply in your jurisdiction.

National Statutory Rights

Consumers may have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties in this Limited Warranty.

No Other Warranties

No Corsair employee, dealer, or other agent is authorized to make any modification, extension, or addition to this warranty.

How to Make a Warranty Claim

Before submitting a warranty claim, we suggest you contact our technical support group or visit corsair.com and review the support section for technical assistance. A simple fix for your problem may be found there.

Generally, valid warranty claims should be processed through your original point of purchase during the first thirty (30) days after purchase. This period may vary depending on where you purchased your product; please verify the return policy with the retailer where you purchased your product. Any warranty claims that cannot be processed through your original point of purchase should be addressed directly to Corsair. Our customer service contact information can be found on the web at corsair.com/contact or in the documentation included with your product.

Introduction

Corsair power supplies are designed for worry-free compatibility for your desktop PC system build or upgrade. With the features to be expect from a premium power supply, it's a great choice for systems where continuous and reliable power delivery and low noise are essential.

Your Corsair power supply is packed with the latest technology and features:

• CX750, CX750M, GS, TX, TX-M, GS, CS-M, HX, AX and AXi Series support the latest ATX12V2.4 standard and is backward compatible with ATX12V2.31 and earlier, as well as ATX 2.2 and earlier systems.

• CX600, CX600M and lower wattages in the CX and CX-M Series and VS Series support the ATX12V3.1 and is backwards compatible with all earlier ATX12V systems as well.

• All Corsair power supplies feature a thermostatically controlled intake fan that will vary fan speed in response to temperature. The result is a quieter power supply at low loads.

• Corsair's GS, TX, TX-M, RM, HX, AX (not including AX1200) and AXi all feature a Zero RPM fan mode. At low loads, the intake fan will not spin, allowing the power supply to operate in absolute silence.

• All of Corsair's power supplies are at least 80% efficient at loads of 10% and greater.

• 0.99 Active Power Factor Correction provides clean and reliable power.

• A dedicated single +12V rail offers maximum compatibility with the latest components.

• Over-voltage and over-power protection, under-voltage protection, and short circuit protection provide maximum safety to your critical system components.

• Extra-long cables support full tower chassis.

• Cables are either sleeved or are flat ribbon-style for improved aesthetics and better airflow

• Modular units, such as the CX-M, TX-M, CS-M, RM, HX, AX and AXi, allow users to remove cables. This makes installation easier and allows the customer to eliminate unused cables, which reduces cable clutter within the chassis.

• Up to a seven year warranty and lifetime access to Corsair's legendary technical support and customer service.

Installation

Before proceeding with installation, please read this manual in its entirety.

Step A: Removing your existing power supply

If you are building a new system, skip to Step B.

1. Disconnect the AC power cord from your wall outlet or UPS and from the existing power supply.
2. Disconnect all the power cables from your video card, motherboard and all other peripherals.
3. Follow the directions in your chassis manual and uninstall your existing power supply.
4. Proceed to Step B.

Step B: Installing the Corsair power supply

1. Make sure the power supply's AC power cable is not connected.
2. Follow the directions in your chassis manual and install the power supply with the screws provided.
3. Connect the main 24-pin power cable. The main 24-pin power cable has a detachable 4-pin mechanism in order to support either a 24-pin or a 20-pin socket on the motherboard.
   A. If your motherboard has a 24-pin socket, you may connect the 24-pin main power cable from the power supply directly to your motherboard.
   B. If your motherboard has a 20-pin socket, you must detach the four-pin cable from the 24-pin connector, and then plug the 20-pin cable onto your motherboard without connecting the four-pin connector.
4. Connect the eight-pin +12V (EPS12V) cable to the motherboard.
   A. If your motherboard has an eight-pin +12V socket, connect the eight-pin cable directly to your motherboard.
   B. If your motherboard has a four-pin socket, detach the four-pin from the eight-pin cable, and then plug this four-pin cable directly to your motherboard.

WARNING: The detachable four-pin from the 24-pin main connector is not a "P4" or "+12V" connector. Serious damage can be caused if you use it in place of a "P4" or "+12V" connector.

5. Connect the peripheral cables, PCI-Express cables, and SATA cables.
   A. Connect the peripherals cables to your hard drive and CD-ROM/DVD-ROM power sockets.
   B. Connect the SATA cables to your SATA SSD or hard drive's power sockets.
   C. Connect the PCI-Express cables to the power sockets of your PCI-Express video cards if required.
   D. Connect the peripheral cables to any peripherals requiring a small 4-pin connector.
   E. Make sure all the cables are tightly connected. Be sure to save any unused modular cables for future component additions.
6. Connect the AC power cord to the power supply and turn it on by pushing the switch to the ON position (marked with "I").

Congratulations! You have completed installation of your new Corsair power supply and your system is ready to go!

Important safety information



CAUTION ELECTRIC SHOCK HAZARD!

1. Install in accordance with all manufacturer instructions and safety warnings. Failure to do so may result in damage to your power supply or system, and may cause serious injury or death.
2. High voltages are present in the power supply. Do not open the power supply case or attempt to repair the power supply; there are no user-serviceable components.
3. This product is designed for indoor use only.
4. Do not use the power supply near water, or in high temperature or high humidity environments.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
6. Do not insert any objects into the open ventilation or fan grill area of the power supply.
7. Do not modify the cables and/or connectors included with this power supply.
8. If this power supply uses modular cables, use only manufacturer supplied cables. Other cables might not be compatible and could cause serious damage to your system and power supply.
9. The 24-pin main power connector has a detachable 4-pin connector. This 4-pin connector is not a P4 or ATX 12V connector. Do not force this cable in the P4 or ATX +12V socket on the motherboard.
10. Failure to comply with any manufacturer instructions and/or any of these safety instructions will immediately void all warranties and guarantees.