



User Manual

Glowforge Ethernet Adapter™

for your Glowforge Printer

Version 0.1

2024-07-15

Introduction

Your new Glowforge Ethernet Adapter lets you and your Glowforge Printer create amazing things from almost anywhere — no windows required. Whether you're in an office, garage, or craft show, you'll get the same great results everywhere.

We can't wait for you to get started, and this manual covers everything you need to know about setting up your Glowforge Ethernet Adapter with your printer, and making it work for you. We're dedicated to making your experience delightful, so if you ever have any questions, let us help at support.glowforge.com.

Thank you again for being part of our community. We can't wait to see what you create.

P.S. The next section is long and very important, covering how to use your Glowforge Ethernet Adapter safely. Please read the safety instructions closely, and follow them every time. We always want you to create safely!

Safety

Now, it's time to be serious. Improperly operating the Glowforge Ethernet Adapter unit can cause fire and health hazards. These can result in serious injury or even death.

Before you start

- Read this manual before using your Glowforge Ethernet Adapter, and ensure everyone else who uses it reads this too.
- Always follow all instructions in this manual, in the Glowforge Printer Manual and in the Glowforge App.
- Only use the power adapter provided with the Ethernet Adapter, do not use any third-party products.
- Children require the supervision and assistance of an adult at all times.
- This product may be subject to regulations and standards. Ensure that you comply with all applicable rules.
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Electrical Safety

To reduce the risk of electric shock or fire:

- Do not try to service, repair, or modify the Glowforge Ethernet Adapter in a manner not described in this manual.
- Do not open any sealed portion of the Glowforge Ethernet Adapter or try to access the wiring. Damage caused by opening the case is not covered by the warranty.
- If the Glowforge Ethernet Adapter, its power adapter or power cord is damaged, unplug the power adapter and contact support@glowforge.com immediately.
- In the event of any emergency or malfunction, unplug the power cord from the wall.
- Use only a properly grounded 110/240 VAC outlet that meets local building codes.
- The Glowforge Ethernet Adapter may draw up to 0.25 amps. Ensure that the circuit can support at least this load. Note: a standard household outlet can support both a Glowforge Printer printer and a Glowforge Ethernet Adapter if nothing else is drawing power from the circuit.

General Safety

- Do not open or modify a Glowforge Ethernet Adapter for any reason.

Operating Environment

To prolong the life of your Glowforge Ethernet Adapter and to reduce the risk of fire or mechanical failure:

- Do not use if the ambient temperature is below 40° degrees Fahrenheit (5° Celsius) or over 80° degrees Fahrenheit (27° Celsius).
- Do not use if the ambient air is below 20% humidity or above 80% humidity. Air above 80%.
- Do not use the Glowforge Ethernet Adapter outdoors.
- Do not use the Glowforge Ethernet Adapter in an environment where it may

come into contact with liquids, moisture, grease, or excessive dust or small particles.

Materials Safety

- Use your Glowforge Ethernet Adapter only when printing on material that is laser compatible. Only the manufacturer or supplier of material can confirm that it is laser compatible. Glowforge recommends the use of Proofgrade® materials with the Glowforge Ethernet Adapter.
- Non-laser compatible materials may contain harmful or toxic chemicals that are not treated by the Glowforge Ethernet Adapter and could cause injury or death.
- Non-laser compatible materials may cause damage to your Glowforge Ethernet Adapter.

Glowforge Ethernet Adapter Regulatory Information

This product conforms to

FCC Part 15 C - §15.247

It is suitable for use with compatible Glowforge Laser printers.

FCC ID: 2A83C-ND7B0

Note:

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Specifications

The Glowforge Ethernet Adapter has the following specifications:

Glowforge Ethernet Adapter	
Input Voltage	DC 5V
Maximum Current	1.0 Amp
Dimensions of Main Unit	19 mm H x 79 mm W x 54 mm D 0.75" x 3.11" x 2.13"
Weight	42 g / 1.5 oz

The Glowforge Ethernet Adapter power supply has the following specifications:

Glowforge Ethernet Adapter Power Supply	
Input Voltage	AC110V / 240V
Maximum Current	0.25 Amp
Dimensions of Power Supply	58 mm H x 35 mm W x 22 mm D 2.28" x 1.38" x 0.87"
Weight	29 g / 1 oz

Manufacture

The Glowforge Ethernet Adapter is manufactured in China and imported by:

Glowforge, Inc.

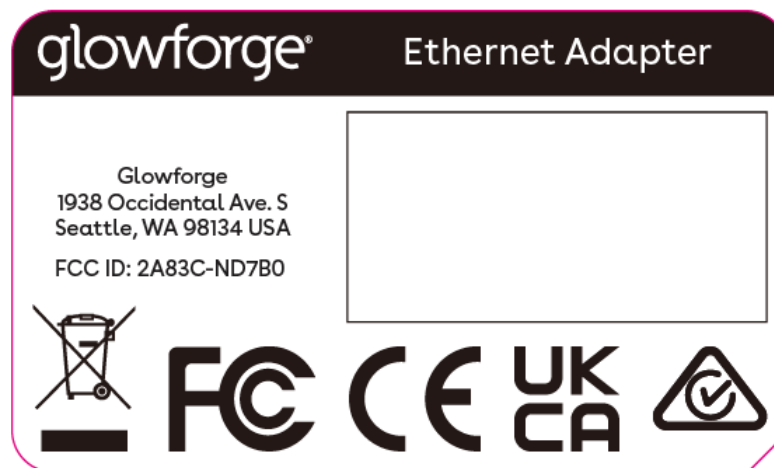
1938 Occidental Ave S, Suite C

Seattle, WA 98134

For more information or support, contact support@glowforge.com

Labeling

This label appears on the bottom of every Glowforge Ethernet Adapter, with an appropriate serial number, on the bottom of the Ethernet Adapter.



Let's Get Started

Now that you've read all about safety, you're ready to get lasering! Unboxing will take just a few minutes. If you encounter any challenges, you can get help in our [Help & Learning Center](#).

Let's get started!

Any Damage?

Once you've broken the seal on your Glowforge Ethernet Adapter's box, you can't return it to the retail store. We're here to help, though!

If any part of your Glowforge Ethernet Adapter comes out of the box visibly damaged, we want to make it right! Send photos of the damage to support@glowforge.com and wait until you hear back from us. If the Glowforge Ethernet Adapter is visibly damaged, do not plug it in or attempt to operate it; contact us immediately.

Unboxing & Setting Up

Preparing the area

For optimal performance, place the Glowforge Laser Printer within 1 m (39") of your Ethernet Router or a wired Ethernet port.

Setup your Glowforge Ethernet Adapter

Affix the Glowforge Ethernet Adapter to the rear of the Glowforge Printer with the included double sided tape.

Using the included Ethernet cable, connect the cable to the Ethernet port on your router or wired Ethernet port and the other end to the 'LAN' port on the Glowforge Ethernet adapter.

Plug the included power supply into an electrical socket that supports 110-240 VAC.

Plug the included power cable into the Power Adapter and the other end into the power port on the Glowforge Ethernet Adapter.

Setup Your Printer

Follow the instructions for your Laser Printer setup at glowforge.com/setup

When prompted for the connection type, select 'Ethernet'.

Type in the serial number of the printer.

Hold down the 'CONNECT' button on the Glowforge Ethernet Adapter for 3 seconds.

The printer will automatically pair with the Glowforge Ethernet Adapter.

Service

Other than the procedures shown above, the Glowforge Ethernet Adapter may not be serviced or repaired by the user. Should service or repair be required, it must be returned to the factory; contact us through our Help & Learning Center at support.glowforge.com for instructions.

Finding Community & Support

Having trouble? Want to do something new? We'll do our best to help you succeed!

Support Online

Go to our Help & Learning Center at support.glowforge.com to find guidance any time of day or night. The [Learn](#) area includes tutorials to get you started with your Glowforge Printer and Ethernet Adapter, and our [Solve](#) area has troubleshooters and technical how-tos in case something doesn't go according to plan. You can also connect with our support team live in chat or [send us a message](#) if you can't find exactly what you need.

Community Chat

Glowforge Community Chat is our newest community feature that lets Glowforge Owners connect with each other in real-time lively discussion.

Community Chat is powered by Discord and only Glowforge Owners can participate. You can see the Community Chat each time you run a print. And from there, you can choose to join the rest of the community on Discord to interact.

If you do choose to join, you will have access to many more discussion topics to ask questions, get help, or share your stories, experiences and creations!

Community Forum

Most Glowforge owners have registered at the Glowforge Community Forum, where hundreds of Glowforge owners post each day. You'll find some incredibly talented (and helpful) folks who can provide assistance, suggestions, and ideas.

The [Made on a Glowforge](#) section is a great place to go for inspiration. You can also get help with many common questions from helpful community members in the [Community Support](#) section.

Support by Phone and Email

We are here for you! Our support team is available by phone at +1 (855) 338-2122 or contact us through our Help & Learning Center at support.glowforge.com with your questions, challenges, feedback, and even your stories of perfect prints. Our goal is to reply within hours on weekdays, and always within three days.

We provide the best support when we fully understand what you're facing.

Please send:

- A description of the steps you took, what happened and what you expected
- The date and time of the issue
- The name of your file, if there was a file involved
- The name of your Internet browser and Operating System
- A screenshot or photo of what happened