

How to Fix Logitech MX3 Mouse Not Charging When Plugged In Issue

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Quick answer

To fix a Logitech MX3 mouse that won't charge, start by checking the USB connection, trying a different port or cable, and restarting your computer.

If you're experiencing issues with your Logitech MX3 mouse not charging when plugged in, you're not alone. This problem can be frustrating, especially when you rely on your mouse for work or leisure activities. In this comprehensive guide, we'll walk you through various troubleshooting steps to help you get your mouse charging again.

The Problem

Before we dive into the solutions, it's important to understand why your Logitech MX3 mouse might not be charging. There could be several reasons:

1. Faulty USB cable or port
2. Dirty or damaged charging contacts
3. Software issues
4. Battery problems
5. Hardware malfunctions

Now, let's explore each of these potential causes and their solutions.

Quick Fixes to Try First

Before we get into more complex solutions, let's start with some simple troubleshooting steps:

1. Check the USB Connection

First, make sure the USB cable is properly connected to both your mouse and your computer. Try unplugging and replugging the cable. If you're using a USB hub, try connecting the mouse directly to your computer instead.

2. Try a Different USB Port

Sometimes, the issue might be with the USB port rather than the mouse itself. Try plugging your mouse into a different USB port on your computer.

3. Use a Different USB Cable

If you have another USB cable that fits your mouse, try using it instead. Sometimes, cables can become damaged or worn out over time.

4. Restart Your Computer

A simple restart can sometimes resolve charging issues by clearing any temporary glitches in your system.

Cleaning the Charging Contacts

If the quick fixes didn't work, the next step is to clean the charging contacts on both your mouse and the USB cable.

What You'll Need:

- Isopropyl alcohol (70% or higher)
- Cotton swabs or a soft, lint-free cloth
- Toothpick (optional)

Steps:

1. Unplug your mouse from the computer.
2. Dip a cotton swab or cloth in isopropyl alcohol. Make sure it's damp, not soaking wet.
3. Gently clean the charging port on your mouse and the metal contacts on the USB cable.
4. If you see any debris in the charging port, carefully remove it with a toothpick.
5. Allow the contacts to dry completely before reconnecting your mouse.

Updating Software and Drivers

Outdated software or drivers can sometimes cause charging issues. Here's how to update them:

1. Update Logitech Options Software

1. Open the Logitech Options software on your computer.
2. Click on "More" or "About" (depending on your version).
3. If an update is available, follow the prompts to install it.

2. Update USB Drivers

1. Right-click on the Start button and select "Device Manager."
2. Expand the "Universal Serial Bus controllers" section.
3. Right-click on each USB controller and select "Update driver."
4. Choose "Search automatically for updated driver software."

Resetting the Mouse

If cleaning and updating didn't solve the problem, try resetting your mouse:

1. Unplug the mouse from your computer.
2. Turn off the mouse using the switch on its bottom.
3. Wait for about 5 seconds.
4. Turn the mouse back on.
5. Reconnect it to your computer.

Checking Battery Health

If your mouse is relatively old, its battery might be deteriorating. Unfortunately, the MX3's battery isn't easily replaceable. However, you can check its health:

1. Open Logitech Options software.
 2. Look for the battery status of your mouse.
 3. If it shows a very low percentage even after charging, the battery might be failing.
- In this case, you might need to consider contacting Logitech support or purchasing a new mouse.

Advanced Troubleshooting

If none of the above solutions worked, you might need to try some more advanced troubleshooting methods. However, be aware that these steps might void your warranty if it's still valid.

Checking for Loose Connections

Sometimes, internal connections can come loose. This is a bit technical, so only attempt it if you're comfortable working with small electronics:

1. Carefully open the mouse casing (you might need to look up a disassembly guide for your specific model).
2. Check for any visibly loose connections, especially around the charging port.
3. If you find any, gently reseat them.
4. Reassemble the mouse and try charging again.

Testing with a Different Power Source

To rule out issues with your computer's USB ports, try charging your mouse using a wall adapter:

1. Use a USB wall adapter (like those used for smartphones).
2. Plug your mouse into this adapter.
3. If it charges now, the problem might be with your computer's USB ports.

When to Seek Professional Help

If you've tried all these steps and your Logitech MX3 mouse still won't charge, it might be time to contact Logitech support or consider professional repair. Here are some signs that indicate you might need professional help:

- The mouse shows no signs of life when plugged in (no lights, no cursor movement)
- You hear unusual noises coming from the mouse when trying to charge it
- There's visible damage to the charging port or cable
- The mouse works fine when plugged in but doesn't hold a charge

Preventing Future Charging Issues

To help prevent charging problems in the future, consider these tips:

1. Keep your mouse and charging cable clean.
2. Avoid exposing your mouse to extreme temperatures or humidity.
3. Don't overcharge your mouse - unplug it once it's fully charged.
4. Use only the original charging cable or high-quality replacements.
5. Keep your software and drivers up to date.

Conclusion

Dealing with a mouse that won't charge can be frustrating, but hopefully, this guide has helped you resolve the issue. Remember, technology sometimes acts up, and it's not always your fault. If you've tried these steps and still can't get your Logitech MX3 mouse to charge, don't hesitate to reach out to Logitech support. They're there to help and might have additional troubleshooting steps or warranty options available.

Remember, taking care of your devices can go a long way in preventing issues like this. Regular cleaning, careful handling, and staying up-to-date with software can help ensure your mouse serves you well for years to come.

Lastly, if you find that your mouse is beyond repair or if repairing it would cost almost as much as a new one, it might be time to consider an upgrade. Technology is always advancing, and newer models might offer improved features and reliability.