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ASUS USB-BT540

ASUS USB-BT540 Bluetooth 5.4 Adapter User Manual

Model: USB-BT540 | Brand: ASUS

1. INTRODUCTION

The ASUS USB-BT540 is an ultra-compact USB Bluetooth 5.4 adapter designed to provide advanced wireless connectivity for your computer. It supports Bluetooth Low Energy (BLE) for power-efficient connections and allows simultaneous connection of up to seven Bluetooth devices. This manual provides essential instructions for the proper installation, operation, and maintenance of your adapter, ensuring optimal performance and compatibility with Windows 8.1, Windows 10, and Windows 11 operating systems.

Upgraded Advanced Bluetooth 5.4 Enjoy the exceptional audio brought to you by LE Audio.



	Audio Compression *48 kHz sample rate	Audio Quality Rating
SBC	1.5 Mbps* > 345 Kbps	4.15 / 5
LC3	1.5 Mbps* > 192 Kbps	4.69 / 5

Image 1: The ASUS USB-BT540 Bluetooth 5.4 Adapter, a compact device for wireless connectivity.

2. SETUP

Follow these steps to install your ASUS USB-BT540 adapter:

- System Requirements:** Ensure your computer is running Windows 8.1, Windows 10, or Windows 11. The adapter is also compatible with Linux.
- Insert the Adapter:** Gently insert the ASUS USB-BT540 adapter into an available USB Type-A port on your computer.
- Driver Installation:**
 - For most Windows 10 and 11 systems, the necessary drivers will install automatically upon insertion.
 - If drivers do not install automatically, visit the official ASUS support website for the USB-BT540 model to download and install the latest drivers. A direct link can often be found by searching for "ASUS USB-BT540 drivers".

4. **Verification:** After installation, open your computer's Device Manager (search for "Device Manager" in Windows) to confirm the Bluetooth adapter is recognized and functioning correctly under the "Bluetooth" category.

3. OPERATING INSTRUCTIONS

Once installed, you can begin using your ASUS USB-BT540 adapter to connect Bluetooth devices.

**Reaching farther and faster
Enjoy faster and wider connectivity
with Bluetooth 5.4.**

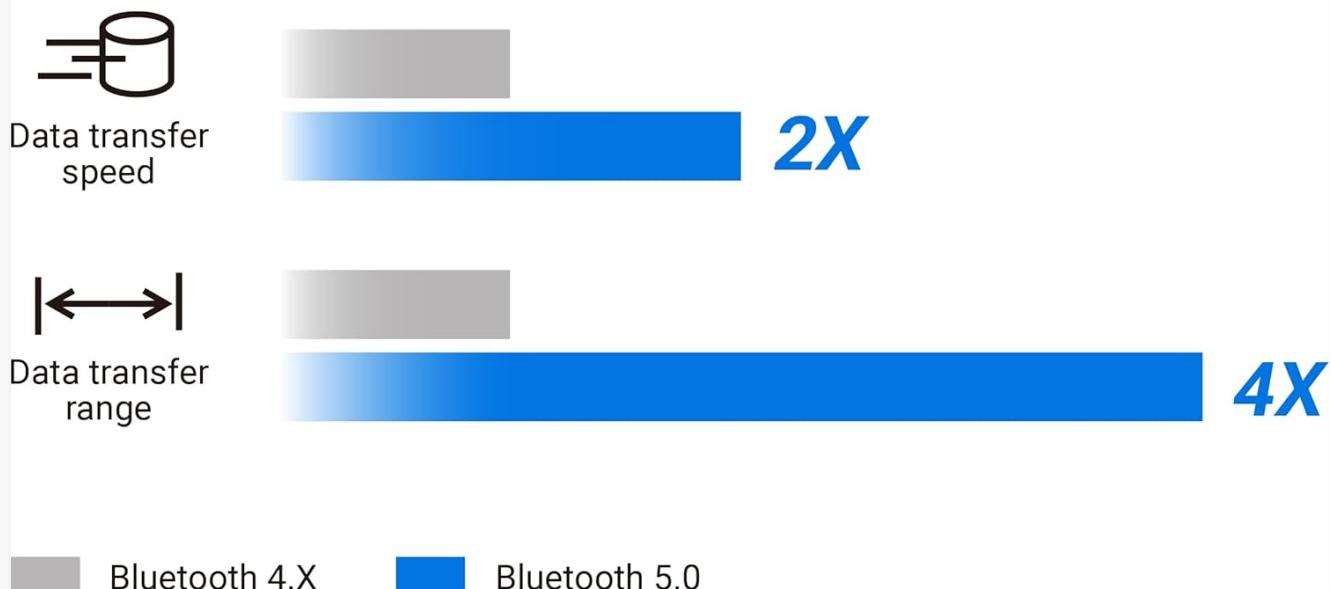


Image 2: The ASUS USB-BT540 adapter connected to a laptop, enabling wireless audio with headphones.

3.1 Enabling Bluetooth

- On Windows, navigate to *Settings > Bluetooth & devices* (or *Devices > Bluetooth & other devices* on older versions).
- Ensure the Bluetooth toggle is set to **On**.

3.2 Pairing a New Device

1. Put your Bluetooth device (e.g., headphones, mouse, keyboard, gamepad) into pairing mode. Refer to your device's instruction manual for specific instructions on how to activate pairing mode.
2. On your computer, in the Bluetooth settings, click **Add device** or **Add Bluetooth or other device**.
3. Select **Bluetooth** from the options presented.
4. Your computer will scan for nearby Bluetooth devices. Select your device from the list when its name appears.
5. Follow any on-screen prompts to complete the pairing process, such as entering a PIN if required by the device.

3.3 Connecting Multiple Devices

The ASUS USB-BT540 adapter supports connecting up to seven Bluetooth devices simultaneously. Follow the pairing steps outlined above for each device you wish to connect. Note that performance may vary depending on the number and type of connected devices and environmental factors.

Multiple devices at your command

Connect up to seven devices to make your entertainment and work more convenient.



Image 3: The adapter enables multi-device connectivity, supporting up to seven Bluetooth devices simultaneously.

3.4 Data Transfer

Once paired, you can transfer files between your computer and compatible Bluetooth devices. Utilize your operating system's built-in Bluetooth file transfer utility for this function.

4. MAINTENANCE

To ensure the longevity and optimal performance of your ASUS USB-BT540 adapter, consider the following maintenance tips:

- **Keep Drivers Updated:** Regularly check the official ASUS support website for updated drivers. Installing the latest drivers can improve compatibility, performance, and security.
- **Physical Care:** Keep the adapter clean and free from dust and debris. Avoid exposing it to extreme temperatures, direct sunlight, or moisture, as these can damage the internal components.
- **Safe Handling:** While the adapter is designed for plug-and-play convenience, it is good practice to handle it gently. When removing it from a USB port, pull it straight out rather than wiggling it, to prevent damage to the port or the adapter.

5. TROUBLESHOOTING

If you encounter issues with your ASUS USB-BT540 adapter, refer to the following common problems and solutions:

- **Problem: Device Not Detected**

- **Solution:** Ensure the adapter is fully inserted into a functional USB port. Try a different USB port. Restart your computer. Verify that drivers are installed correctly in Device Manager; reinstall drivers if necessary.

- **Problem: Cannot Pair Bluetooth Device**

- **Solution:** Ensure your Bluetooth device is in pairing mode and within range (typically within 10 meters). Turn off and then turn on your computer's Bluetooth. Remove any previously paired instances of the device from your computer's Bluetooth settings and attempt pairing again. Ensure no other Bluetooth adapters are active on your system that might cause conflicts.

- **Problem: Intermittent Connection or Poor Performance**

- **Solution:** Reduce the distance between the adapter and the Bluetooth device. Minimize obstructions (such as walls, metal objects, or other electronics) between the adapter and the device. Avoid interference from other wireless devices (e.g., Wi-Fi routers, cordless phones) operating on the 2.4 GHz band. Update your adapter drivers to the latest version.

- **Problem: Bluetooth Option Missing in Windows**

- **Solution:** Check Device Manager for any errors or disabled states related to the Bluetooth adapter. Ensure that Bluetooth Support Service is running in Windows Services (search for "Services" in Windows, then find "Bluetooth Support Service" and ensure its Startup type is "Automatic" and it is running). Reinstall the adapter drivers.

6. SPECIFICATIONS

Technical details for the ASUS USB-BT540 Bluetooth 5.4 Adapter:

Ultra small for plug-and-play applications



Image 4: The ultra-compact design of the ASUS USB-BT540 adapter, showing its small dimensions.

Feature	Detail
Model Number	USB-BT540 (90IG09N0-MO0B00)
Bluetooth Version	5.4 (with Bluetooth Low Energy)
Interface	USB 2.0 Type-A
Operating System Compatibility	Windows 8.1, Windows 10, Windows 11, Linux
Data Transfer Rate	Up to 3 Mbps
Dimensions (L x W x H)	17 mm x 14 mm x 7 mm
Weight	19 Grams
Maximum Connected Devices	Up to 7
Color	Black
Manufacturer	ASUS

Feature	Detail
Country of Origin	China

7. WARRANTY INFORMATION

The ASUS USB-BT540 adapter comes with a three-year warranty against manufacturing defects. This warranty covers defects in materials and workmanship under normal use. For detailed terms and conditions, to register your product, or to initiate a warranty claim, please refer to the official ASUS warranty policy available on their support website. Proof of purchase may be required.

8. SUPPORT

For further assistance, technical support, or to download the latest drivers and firmware for your ASUS USB-BT540 adapter, please visit the official ASUS support website:

www.asus.com/support/

You can find product-specific information by searching for "ASUS USB-BT540 support" on the website. The support portal offers FAQs, driver downloads, and contact information for customer service.

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