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> TP-Link UB500 Plus USB Bluetooth 5.3 Adapter User Manual

TP-Link UB500 Plus

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1. INTRODUCTION

The TP-Link UB500 Plus USB Bluetooth Adapter equips your computer with Bluetooth 5.3 capabilities, allowing you to connect various Bluetooth devices. This adapter provides a strong and stable wireless connection, minimizing disconnections and interference. Its multi-directional antenna can be adjusted to optimize performance in different environments.



Image 1.1: The TP-Link UB500 Plus adapter connected to a laptop, highlighting its Bluetooth 5.3 capability.





Image 1.2: The TP-Link UB500 Plus USB Bluetooth Adapter.

2. SETUP

Follow these steps to install and set up your TP-Link UB500 Plus USB Bluetooth Adapter.

1. **Insert the Adapter:** Plug the UB500 Plus into an available USB port on your desktop or laptop computer.



Image 2.1: Plugging the UB500 Plus adapter into a USB port.

2. Driver Installation:

- **Windows 8.1, 10, and 11:** The adapter is typically plug-and-play. Ensure your computer is connected to the internet, and the operating system should automatically install the necessary drivers.
- **Windows 7:** A driver is required. You can download the driver from the official TP-Link website. Visit [tp-link.com/en/support/download/ub500-plus](https://www.tp-link.com/en/support/download/ub500-plus) for the latest driver.

Supports Win 7,
Win 8.1, Win 10
and Win 11



Win 7



Win 8.1



Win 10



Win 11

Image 2.2: Supported Windows operating systems.

3. **Adjust the Antenna:** Rotate and adjust the multi-directional antenna to an optimal position for improved signal reception and performance.

High-Performance Antenna for Powerful Signal



Image 2.3: Antenna adjustment for optimal signal.

3. OPERATING INSTRUCTIONS

Once the adapter is installed, you can connect your Bluetooth devices to your computer.

- **Pairing Devices:** Enable Bluetooth on your computer (if not already enabled) and on the device you wish to connect. Search for new Bluetooth devices on your computer and select your device from the list to pair.
- **Enhanced Performance:** The UB500 Plus utilizes Bluetooth 5.3 with Enhanced Data Rate (EDR) and Bluetooth Low Energy (BLE) technologies, offering faster speeds and broader coverage compared to older Bluetooth versions.

Bluetooth 5.3: Faster Speeds, More Robust

2×

Faster Speeds

4×

Broader Coverage

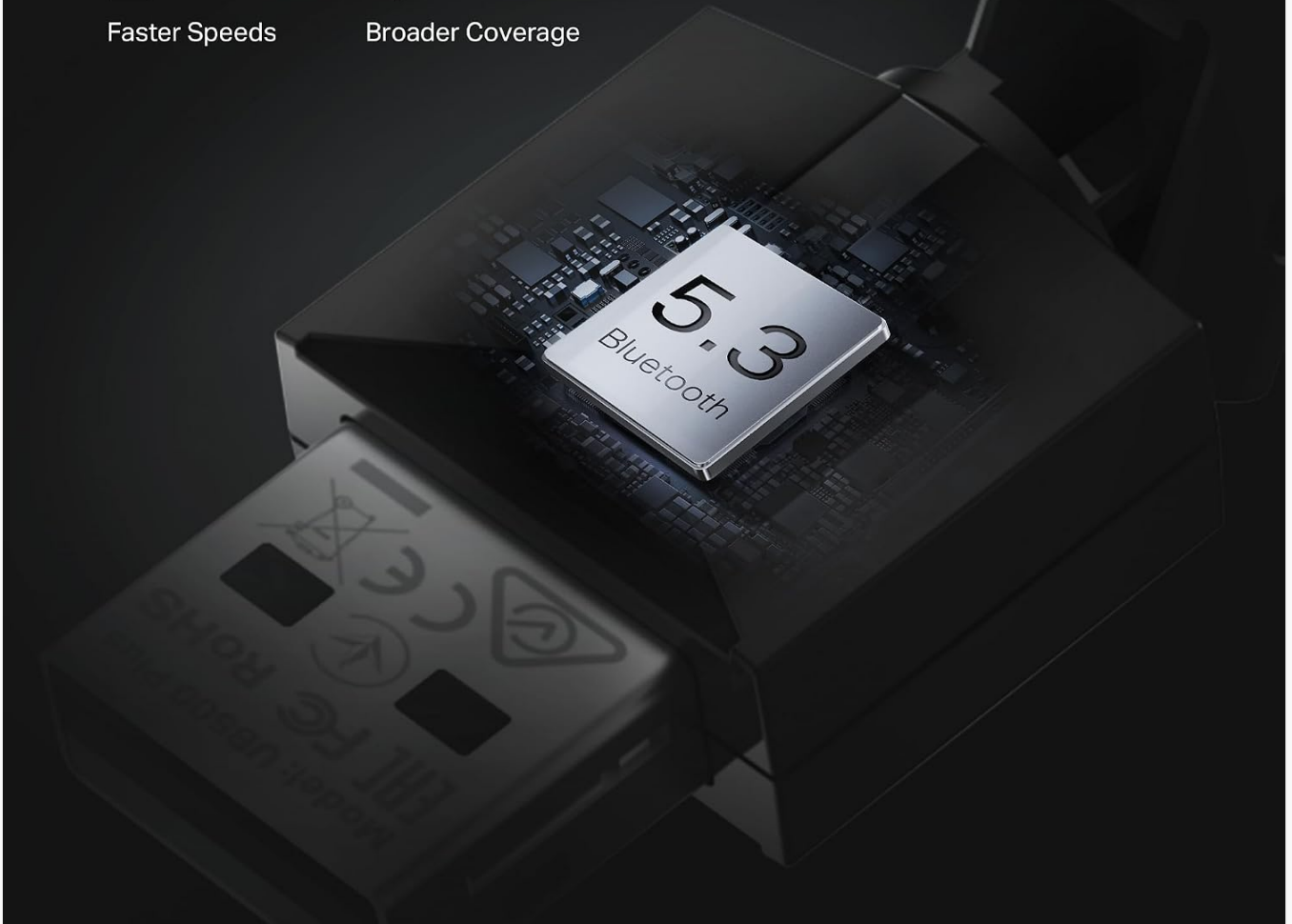


Image 3.1: Bluetooth 5.3 technology benefits.

- **Multiple Device Connectivity:** The adapter supports connecting up to 7 Bluetooth devices simultaneously, allowing for versatile use with headphones, keyboards, mice, game controllers (PS5/PS4/Xbox), and more.

Effortless Bluetooth Connectivity for Your Computer

Up to **7**
Bluetooth Devices

2×
Transmission Speeds

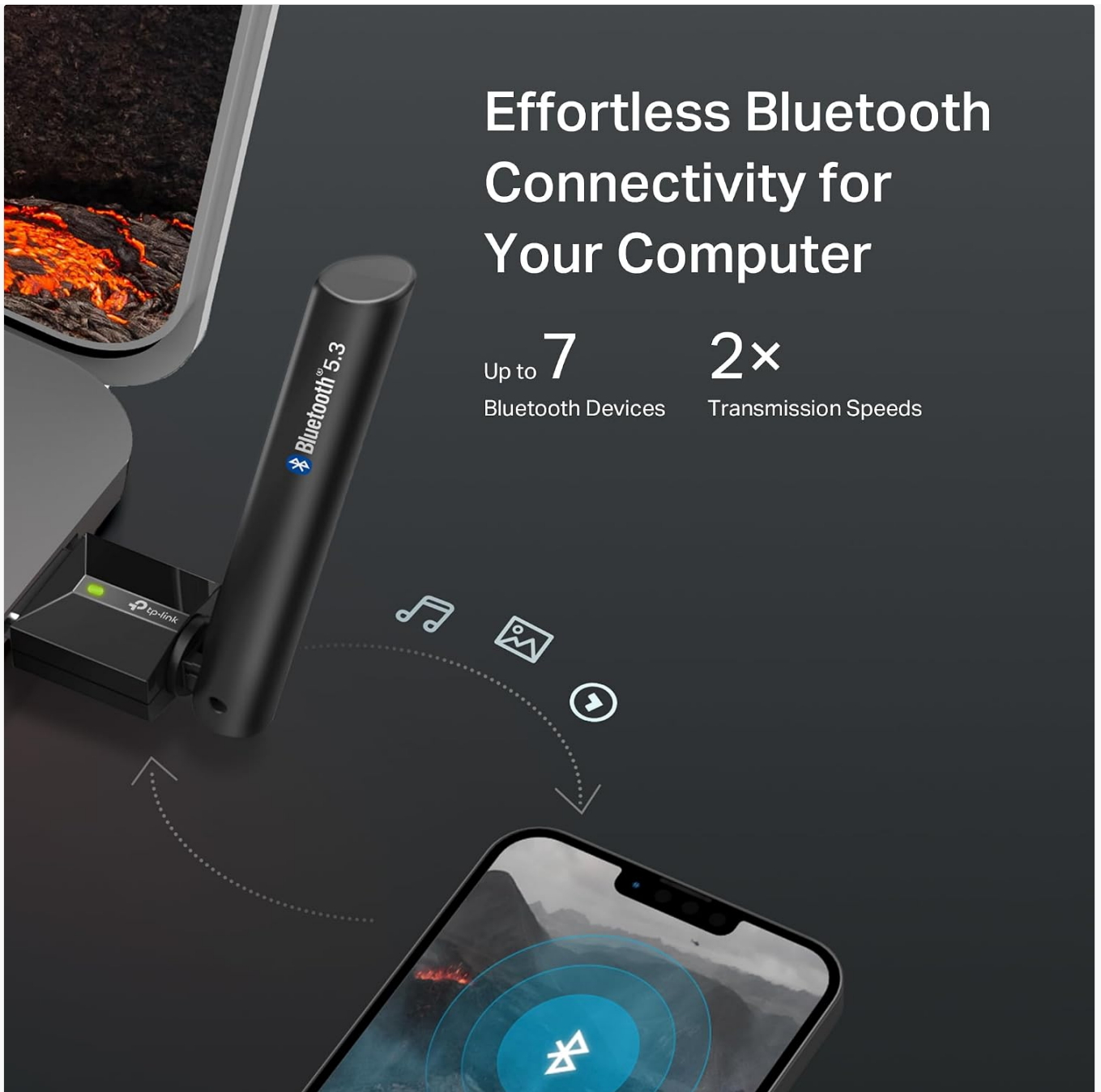


Image 3.2: Effortless Bluetooth connectivity for your computer.

- **Extended Range:** Benefit from greater coverage and stability, enabling you to use your Bluetooth devices across a wider area without losing connection.

Greater Coverage and Stability



Image 3.3: Illustration of greater coverage and stability.

- **Versatile Applications:** Use the adapter for smooth gaming with wireless controllers, enhanced productivity with Bluetooth peripherals, and efficient data transfer between devices.

Seamless Connectivity, Unlimited Possibilities

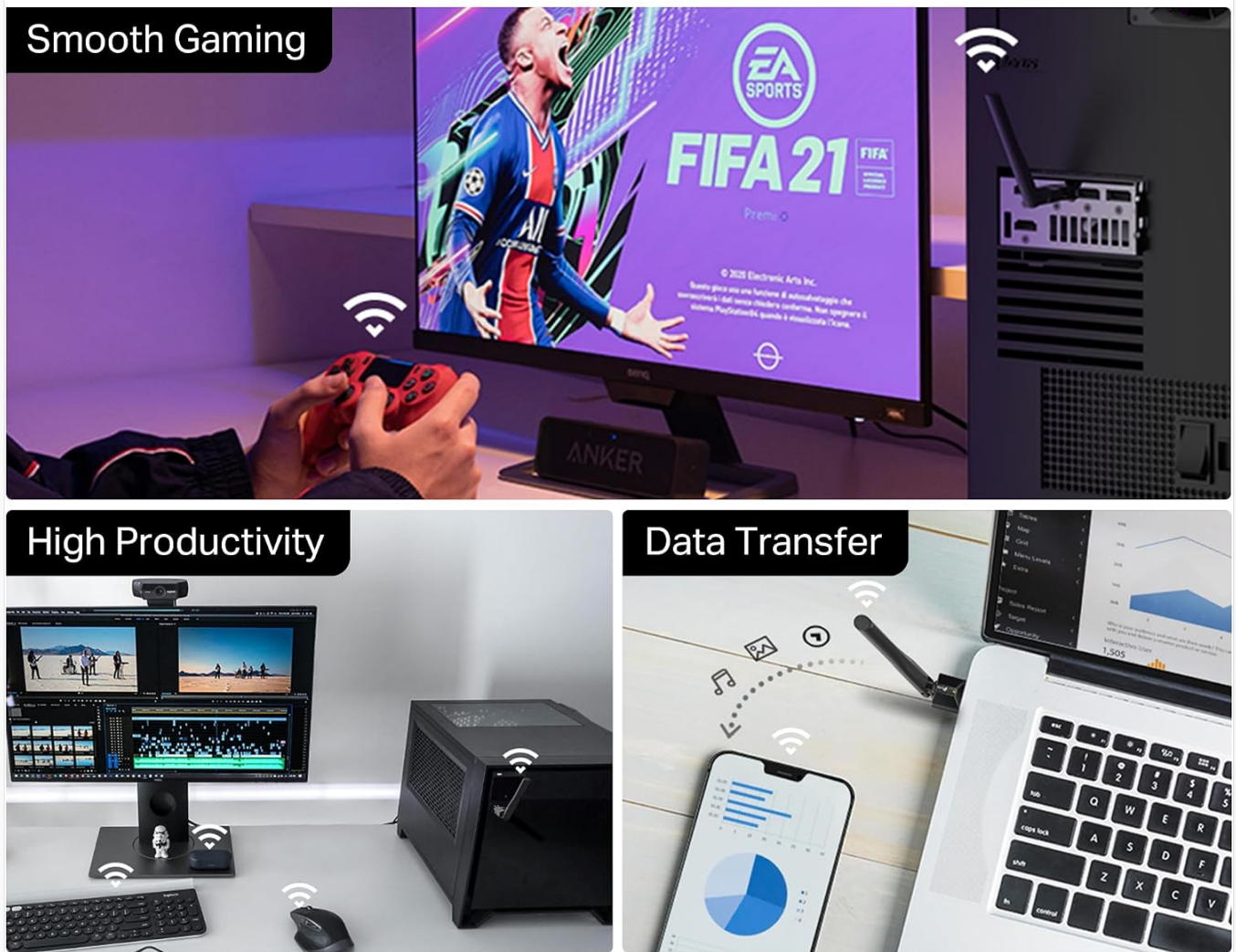


Image 3.4: Seamless connectivity for various applications.

4. MAINTENANCE

To ensure the longevity and optimal performance of your TP-Link UB500 Plus adapter, consider the following:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Do not attempt to disassemble or repair the device yourself. Refer to professional support if issues arise.
- Ensure the antenna is not obstructed by other objects for best signal quality.

5. TROUBLESHOOTING

If you encounter issues with your UB500 Plus adapter, refer to the following common solutions:

- **No Bluetooth Functionality (Windows 7):** Ensure you have installed the correct driver from the TP-Link website. Restart your computer after installation.
- **Conflict with Onboard Bluetooth:** If your computer has integrated Bluetooth, it may conflict with the UB500 Plus. Try disabling the integrated Bluetooth in your computer's Device Manager or BIOS settings.

- **Connection Dropouts or Weak Signal:**
 - Adjust the adapter's multi-directional antenna to a different angle.
 - Ensure the adapter is not obstructed by metal objects or other electronic devices that may cause interference.
 - Move closer to the adapter if you are at the edge of its operating range.
- **Device Not Pairing:**
 - Ensure the Bluetooth device is in pairing mode.
 - Check that the adapter is properly inserted into the USB port.
 - Restart both your computer and the Bluetooth device.
- **Driver Installation Issues (Windows 10/11):** If plug-and-play fails, ensure your internet connection is active. Temporarily disable any firewall or antivirus software that might interfere with driver installation, then try again. Run the driver setup as an administrator if installing manually.

6. SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Number	UB500 Plus
Hardware Interface	Bluetooth, USB
Data Link Protocol	Bluetooth 5.3, USB
Compatible Devices	Desktop, Laptop, PS5/PS4/Xbox Controllers
Operating System Support	Windows 11/10/8.1/7
Color	Black
Item Weight	0.32 ounces (0.02 Pounds)
Product Dimensions (LxWxH)	3.19 x 1.65 x 0.66 inches
UPC	810142823098

7. WARRANTY INFORMATION

TP-Link products typically come with a limited warranty. For detailed warranty terms and conditions specific to your region and product, please visit the official TP-Link website or refer to the warranty card included with your purchase.

8. SUPPORT

For further assistance or technical support, please contact TP-Link using the following methods:

- **Phone:** (866) 225-8139
- **Product Support Page:** myproducts.tp-link.com/us
- **Email:** support.USA@tp-link.com

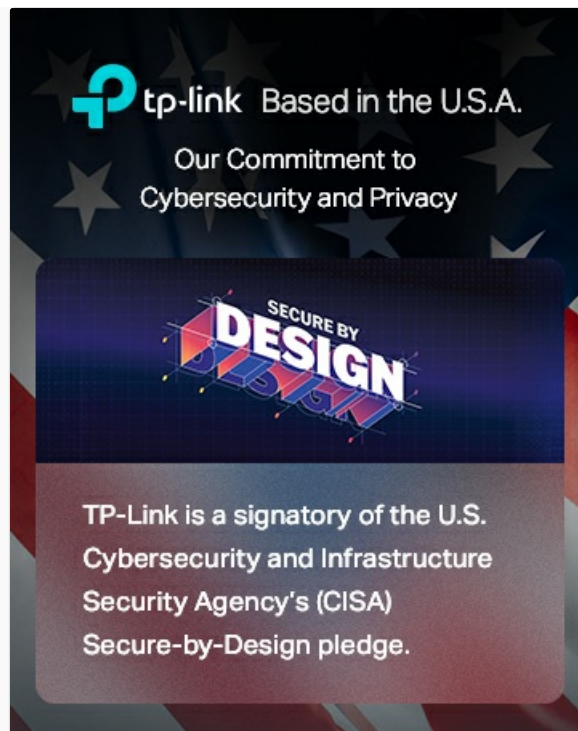


Image 8.1: TP-Link support contact information.

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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