ErGear EGKB05B-US

ErGear Keyboard Tray Under Desk Instruction Manual

Model: EGKB05B-US

Introduction   **Features**   **Installation**   **Operation**   **Maintenance**   **Troubleshooting**   **Specifications**
Warranty &
Support

1. INTRODUCTION

Thank you for choosing the ErGear Keyboard Tray Under Desk. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new keyboard tray. Designed for ergonomic comfort and space-saving efficiency, this adjustable tray enhances your typing experience in home office or gaming environments.

The ErGear Keyboard Tray offers significant flexibility with its height adjustment, swivel, and tilt capabilities, allowing you to customize your setup for optimal posture and comfort. Its robust construction ensures stability and durability for long-term use.

Figure 1.1: ErGear Keyboard Tray with a keyboard and mouse, shown extended from under a desk.

2. KEY FEATURES

- **Ergonomic Adjustability:** Features 6.3 inches of height adjustment, a 180° swivel range, and a tilt range of +6° to -22° for personalized comfort and posture.

Flexible Adjustment
Customize height & angle for comfort

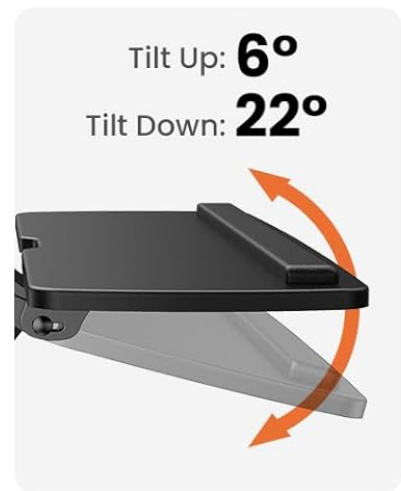| 6.3" | 180° | Tilt Up: 6° |
| Height Adjustable | Swivel Left & Right | Tilt Down: 22° |

Figure 2.1: Visual representation of the keyboard tray's flexible adjustment capabilities, including height, swivel, and tilt.

- **Spacious Platform:** A large 24.99 inches (W) x 9.84 inches (D) platform provides ample space for both your keyboard and mouse, helping to declutter your main desktop.

- **Sturdy and Stable Construction:** Made from a one-piece tray and durable steel, supporting up to 11 lbs (5 kg) for secure and stable typing.

Stong & Stable

Figure 2.2: Illustration highlighting the robust one-piece design of the ErGear tray compared to multi-piece alternatives, demonstrating its stability under load.

- **Smooth Sliding Mechanism:** Equipped with 4 rollers for effortless sliding in and out from under your desk, ensuring convenient storage and access.

Smooth Sliding

4 rollers for easier movement

Figure 2.3: Detail of the smooth-gliding roller system that facilitates easy movement of the keyboard tray.

- **Integrated Wrist Rest:** Features a built-in wrist rest to improve wrist comfort during extended typing sessions and prevent the keyboard from slipping forward.

- **Space Optimization:** Frees up valuable desktop space, allowing for a more organized and efficient work area.
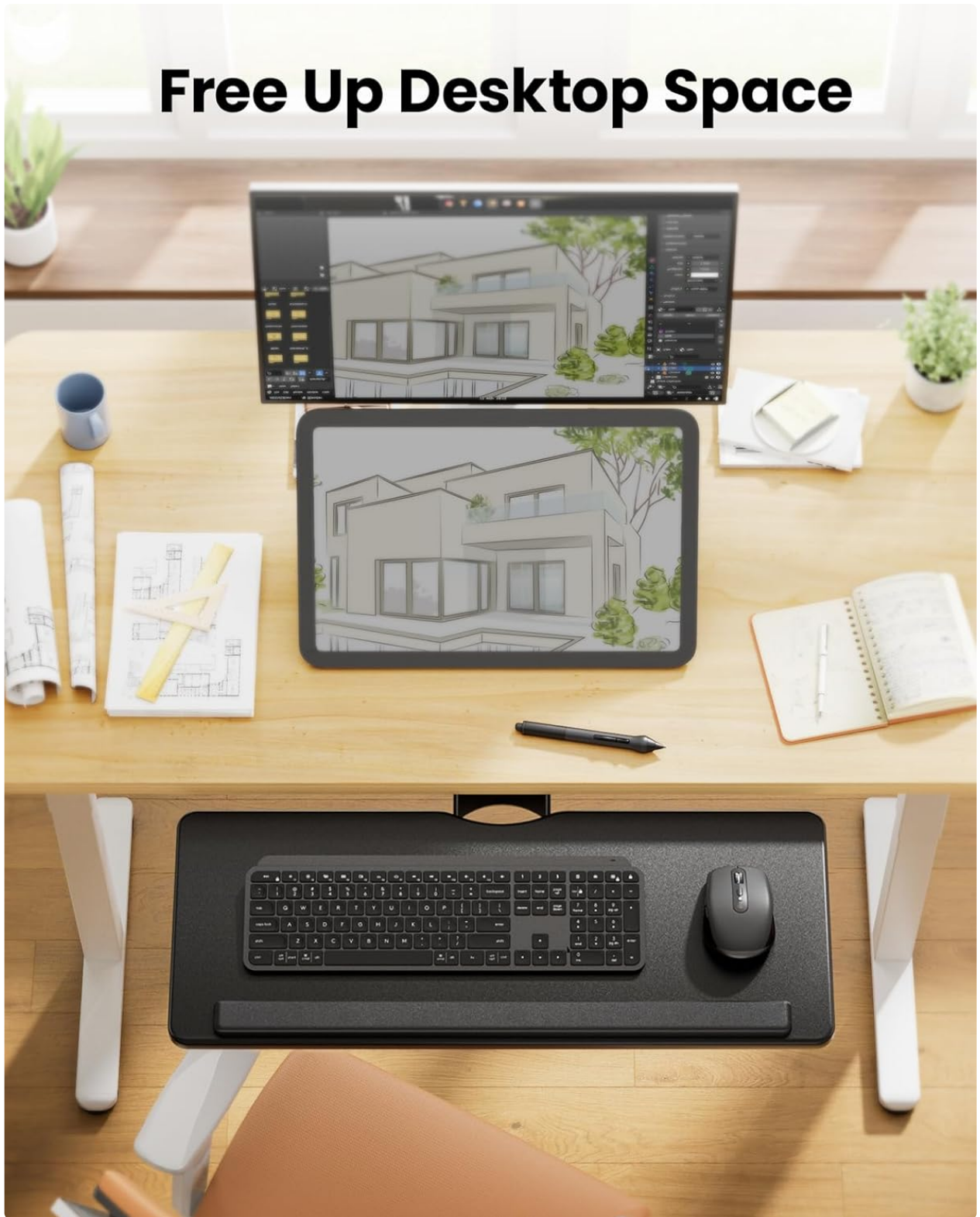
Figure 2.4: Depiction of how the under-desk keyboard tray helps to free up the main desktop for other items.

3. INSTALLATION GUIDE

3.1. Before You Begin

Ensure you have all components and tools required for installation. It is recommended to have a drill for pilot holes. For optimal installation, consider turning your desk upside down if possible.

Desk Compatibility Requirements:

- Minimum Desk Depth: **≥ 15.74 inches (40 cm)**
- Minimum Desk Width: **≥ 38.5 inches (97.8 cm)**

- Minimum Desk Thickness: **≥ 0.6 inches (1.5 cm)**

Figure 3.1: Important desk measurements to ensure compatibility and proper installation of the keyboard tray.

3.2. Step-by-Step Installation

1. **Position the Mounting Bracket:** Place the mounting bracket assembly (the part that attaches to the desk) in the desired location under your desk. Ensure it is centered and allows for full extension and retraction of the tray.

2. **Mark Pilot Holes:** Using a pencil, mark the locations for the screws through the pre-drilled holes on the mounting bracket.

3. **Drill Pilot Holes:** Carefully drill pilot holes at the marked locations. Use a drill bit appropriate for your desk

material and slightly smaller than the screw diameter to prevent splitting.

4. **Secure the Mounting Bracket:** Align the mounting bracket with the pilot holes and secure it firmly to the underside of your desk using the provided screws. Ensure all screws are tightened securely.

5. **Attach the Keyboard Tray:** Slide the keyboard tray onto the rails of the mounted bracket. It should click into place or be secured with additional screws/fasteners as per the included hardware instructions.

6. **Test Functionality:** Once installed, gently pull the tray out and push it back in to ensure smooth operation. Test the swivel, tilt, and height adjustment mechanisms.

4. OPERATION AND ADJUSTMENTS

4.1. Sliding Mechanism

The keyboard tray is designed to slide smoothly in and out from under your desk. Simply pull the tray towards you to use it, and push it away to store it when not in use, freeing up desktop space.

Figure 4.1: Demonstrates the tray's ability to slide out for typing and slide in for convenient storage.

4.2. Height Adjustment

To adjust the height of the keyboard tray, locate the adjustment knob or lever on the mounting arm. Loosen it, set the tray to your desired height (up to 6.3 inches of vertical travel), and then tighten the knob/lever to secure it.

Flexible Adjustment
Customize height & angle for comfort

6.3"
Height Adjustable

180°
Swivel Left & Right

Tilt Up: **6°**
Tilt Down: **22°**

Figure 4.2: Illustration of the keyboard tray's vertical height adjustment capability.

4.3. Swivel Adjustment

The tray can swivel up to 180° (90° left and 90° right) from its central position. This allows you to angle the tray for comfortable typing or to share your screen with others.

Flexible Adjustment
Customize height & angle for comfort

6.3"	180°	Tilt Up: 6°
Height Adjustable	Swivel Left & Right	Tilt Down: 22°

Figure 4.3: Visual guide to the keyboard tray's horizontal swivel function.

4.4. Tilt Adjustment

Adjust the tilt of the tray to find your most comfortable typing angle. The tray supports a tilt range of +6° (upwards) to -22° (downwards). Loosen the tilt mechanism, set the angle, and re-tighten.

Flexible Adjustment

Customize height & angle for comfort

6.3" Height Adjustable

180° Swivel Left & Right

Tilt Up: **6°**
Tilt Down: **22°**

Figure 4.4: Illustration of the keyboard tray's tilt adjustment, allowing for positive and negative angles.

4.5. Wrist Rest

The integrated wrist rest provides support and comfort during prolonged use. Position your wrists on the rest to maintain a neutral wrist posture while typing.

5. MAINTENANCE

- **Cleaning:** Wipe the tray surface and metal components with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.

- **Check Fasteners:** Periodically check all screws and fasteners to ensure they remain tight. Re-tighten if necessary to maintain stability and prevent wobbling.

- **Lubrication:** If the sliding mechanism becomes stiff over time, a small amount of silicone-based lubricant can be applied to the rollers and rails to restore smooth operation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tray wobbles or feels unstable.	Loose mounting screws; uneven installation; excessive weight.	Ensure all mounting screws are securely tightened. Verify the desk surface is flat. Do not exceed the 11 lbs (5 kg) weight capacity.
Tray does not slide smoothly.	Dust or debris on rails; lack of lubrication; damaged rollers.	Clean the rails and rollers. Apply a silicone-based lubricant. Inspect rollers for damage and contact support if necessary.
Difficulty adjusting height, swivel, or tilt.	Adjustment knob/lever too tight; mechanism jammed.	Ensure the adjustment knob/lever is sufficiently loosened before attempting to adjust. Check for any obstructions.

7. SPECIFICATIONS

Attribute	Detail
Brand	ErGear
Model Number	EGKB05B-US
Product Dimensions (Tray)	24.99" W x 9.84" D (63.47 cm W x 24.99 cm D)
Item Weight	10.68 pounds (4.84 kg)
Weight Capacity	11 lbs (5 kg)
Height Adjustment Range	6.3 inches (16 cm)
Swivel Range	180° (90° left / 90° right)
Tilt Range	+6° to -22°
Color	Black
Material	Steel (frame), Composite (tray)

Product Dimensions

lbs

11 lbs

5.9"

14.17"

9.84"

24.99"

Figure 7.1: Detailed product dimensions for the ErGear Keyboard Tray.

8. WARRANTY & SUPPORT

ErGear products are manufactured with quality and durability in mind. For specific warranty information, please refer to the warranty card included with your product or visit the official ErGear website.

If you encounter any issues or have questions regarding your ErGear Keyboard Tray, please contact our customer support team. Our dedicated team is available to assist you with troubleshooting, parts replacement, or any other inquiries.

Contact Information: Please refer to the contact details provided on the product packaging or the official ErGear

website for the most up-to-date support information.