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Ergotron 45-509-224

Ergotron LX Vertical Stacking Dual Monitor Arm User Manual

Model: 45-509-224
Brand: Ergotron

Product Overview

The Ergotron LX Vertical Stacking Dual Monitor Arm is designed to enhance your workspace by providing flexible and ergonomic positioning for two monitors. This VESA desk mount system supports two screens up to 40 inches and 7 to 22 pounds each, offering broad compatibility and robust stability. It allows for easy adjustment of monitor height, tilt, and rotation, helping to reduce eye, neck, and back strain while freeing up valuable desk space.

Key features include:

- Broad compatibility with monitors up to 40 inches and 7 to 22 lbs each, supporting VESA patterns 75x75mm and 100x100mm.
- Includes two LX arms and extensions, a 23-inch pole, and versatile mounting hardware for desk clamp or grommet installation.
- Offers 13 inches of lift, rising 31.7 inches from the desktop, with 360 degrees of rotation and 75 degrees of tilt for optimal viewing.
- Flexible working options to stack screens vertically or position side-by-side, with integrated cable management.
- Built with extensive quality testing and backed by a 10-year warranty for lasting durability.

Package Contents

Before beginning installation, please verify that all components are present and undamaged. The package includes:

- Two (2) LX arms and extensions
- One (1) 23-inch pole
- Heavy-duty two-piece desk clamp (for surfaces 0.63 to 2.6 inches thick)
- Grommet mount plate and hardware (for installation through a desktop hole)
- Two (2) pole collars
- Two (2) caps

- Mounting hardware and tools



Figure 1: Complete package contents.



Figure 2: Assembled monitor arm with two monitors in a stacked configuration.

Setup and Installation

For detailed step-by-step instructions, please refer to the officialInstallation Manual (PDF). Below is a general overview of the installation process.

Mounting Options

The monitor arm offers two primary mounting methods: a heavy-duty desk clamp and a grommet mount. Choose the option that best suits your desk and workspace.

- **Desk Clamp:** Attaches to the edge of your desk. Compatible with surface edges from 0.63 to 2.6 inches (1.5 to 6.6 cm) thick.
- **Grommet Mount:** Installs through an existing hole in your desktop. Suitable for desktop holes with a diameter of 0.3 to 2 inches (0.8 to 5 cm) and desk thickness up to 3 inches (7.6 cm).

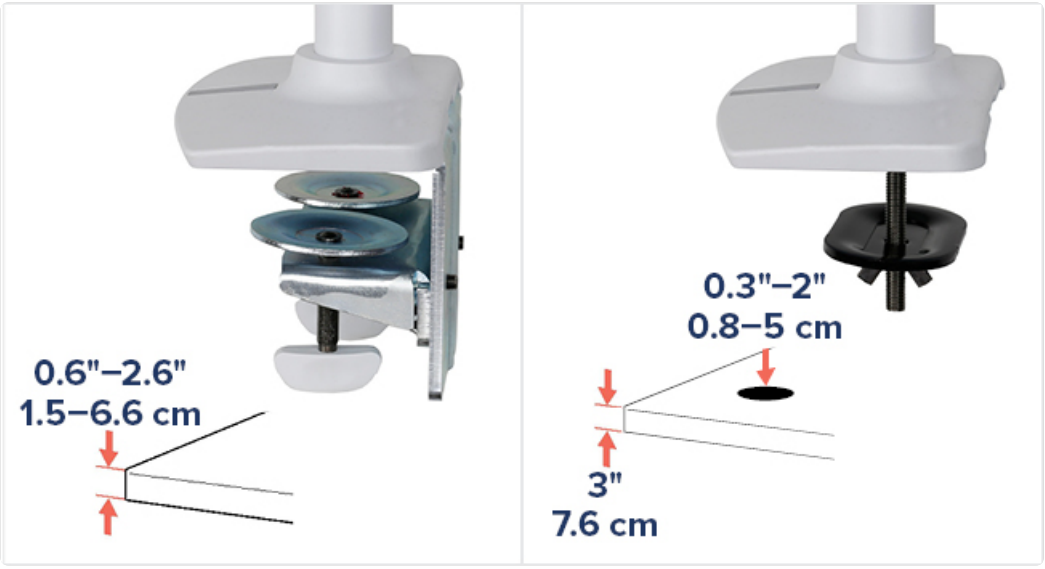


Figure 3: Desk clamp and grommet mount compatibility.

Monitor Attachment

The LX arm is compatible with VESA patterns 75x75mm and 100x100mm. Secure your monitors to the VESA plates on each arm. Ensure all connections are tightened to prevent sag and ensure stability.

▶ **Watch video online**
LX Dual Stacking Arm: Your Home Office Positioned Just Right

Video 1: LX Dual Stacking Arm: Your Home Office Positioned Just Right. This video demonstrates the setup and benefits of the Ergotron LX Dual Stacking Arm in a home office environment.

Operating Your Monitor Arm

The Ergotron LX arm provides extensive adjustability to create an ergonomic and comfortable viewing experience.

Adjusting Monitor Position

- **Height Adjustment:** The arm offers 13 inches (33 cm) of lift, allowing monitors to rise up to 31.7 inches from the desktop. This enables comfortable viewing whether sitting or standing.
- **Tilt and Rotation:** Each monitor can be tilted up to 75 degrees and rotated 360 degrees, allowing for portrait or

landscape orientation and easy screen sharing.

- **Reach:** The arm extends up to 25.6 inches (65 cm) from the pole, providing ample flexibility for positioning.



Figure 4: Side view of stacked monitors on the arm.



Figure 5: Rear view of side-by-side monitors on the arm.



Figure 6: Illustrating the 23-inch pole height for vertical stacking.



Figure 7: Vertical adjustment range of the monitor arm.



Figure 8: Horizontal reach of the monitor arm.

Cable Management

The LX arm features integrated cable management channels to keep your workspace tidy and organized. Route monitor cables through these channels to prevent clutter and ensure a clean aesthetic.

Maintenance

To ensure the longevity and optimal performance of your Ergotron LX Monitor Arm, follow these simple maintenance guidelines:

- **Cleaning:** Wipe down the arm and pole regularly with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Tension Adjustment:** Over time, the arm's tension may need adjustment to maintain proper monitor positioning, especially if monitors are frequently moved or replaced. Refer to the installation manual for instructions on adjusting the tension screws to match your monitor's weight.
- **Check Connections:** Periodically inspect all screws and connections to ensure they remain tight and secure.

Troubleshooting

If you encounter any issues with your Ergotron LX Monitor Arm, consider the following common solutions:

- **Monitor Sagging or Not Holding Position:** This is typically due to incorrect tension adjustment. Use the provided tools to increase the tension on the arm's pivot points until the monitor holds its desired position firmly. Ensure your monitor's weight is within the specified range (7 to 22 lbs).
- **Difficulty Moving Arm:** If the arm is too stiff, the tension may be too high. Loosen the tension screws slightly until the arm moves smoothly but still holds the monitor securely.
- **Desk Instability:** Ensure the desk clamp or grommet mount is securely fastened to a sturdy desk surface. If your desk is made of particle board or a less robust material, consider using reinforcement plates under the clamp to distribute pressure and prevent damage.
- **Monitors Not Aligned:** Check that both monitors are properly seated on their VESA mounts and that the VESA plates are level. Minor adjustments can be made by slightly loosening and re-tightening the VESA plate screws.

Specifications

Feature	Specification
Product Dimensions	17.7 x 7.1 x 30.3 inches
Item Weight	19 pounds
Item Model Number	45-509-224
Mounting Type	Tabletop Mount (Desk Clamp / Grommet)
Movement Type	Articulating
Material	Metal
Maximum Compatible Size	40 Inches (per monitor)
Minimum Compatible Size	0.04 Inches (per monitor)
Monitor Weight Capacity	7 to 22 lbs (each monitor)
VESA Compatibility	75x75mm, 100x100mm
Maximum Tilt Angle	75 Degrees
Pole Height	23 Inches
Color	Matte Black

Warranty and Support

Ergotron products are built to last and set the standard for quality. This product comes with a **10-year warranty**, ensuring long-term reliability and peace of mind. In case of any issues or for technical assistance, please contact Ergotron's expert technical support.

For further detailed instructions and support, you can also refer to the comprehensiveUser Guide PDF.

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