

## Ergotron 45-683-292

# Ergotron LX Pro Premium Single Monitor Arm (Model 45-683-292) Instruction Manual

For Monitors Up to 34 Inches, 4 to 22 lbs

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ergotron LX Pro Premium Single Monitor Arm. Designed for single screens up to 34 inches diagonal and weighing between 4 to 22 pounds, this VESA wall mount arm offers enhanced ergonomic positioning and space-saving benefits. It is compatible with VESA patterns 75x75mm and 100x100mm.

The LX Pro Series builds upon industry-leading design and quality engineering, offering features such as improved cable management, an increased tilt range, and a new rotation stop for enhanced functionality and workspace aesthetics.

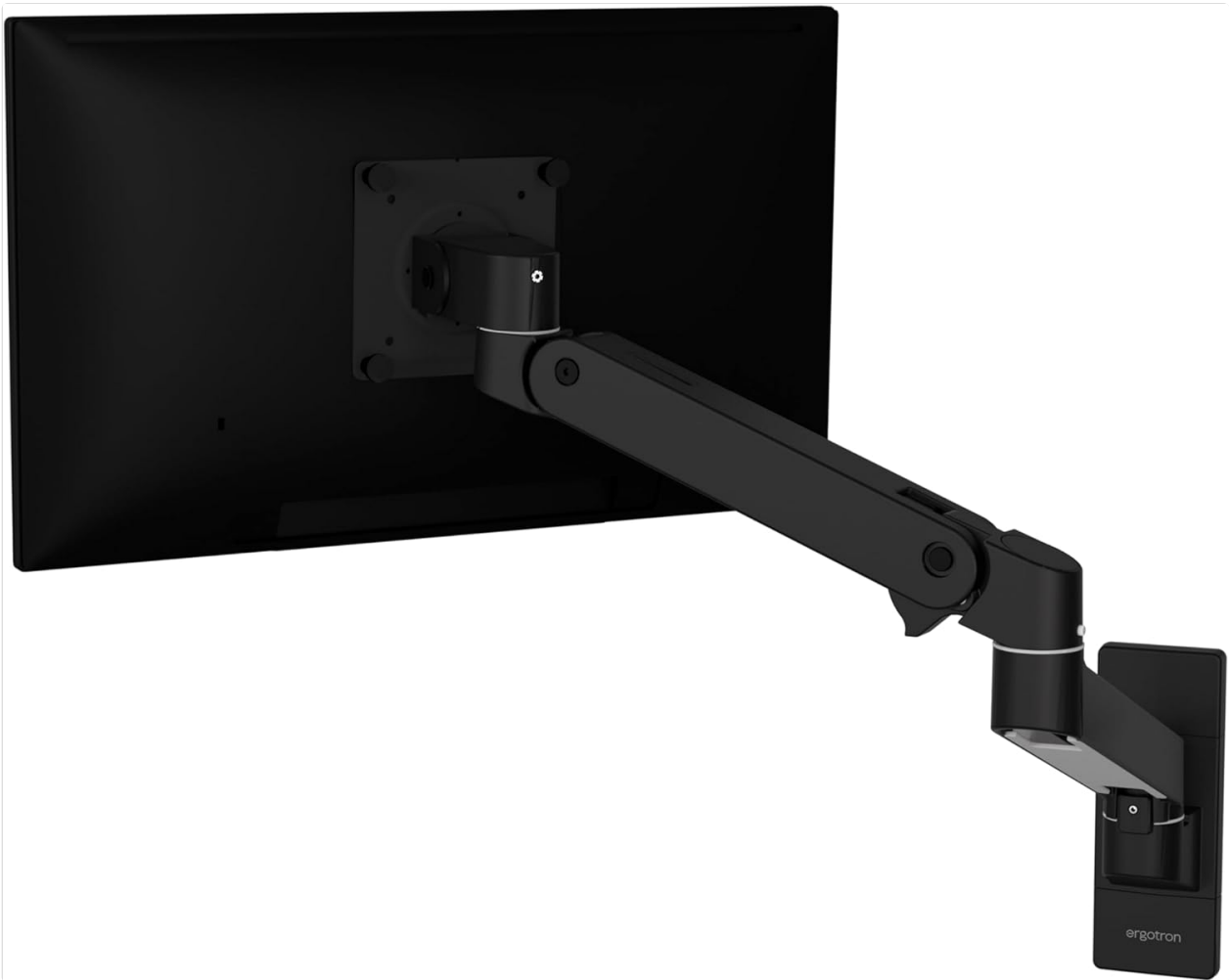


Image: The Ergotron LX Pro Premium Single Monitor Arm in an extended position, mounted to a wall, holding a monitor. This illustrates the arm's reach and adjustability.

## SETUP AND INSTALLATION

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Before beginning installation, ensure your monitor meets the compatibility requirements: screen size up to 34 inches, weight between 4 to 22 lbs, and VESA 75x75mm or 100x100mm mounting patterns. The arm is designed for wall mounting.

### Package Contents

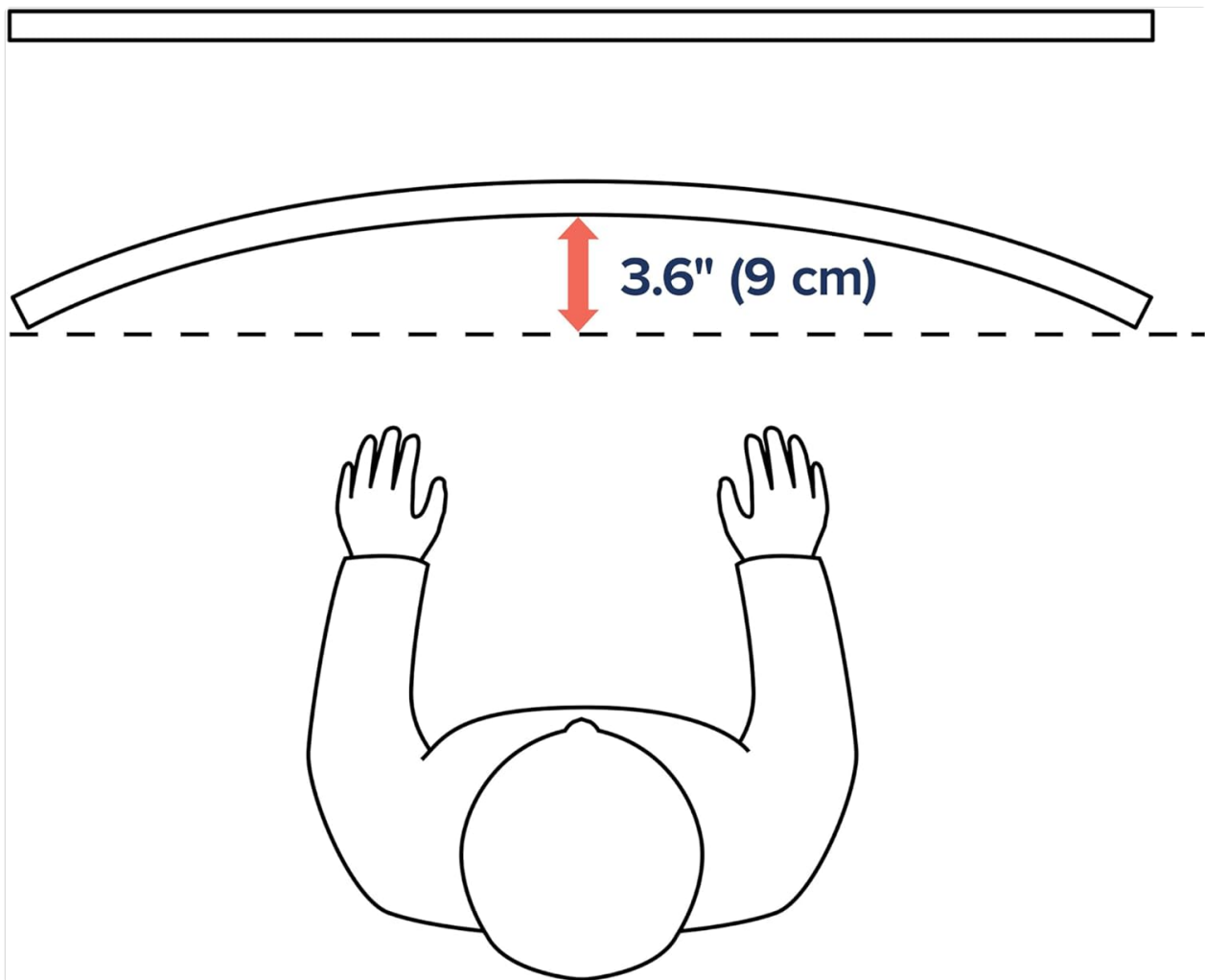


Image: A disassembled view of the Ergotron LX Pro Monitor Arm components, including the wall mount base, arm segments, monitor pivot, and small covers. This shows all parts included for installation.

The package includes the arm, extension, monitor pivot, wall mount base, fasteners for wood studs or concrete walls, and attachment hardware. Verify all components are present before proceeding.

### Installation Steps

1. **Mount the Wall Base:** Securely attach the wall mount base to a suitable wall stud (for wood construction) or concrete wall using the provided fasteners. Ensure the base is level and firmly anchored.
2. **Attach the Arm Segments:** Connect the arm extension and the main arm to the wall mount base. Follow the quick three-step assembly process, which involves fewer parts for intuitive setup.
3. **Install the Monitor Pivot:** Attach the monitor pivot to the end of the arm.
4. **Mount the Monitor:** Secure your VESA-compatible monitor to the monitor pivot using the appropriate screws.
5. **Adjust Tension:** After mounting the monitor, adjust the arm's tension to match your monitor's weight. Use the tension indicator for precise adjustment. Rotate clockwise for heavier displays and counter-clockwise for lighter displays.
6. **Cable Management:** Route monitor cables through the integrated cable management channels to maintain a clean and organized workspace. An additional cover safely routes cords, reducing clutter and preventing snags.

# RANGE OF MOTION

More motion with less effort for best-in-class ergonomic positioning

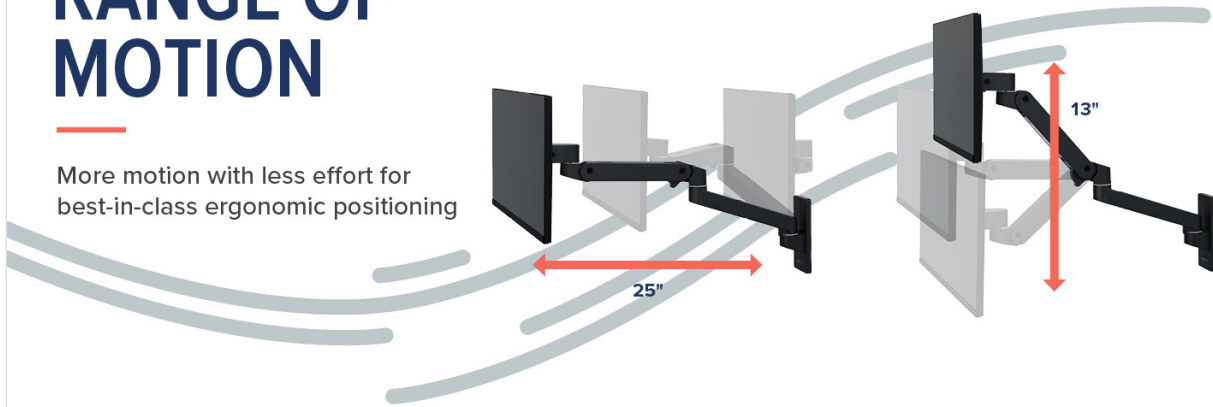


Image: A visual representation of the monitor arm components and the phrase "Easier Installation" highlighting the quick three-step assembly process. This image emphasizes the simplicity of setting up the arm.



Image: A close-up view of the monitor arm's underside, illustrating the improved cable management system with an additional cover to route cords. This highlights the clean aesthetic and functionality.

## OPERATING INSTRUCTIONS

The Ergotron LX Pro Monitor Arm provides extensive adjustability to optimize your viewing experience and ergonomic comfort.

### Adjusting Monitor Position

- **Height Adjustment:** Easily raise or lower your monitor up to 20 inches above the base, with 13 inches of vertical lift.
- **Reach Adjustment:** Extend or retract the arm to position your screen up to 22 inches (56 cm) from the wall. When not in use, the arm conveniently folds close to the wall for easy storage.
- **Tilt Adjustment:** Adjust the monitor's tilt angle up to 70 degrees upward and 15 degrees downward for optimal viewing.
- **Rotation:** Rotate your monitor up to 360 degrees for portrait or landscape viewing. The arm itself also offers 360-degree rotation at the base and 180-degree rotation at the arm joints.

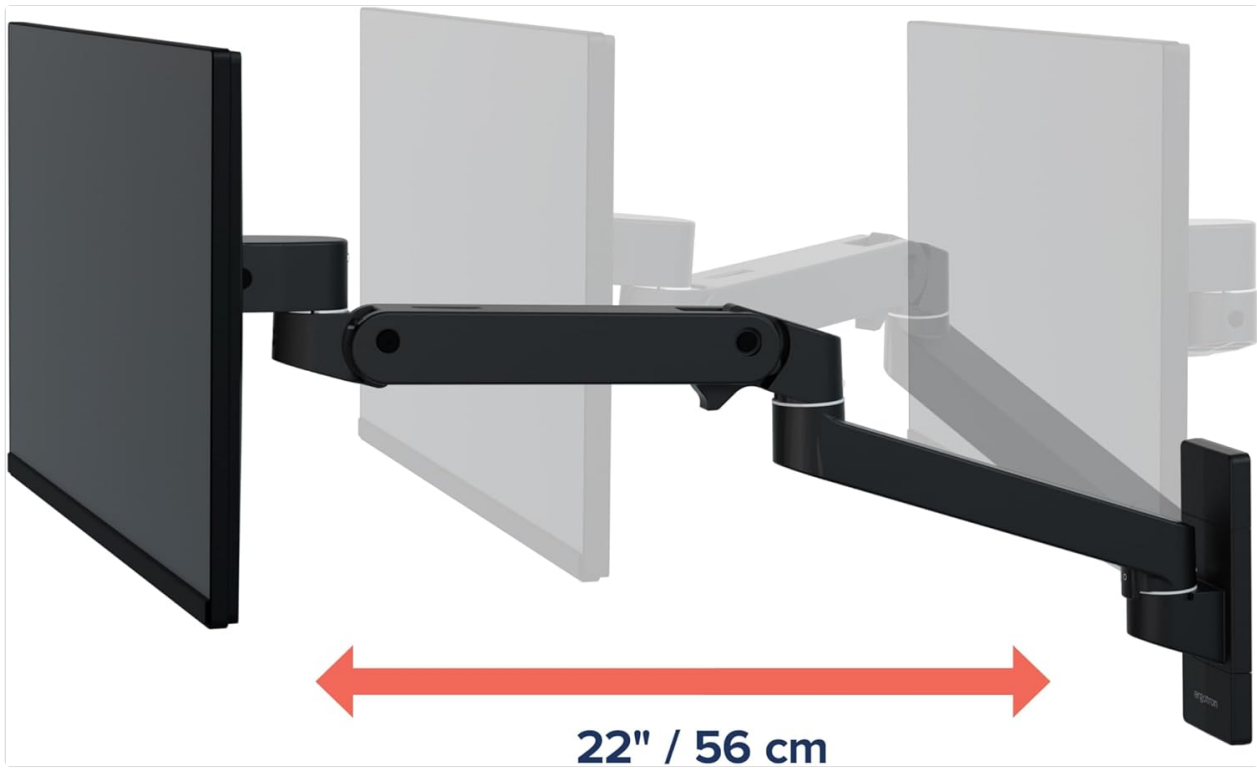


Image: A diagram illustrating the horizontal reach of the monitor arm, showing a 22-inch (56 cm) extension from the wall. This demonstrates the arm's ability to position the monitor at various distances.

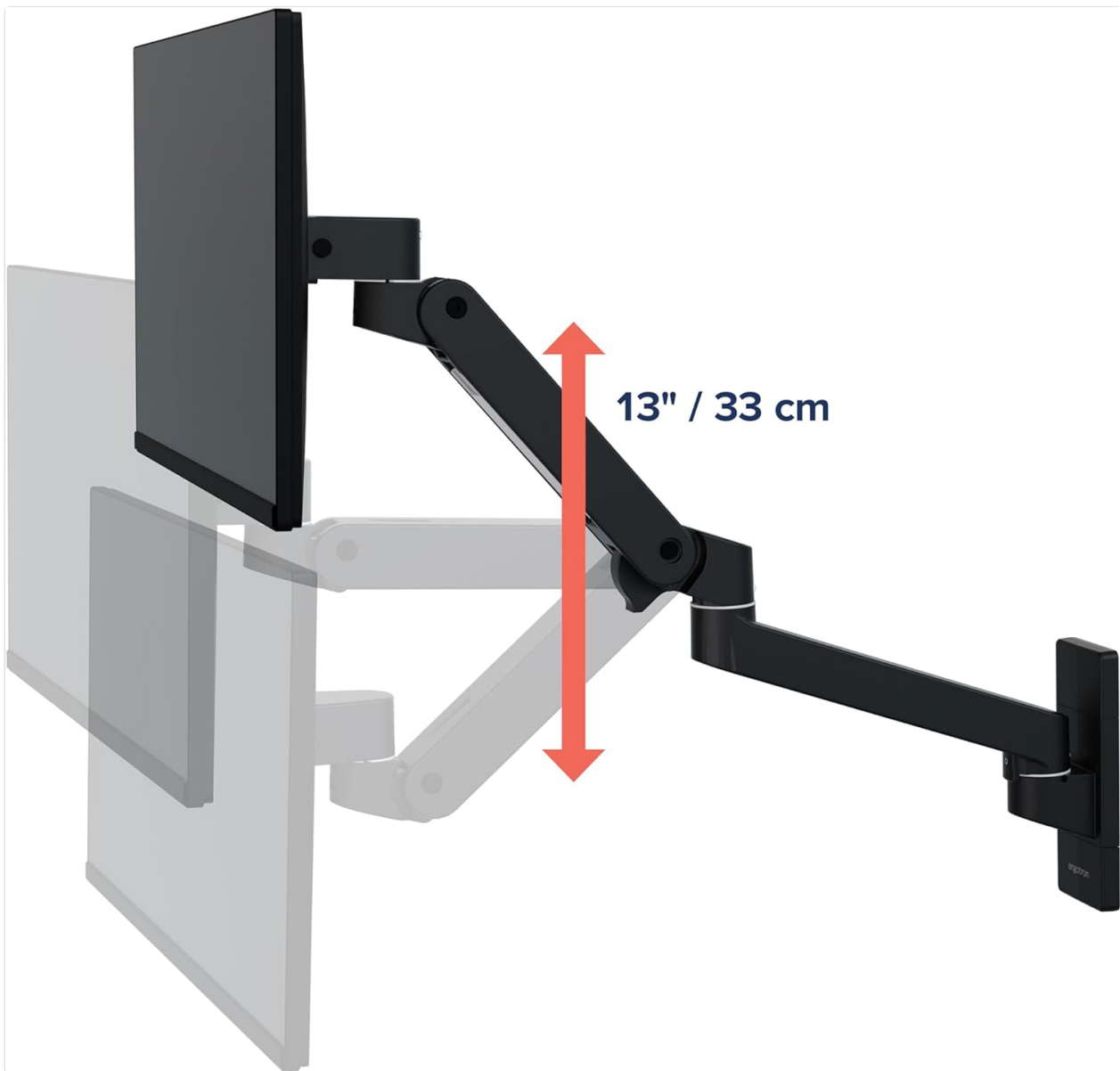


Image: A diagram illustrating the vertical lift capability of the monitor arm, showing a 13-inch (33 cm) height adjustment range. This highlights the flexibility in setting the monitor's vertical position.

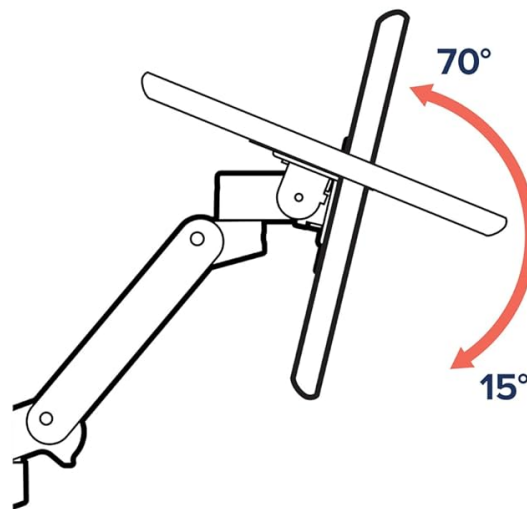
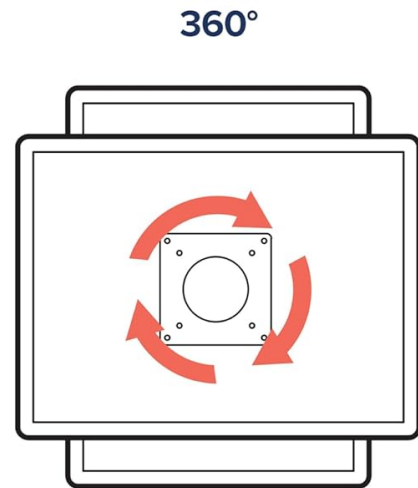
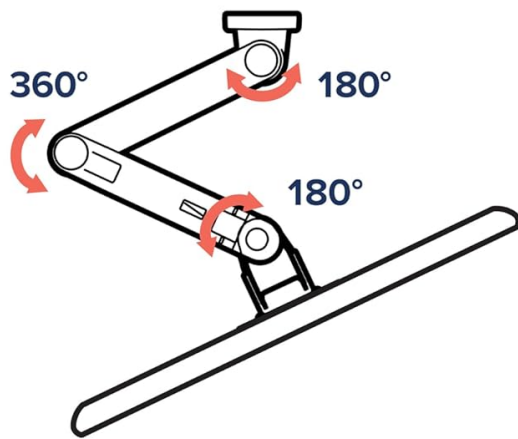
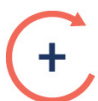


Image: A multi-panel diagram detailing the various rotation and tilt angles of the monitor arm. It shows 360-degree rotation at the base and monitor, 180-degree rotation at arm joints, and a tilt range of 70 degrees up and 15 degrees down.

## *new* TENSION INDICATOR

Set tension level once and repeat for quick installation of multiple workstations



Rotate clockwise  
for heavier displays



Rotate counter-clockwise  
for lighter displays

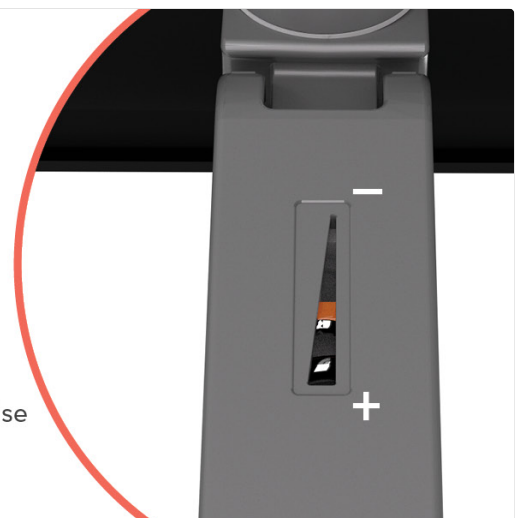


Image: A diagram illustrating the full range of motion of the monitor arm, showing both horizontal extension (25 inches) and vertical lift (13 inches) with multiple monitor positions. This emphasizes the arm's dynamic adjustability.

### Special Features

- **New Rotation Stop:** This built-in optional feature limits side-to-side motion, protecting walls, partitions, or cubicles from accidental impact.
- **New Tension Indicator:** Allows you to set the tension level once and easily repeat it for quick installation and consistent adjustment across multiple workstations.

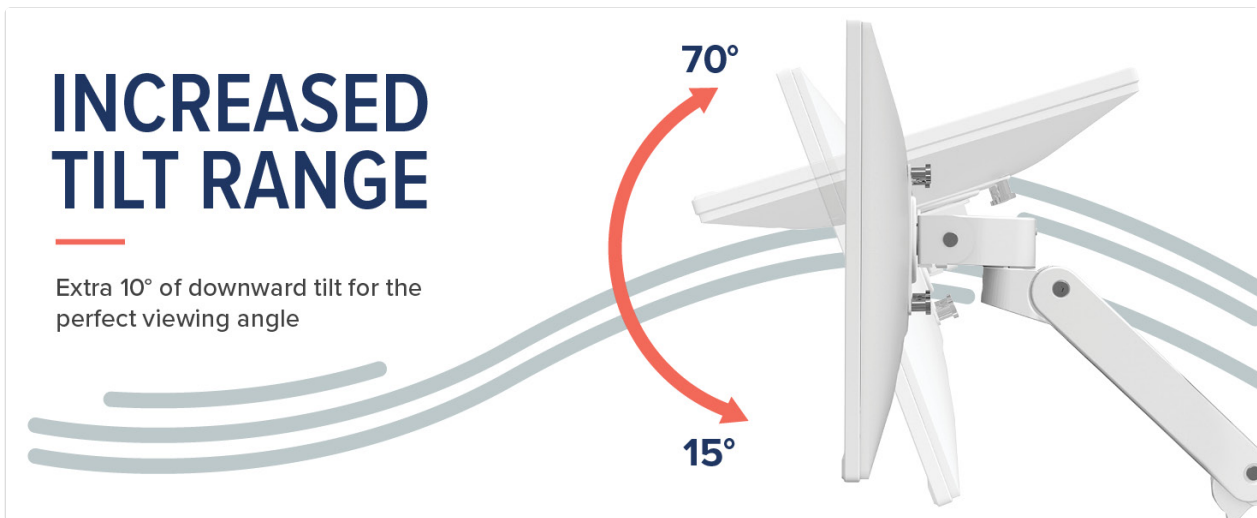


Image: A diagram highlighting the new rotation stop feature on the monitor arm, showing how it limits side-to-side movement to protect surrounding surfaces. This illustrates a practical safety and protection feature.



Image: A diagram showcasing the new tension indicator, with visual cues for adjusting tension for heavier (+) or lighter (-) displays. This feature simplifies the process of setting the correct tension for various monitor weights.

## MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Ergotron LX Pro Monitor Arm.

- **Cleaning:** Wipe the arm and mount surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Check Connections:** Periodically inspect all mounting screws and connections to ensure they remain tight and secure. Re-tighten if necessary.
- **Cable Management:** Ensure cables are properly routed and not pinched or stressed, which could lead to damage.
- **Tension Adjustment:** If you change monitors or notice the arm is not holding its position correctly, re-adjust the tension using the tension indicator as described in the operating instructions.



## TROUBLESHOOTING

This section addresses common issues you might encounter with your monitor arm.

### Arm Does Not Hold Monitor Weight

- **Verify Weight:** Ensure your monitor's weight is within the specified range of 4 to 22 lbs. Monitors outside this range may not be adequately supported.
- **Adjust Tension:** The most common cause for this issue is incorrect tension adjustment. Refer to the "Adjust Tension" step in the Setup section and the "New Tension Indicator" in the Operating section. Rotate the tension screw clockwise to increase tension for heavier monitors.
- **Check Mounting:** Ensure the arm is securely mounted to the wall and all connections are tight. A loose mount can affect stability.

### Limited Range of Motion

- **Check Rotation Stop:** If the arm's side-to-side motion is restricted, verify if the optional rotation stop feature is engaged. Disengage it if full rotation is desired and wall protection is not a concern.
- **Obstructions:** Ensure there are no physical obstructions preventing the arm from moving freely.

### Wobbly Monitor

- **Tighten Connections:** Check all screws and bolts connecting the monitor to the VESA plate, the VESA plate to the arm, and the arm segments themselves.
- **Secure Wall Mount:** Ensure the wall mount base is firmly attached to the wall.

## SPECIFICATIONS

Feature	Detail
Brand	Ergotron
Model Number	45-683-292
Mounting Type	Wall Mount
Movement Type	Articulating
Material	Metal
Color	Matte Black
Compatible Devices	Monitor
Screen Size Compatibility	Up to 34 inches diagonal
Weight Capacity	4 to 22 lbs
VESA Compatibility	75x75mm, 100x100mm
Vertical Lift	13 inches (33 cm)

Horizontal Extension	Up to 22 inches (56 cm)
Maximum Tilt Angle	85 Degrees (70° up, 15° down)
Rotation	360 degrees (at base and monitor)
Product Dimensions	21.06 x 7.09 x 6.5 inches
Item Weight	6.06 pounds
UPC	698833091618



Image: A graphic detailing the monitor compatibility requirements for the LX Pro arm, including screen size (up to 34"), capacity (4-22 lbs), depth (up to 3.6"), and VESA patterns (75x75 or 100x100 mm).

## WARRANTY INFORMATION


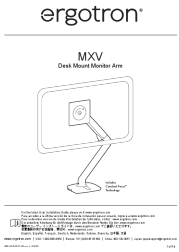




Ergotron products are built to last, and the LX Pro Premium Single Monitor Arm is backed by an extensive quality testing process. This product comes with a **10-year warranty**, ensuring your monitor remains stable and secure for years to come. For detailed warranty terms and conditions, please refer to the official Ergotron website or contact customer support.

## CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Ergotron LX Pro Premium Single Monitor Arm, please contact Ergotron customer service. You can typically find contact information, FAQs, and additional resources on the official Ergotron website:

[Visit Ergotron's Official Website](#)

Expert technical support is available to assist you with any questions or issues you may encounter.

	<p><a href="#">Ergotron HX Desk Monitor Arm - Installation Guide and User Manual</a></p> <p>Comprehensive installation guide and user manual for the Ergotron HX Desk Monitor Arm, detailing assembly, adjustments, safety precautions, and product specifications. Learn how to safely install and operate your monitor arm for optimal ergonomic use.</p>
	<p><a href="#">Ergotron MXV Desk Mount Monitor Arm Installation Guide</a></p> <p>Detailed installation guide for the Ergotron MXV Desk Mount Monitor Arm, featuring Constant Force Technology. Includes safety information, component lists, step-by-step instructions, and adjustment procedures for optimal setup and use.</p>
	<p><a href="#">Ergotron LX Pro Arm Single Display Desk Mount - Installation and Adjustment Guide</a></p> <p>This guide provides comprehensive instructions for installing, adjusting, and safely using the Ergotron LX Pro Arm Single Display Desk Mount. It covers parts identification, assembly steps, various adjustments like lift, tilt, swing, and friction, as well as important safety warnings and weight capacity information.</p>
	<p><a href="#">Ergotron HX Desk Monitor Arm - Installation and User Guide</a></p> <p>Comprehensive guide for installing and adjusting the Ergotron HX Desk Monitor Arm with Top Mount Low Profile C-clamp. Includes parts list, assembly steps, safety information, and specifications.</p>
	<p><a href="#">Ergotron LX Pro Arm Single Display Desk Grommet Mount - Installation Guide</a></p> <p>Comprehensive installation guide for the Ergotron LX Pro Arm Single Display Desk Grommet Mount, featuring Constant Force™ Technology. Learn how to mount, adjust, and manage cables for ergonomic monitor positioning.</p>
	<p><a href="#">Ergotron LX Desk Monitor Arm Installation Guide</a></p> <p>Comprehensive installation guide and user manual for the Ergotron LX Desk Monitor Arm, detailing setup, adjustments, safety precautions, and weight capacity.</p>