Ergotron 45-690-292

Ergotron LX Pro Premium Vertical Stacking Dual Monitor Arm

Model: 45-690-292

INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your Ergotron LX Pro Premium Vertical Stacking Dual Monitor Arm. Please read this manual thoroughly before assembly and use to ensure proper function and safety. This product is designed to enhance your workspace ergonomics by providing flexible positioning for two monitors.

SAFETY INFORMATION

- Ensure that the total weight of your monitors, including any accessories, does not exceed 22 lbs (10 kg) per arm.
- Verify that your desk surface is stable and capable of supporting the combined weight of the monitor arm and monitors.
- Do not overtighten screws during assembly, as this may damage components.
- Keep children and pets away from the product during installation and adjustment.
- If any parts are missing or damaged, do not proceed with assembly. Contact customer support immediately.

PACKAGE CONTENTS

Carefully unpack the box and ensure all components are present:

- Two Monitor Arms
- Two Arm Extensions
- Two Monitor Pivots (VESA plates)
- Two-piece Desk Clamp
- Large Base
- 12-inch Pole
- Two Pole Collars
- Attachment Hardware (screws, washers, Allen wrenches)

Image: All components included in the Ergotron LX Pro Premium Vertical Stacking Dual Monitor Arm package.

SETUP

1. Desk Compatibility

The included two-piece desk clamp is designed for secure attachment to various desk types. It supports desk thicknesses ranging from 0.4 inches (1 cm) to 2.4 inches (6 cm). Ensure your desk meets these specifications for stable mounting. A grommet mount is available as a separate accessory (part number 98-729-292) if preferred.
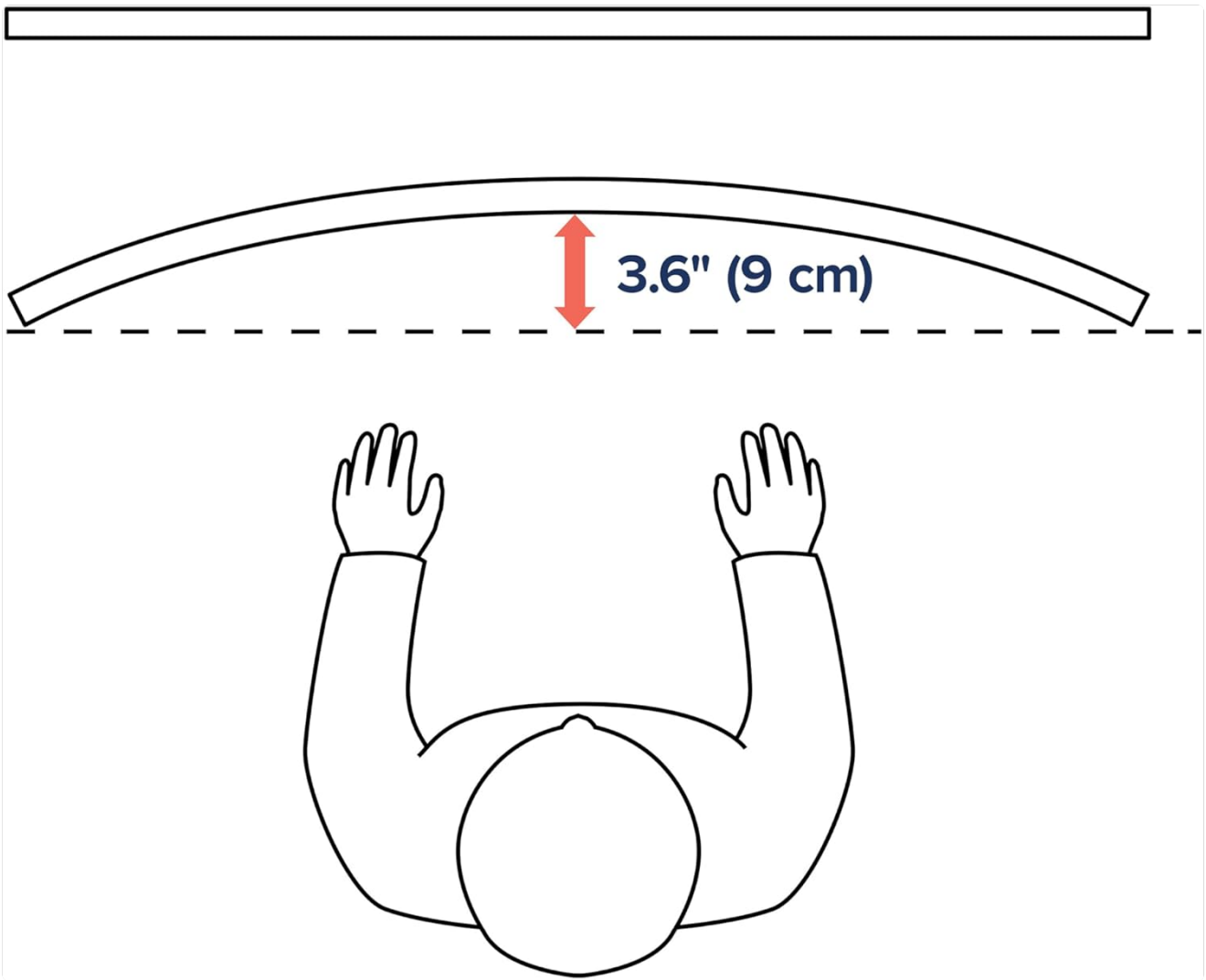
Image: Diagram illustrating the compatible desk thickness range for the clamp mount.

2. Monitor Compatibility

This monitor arm is compatible with two screens up to 24 inches diagonal, each weighing between 4 to 22 pounds (1.8 to 10 kg). It supports VESA mounting patterns of 75x75mm and 100x100mm. Ensure your monitors meet these criteria.
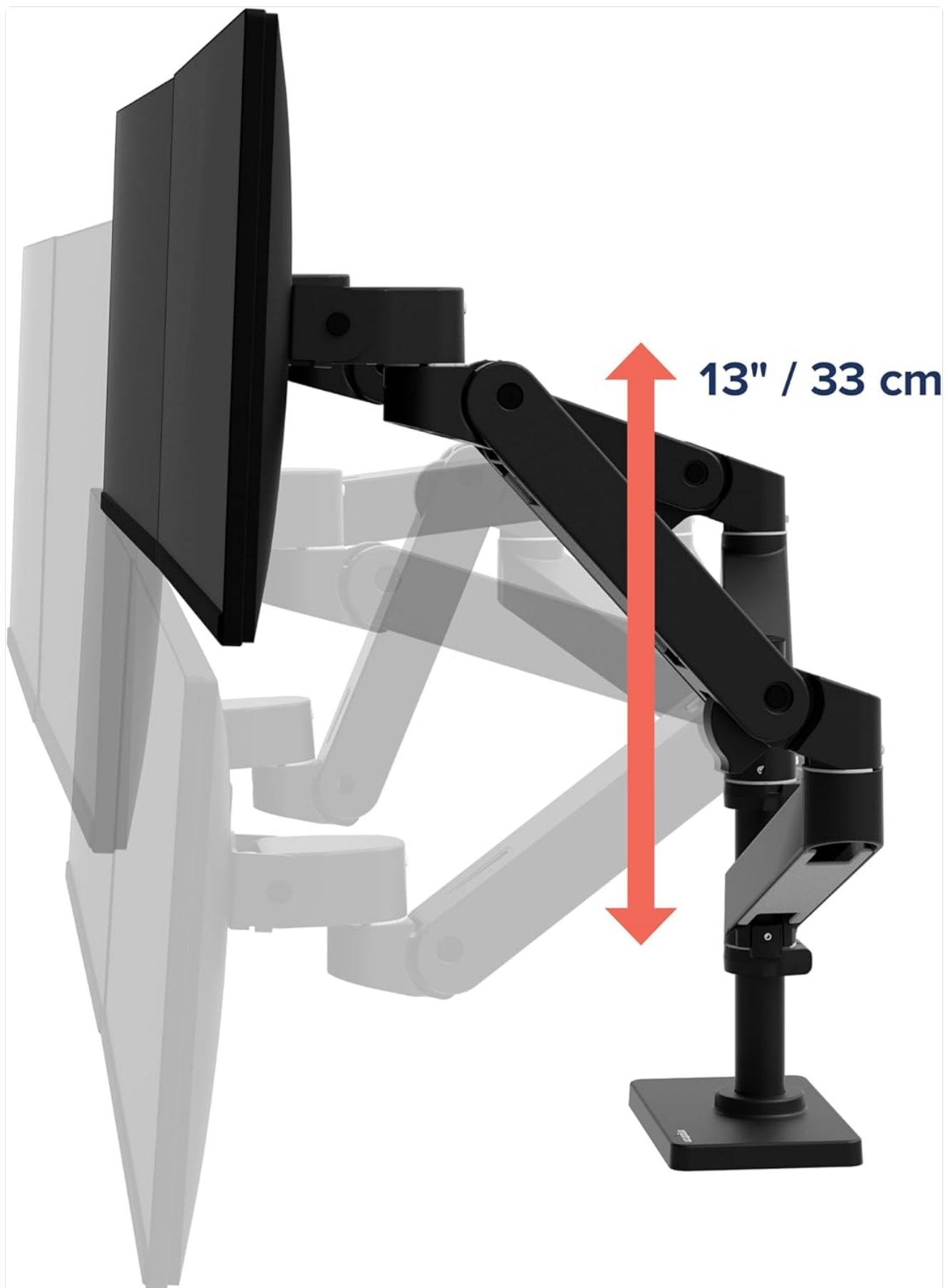
Image: Diagram detailing screen size, weight capacity, depth, and VESA compatibility.

3. Installation Steps

1. **Attach Desk Clamp:** Secure the two-piece desk clamp to your desk edge. Tighten the clamp firmly using the provided hardware.

2. **Install Pole:** Insert the 12-inch pole into the desk clamp base and secure it.

3. **Attach Arms:** Slide the two monitor arms onto the pole. Position them as desired for vertical stacking.

4. **Mount Monitors:** Attach the VESA plates to the back of your monitors. Then, slide the monitors onto the ends of the arms. Ensure they click securely into place.

5. **Adjust Tension:** Refer to the 'Operating Instructions' section for adjusting arm tension to match your monitor weight.

Image: The Ergotron LX Pro Premium Dual Monitor Arm with two monitors mounted in a side-by-side configuration.

OPERATING INSTRUCTIONS

1. Adjusting Monitor Position

The LX Pro arm offers extensive adjustability to achieve optimal ergonomic positioning:

- **Height Adjustment:** Monitors can be raised up to 20 inches (51 cm) above the worksurface, with 13 inches (33 cm) of vertical lift available through the arm.

- **Extension:** The arm extends up to 22 inches (56 cm) from the pole, allowing you to pull monitors closer or push them further away.

- **Tilt:** Adjust the monitor tilt from +70 degrees to -15 degrees for comfortable viewing angles.

- **Rotation:** Monitors can rotate 360 degrees for portrait or landscape orientation. The arm itself can rotate 360 degrees at the base, with an optional 180-degree rotation stop to protect walls or cubicles.

22" / 56 cm

Image: Diagram showing the 22-inch (56 cm) extension range of the monitor arm.

Image: The dual monitor arm configured for vertical stacking of two displays.

Image: Diagrams illustrating the 360-degree rotation, 180-degree rotation stop, and tilt range of the monitor arm.

2. Tension Adjustment

The arm features a tension indicator for precise adjustment. Use the provided Allen wrench to set the tension. Rotate clockwise for heavier displays and counter-clockwise for lighter displays. Adjust until the monitor holds its position freely without drifting up or down.
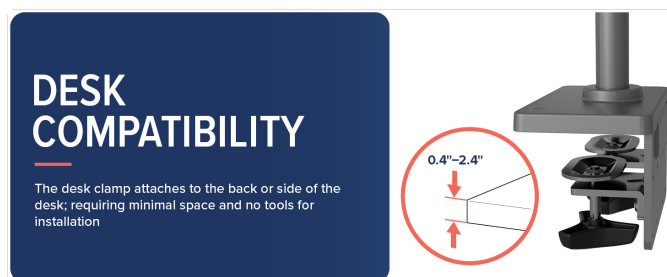

Image: Close-up of the tension indicator, showing clockwise adjustment for heavier displays and counter-clockwise for lighter displays.

3. Cable Management

Utilize the integrated cable management system to route and conceal monitor cables. This helps maintain a tidy workspace and prevents cable snags. Open the cable covers on the underside of the arms, place your cables inside, and close the covers securely.

Image: Illustration of the monitor arm's improved cable management system, routing cords for a clean setup.

MAINTENANCE

- **Cleaning:** Wipe the monitor arm surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and connections to ensure they remain tight and secure. Re-tighten if necessary.
- **Tension Adjustment:** If monitors begin to sag or become difficult to move, re-adjust the arm tension as described in the 'Operating Instructions' section.

TROUBLESHOOTING

- **Monitor Sags or Drifts:** The arm tension is likely too low for the monitor's weight. Increase the tension by rotating the adjustment screw clockwise.
- **Monitor is Difficult to Move:** The arm tension may be too high. Decrease the tension by rotating the adjustment screw counter-clockwise.
- **Arm Feels Loose:** Check all connection points, especially the desk clamp and the pole attachment. Ensure all screws are securely tightened.
- **Monitors Not Level:** Minor adjustments can be made at the VESA plate connection to ensure monitors are perfectly aligned.

SPECIFICATIONS

Model Number	45-690-292
Brand	Ergotron
Monitor Capacity	Two monitors, 4 to 22 lbs (1.8 to 10 kg) each
Screen Size Compatibility	Up to 24 inches diagonal per monitor
VESA Compatibility	75x75mm, 100x100mm
Desk Clamp Thickness	0.4 to 2.4 inches (1 to 6 cm)
Vertical Lift	13 inches (33 cm)
Arm Extension	Up to 22 inches (56 cm)

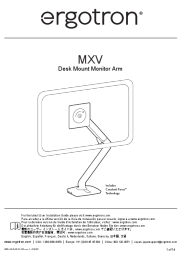| Tilt Range	+70° to -15°
Rotation	360° at base, 360° at monitor pivot (with optional 180° stop)
Product Dimensions	23.11 x 18.62 x 6.93 inches (packaged)
Item Weight	15.97 pounds
Material	Metal
Color	Matte Black

WARRANTY AND SUPPORT

Ergotron products are built to last and are backed by extensive quality testing. This product comes with a **10-year warranty**, ensuring long-term reliability and performance.

For technical support, warranty claims, or assistance with any aspect of your Ergotron LX Pro Premium Vertical Stacking Dual Monitor Arm, please visit the official Ergotron website or contact their customer service department. Contact information can typically be found on the product packaging or the Ergotron website.

Related Documents - 45-690-292

	[Ergotron LX Pro Arm Dual Stacking Desk Grommet Mount - Installation and Adjustment Guide](#) Comprehensive guide for installing and adjusting the Ergotron LX Pro Arm Dual Stacking Desk Grommet Mount, including parts list, assembly steps, and safety information.
	[Ergotron HX Desk Monitor Arm - Installation Guide and User Manual](#) 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.
	[Ergotron HX Desk Monitor Arm - Installation and User Guide](#) 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.

	[Ergotron LX Pro Arm Single Display Desk Mount - Installation and Adjustment Guide](#) 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.
	[Ergotron MXV Desk Mount Monitor Arm Installation Guide](#) 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.
	[Ergotron LX Desk Monitor Arm Installation Guide](#) Comprehensive installation guide and user manual for the Ergotron LX Desk Monitor Arm, detailing setup, adjustments, safety precautions, and weight capacity.