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Ergotron 45-630-224

Ergotron Trace Single Monitor Arm User Manual

Model: 45-630-224
Brand: Ergotron

Introduction

This manual provides essential information for the setup, operation, and maintenance of your Ergotron Trace Single Monitor Arm. Designed for monitors up to 38 inches and weighing between 6.5 to 21.5 lbs, this VESA-compatible desk mount enhances your workspace ergonomics and flexibility.

Key Features

- **Broad Compatibility:** Supports single screens up to 38 inches diagonal and 6.5 to 21.5 pounds. Compatible with VESA patterns 75x75mm and 100x100mm.
- **Workstation Flexibility:** Includes lift column, extension arms, cable management channel, pivot, base, VESA spacer, and a two-piece desk clamp for surfaces up to 2.5 inches thick. Optional grommet mount (98-492-009) and slim profile clamp mount (98-490-224) are available separately.
- **Full Motion Mechanics:** Offers 11 inches of vertical lift, rising 19.6 inches from the desktop. Provides 360 degrees of rotation and 80 degrees of tilt for personalized viewing. Vertical and horizontal adjustments operate independently.
- **Intuitive Design:** Adapts to individual user preferences, facilitating dynamic collaboration and encouraging movement by returning to a home position.
- **Durable Construction:** Subjected to extensive quality testing to ensure display stability and security.

Setup

Package Contents

Verify that all components are present before beginning installation:

- Lift Column
- Extension Arms

- Cable Management Channel
- Pivot
- Base
- VESA Spacer
- Two-piece Desk Clamp

Mounting Options

The Trace Monitor Arm can be installed using the included desk clamp or an optional grommet mount.



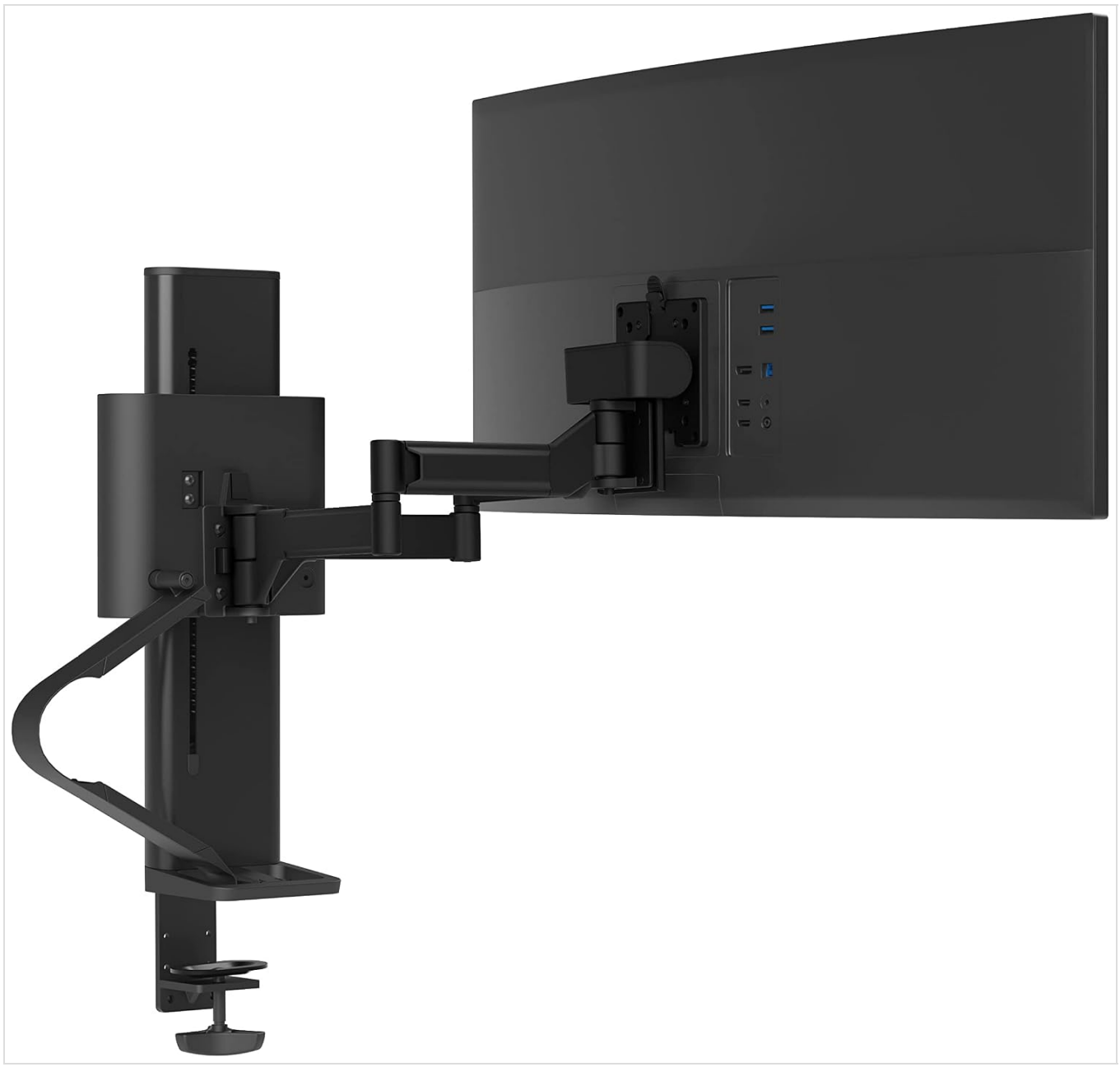
The included two-piece desk clamp securely attaches the monitor arm to desk edges up to 2.5 inches thick.



The desk clamp accommodates surfaces with a thickness between 0 and 2.55 inches (0-6.5 cm).

Attaching the Monitor

Ensure your monitor is compatible with VESA 75x75mm or 100x100mm mounting patterns. Attach the VESA plate to the back of your monitor using the provided screws. Then, slide the monitor onto the arm's VESA head until it clicks into place.



The monitor arm securely holds the display, providing a stable and adjustable setup.

Operating the Monitor Arm

Vertical Adjustment (Lift)

The monitor arm offers 11 inches (28 cm) of vertical lift, allowing you to raise or lower your monitor to an optimal ergonomic height. The arm rises up to 19.6 inches from the desktop.





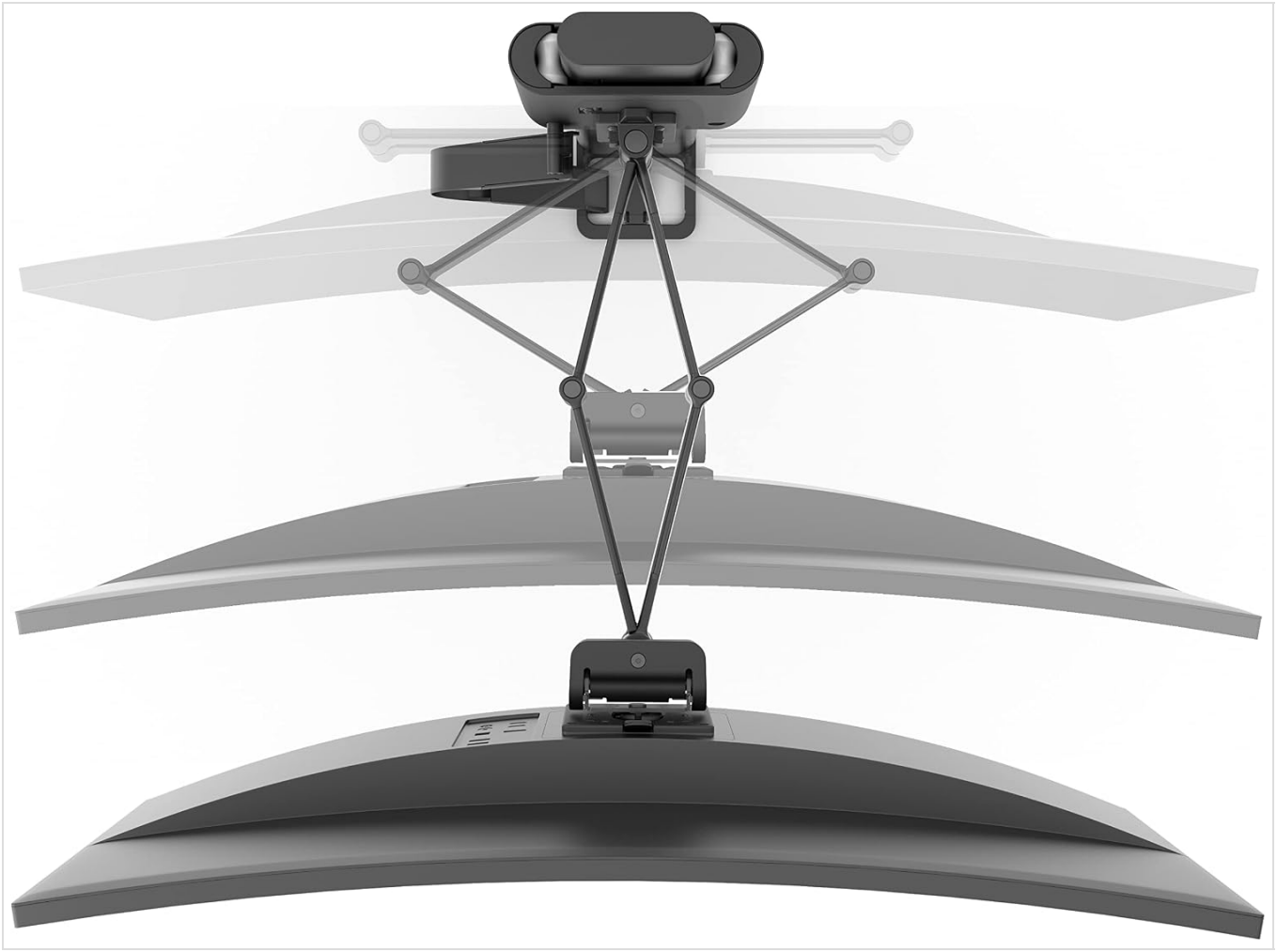
Observe the range of vertical motion, enabling seamless transitions between sitting and standing positions.



The arm provides 11 inches (28 cm) of smooth vertical adjustment.

Horizontal Adjustment and Pivot

The arm allows for horizontal movement and pivoting, enabling you to position your monitor precisely. The unique design ensures that vertical and horizontal adjustments move independently for fine-tuning.



The monitor can be pivoted horizontally to share content or adjust viewing angles.

Tilt and Rotation

Personalize your view with 360 degrees of rotation and 80 degrees of tilt. This allows for portrait or landscape orientation and optimal glare reduction.



The monitor can be tilted to reduce glare or optimize viewing comfort.



A total tilt range of 80 degrees (75 degrees up, 5 degrees down) is available.

Product in Motion

▶ **Watch video online**

In Motion: TRACE Monitor Mount

This video demonstrates the various movements and adjustments of the Ergotron Trace Monitor Mount, including vertical lift, horizontal pivot, and tilt capabilities, highlighting its innovative and ergonomic design for adaptable workspaces.

▶ **Watch video online**

TRACE: Create an Adaptable Workspace

This video illustrates how the Ergotron Trace Monitor Mount facilitates an adaptable workspace, showcasing its mobility for individual work and collaboration, and its ability to return to a home position for a clean desk.

Maintenance

Cable Management

The monitor arm features an integrated cable management channel to keep your workspace organized and clutter-free. Route cables through the designated channels along the arm and column.



Cables can be neatly routed through the arm's integrated channels for a tidy setup.

Cleaning and Care

Wipe the monitor arm with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these may damage the finish. Periodically check all fasteners to ensure they are secure.

Troubleshooting

Monitor Stability

If the monitor feels unstable or sags, ensure that the weight adjustment screws are properly tightened. The arm is designed to support monitors within the specified weight range of 6.5 to 21.5 lbs. Overloading the arm can affect its stability and movement.

Movement Resistance

If the arm's movement feels too stiff or too loose, refer to the installation guide for instructions on adjusting the tension. This typically involves using an Allen key to fine-tune the arm's resistance to match your monitor's weight and desired movement.

Specifications

Attribute	Detail
Brand	Ergotron
Model Number	45-630-224
Item Weight	15.4 pounds
Product Dimensions	20.12 x 19.29 x 19.57 inches
Color	Matte Black
Material	Metal
Mounting Type	Tabletop Mount
Movement Type	Articulating
Maximum Compatible Size	38 Inches
Minimum Compatible Size	1 Inches
Compatible Devices	Monitor
Maximum Tilt Angle	80 Degrees
UPC	698833083996

Warranty and Support

The Ergotron Trace Monitor Arm comes with a premium 15-year warranty, reflecting its durable construction and the manufacturer's commitment to quality. For technical support or warranty claims, please refer to the contact information provided in your product packaging or visit the official Ergotron website.

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