



[Manuals.plus](#) /

› [Ergotron](#) /

› Ergotron MX Single Monitor Arm (Model 45-228-026) Instruction Manual

Ergotron 45-228-026

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INTRODUCTION

This manual provides essential instructions for the safe installation, efficient operation, and proper maintenance of your Ergotron MX Single Monitor Arm. Designed for versatility and ergonomic comfort, this monitor arm accommodates single displays up to 42 inches in size and weighing between 14 to 30 lbs (6.4 to 13.6 kg).

The Ergotron MX arm enhances your workspace by providing extensive adjustability, allowing you to position your monitor for optimal viewing and freeing up valuable desk space. Please read this manual thoroughly before proceeding with installation or use.



Image: Front view of the Ergotron MX Single Monitor Arm with a monitor attached.

SAFETY INFORMATION

General Safety Guidelines

- Read and understand all instructions completely before attempting installation or operation.
- Ensure the chosen mounting surface is structurally sound and capable of safely supporting the combined weight of the monitor arm and your display.
- Do not exceed the maximum weight capacity of 30 lbs (13.6 kg) for the monitor arm.
- Always use appropriate tools for installation as specified in this manual.
- Keep children and pets away from the installation area to prevent accidents.
- Periodically inspect all fasteners and connections to ensure they remain secure and tight.

PACKAGE CONTENTS

Included Components

- Ergotron MX Monitor Arm Assembly
- Wall Mount Base
- VESA Adapter Brackets (supports 75x75mm, 100x100mm, 200x100mm, 200x200mm)
- Attachment Hardware (various screws, washers, and lag bolts)

Optional Accessories (Sold Separately)

- Wall Plate (Part Number: 97-101-003)
- Track Mount Bracket Kit (Part Number: 97-091)
- VESA Bracket Adaptor Kit (Part Number: 97-759) for larger VESA patterns

SETUP AND INSTALLATION

Before You Begin

- **Verify Monitor Weight:** Confirm your monitor's weight is between 14 to 30 lbs (6.4 to 13.6 kg). Monitors lighter than 14 lbs may not allow for proper downward adjustment due to the arm's tension design.
- **Identify Mounting Surface:** The arm must be securely mounted to a sturdy vertical surface, such as a wood stud or concrete wall. Direct mounting to drywall without proper reinforcement is not recommended.
- **Gather Tools:** Ensure you have the necessary tools: a level, screwdriver, socket wrench (for lag bolts), and an electric drill with a 3/16" pilot bit.

Step-by-Step Installation

1. **Attach VESA Plate to Monitor:** Carefully place your monitor face down on a soft, protected surface. Attach the VESA mounting plate to the back of your monitor using the provided screws. The arm supports VESA patterns of 75x75mm, 100x100mm, 200x100mm, and 200x200mm.



Image: Rear view of a monitor showing the VESA plate attachment.

- 2. Mount Wall Base:** Locate a suitable mounting point on a sturdy wall stud. Use a level to accurately mark the drilling points for the wall mount base. Drill pilot holes (3/16") and securely fasten the wall mount base using the provided lag bolts and washers.





Image: Close-up of the wall mount base attached to a wall.

- 3. Attach Arm to Wall Base:** With assistance, carefully lift the monitor with the attached arm assembly. Slide the arm onto the installed wall mount base. Secure it firmly using the small screws located at the bottom of the bracket.



Image: Side view of the monitor arm fully extended from the wall.

4. **Cable Management:** Route all monitor cables (power, video, etc.) through the integrated cable management channels on the arm. This helps maintain a clean, organized, and professional appearance.

OPERATING INSTRUCTIONS

Adjusting the Monitor Arm

The Ergotron MX arm provides fluid and flexible positioning to achieve your ideal viewing comfort. It offers up to 21.7 inches of horizontal extension and 5 inches of vertical lift.

- **Tilt Adjustment:** The monitor can be tilted 80 degrees (40 degrees up and 40 degrees down) to minimize glare and optimize your viewing angle.
- **Rotation:** Easily rotate the monitor 90 degrees to switch between landscape and portrait orientations. You can lock the rotation in place if a fixed orientation is preferred.
- **Height Adjustment:** Gently push or pull the monitor to adjust its vertical position along the arm's range of motion.
- **Tension Adjustment:** If the arm feels too stiff or too loose, the tension spring located within the main arm may require adjustment. This typically involves using an Allen wrench (not included). Refer to the detailed manual provided with the

product for specific instructions on tension adjustment points.



Image: Example of the monitor arm in use, showing a person interacting with the display.

MAINTENANCE

- **Cleaning:** Clean the surfaces of the monitor arm and your display with a soft, slightly damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Periodic Checks:** Regularly inspect all mounting hardware, screws, and connections to ensure they remain tight and secure. Re-tighten any loose fasteners as needed.
- **Lubrication:** The Ergotron MX monitor arm is designed for maintenance-free operation. Do not attempt to lubricate any moving parts unless specifically instructed by Ergotron customer support or an authorized service technician.

TROUBLESHOOTING

- **Arm does not stay in position or drifts:** The tension spring may require adjustment. If your monitor weighs less than the minimum recommended 14 lbs, the arm may not hold its lowest position effectively. Refer to the 'Operating Instructions' section for guidance on tension adjustment.
- **Difficulty mounting to wall:** Ensure you are mounting the arm to a structurally sound surface, such as a wood stud or concrete. Mounting directly to drywall without proper reinforcement is not advised and can lead to instability.
- **Monitor does not fit VESA plate:** Verify your monitor's VESA mounting pattern. If it is larger than 200x200mm, an optional VESA Bracket Adaptor Kit (Part Number: 97-759) may be required.

- **Cables are messy or disorganized:** Utilize the integrated cable management channels located along the arm to route and conceal all monitor cables, maintaining a neat and professional appearance.

SPECIFICATIONS

Feature	Detail
Model Number	45-228-026
Mounting Type	Wall Mount
Movement Type	Articulating
Material	Aluminum
Compatible Devices	Monitor, Television
Maximum Supported Screen Size	42 Inches
Minimum Supported Screen Size	1 Inches
Weight Capacity	14 to 30 lbs (6.4 to 13.6 kg)
Horizontal Extension	21.7 inches
Vertical Lift	5 inches
Tilt Angle	80 Degrees (40° up / 40° down)
Rotation	90 Degrees (Portrait/Landscape)
VESA Compatibility	75x75mm, 100x100mm, 200x100mm, 200x200mm
Item Weight	4 Kilograms (approx. 8.8 lbs)

WARRANTY AND SUPPORT

Warranty Information

The Ergotron MX Single Monitor Arm is backed by a comprehensive **10-year warranty**. This warranty guarantees the product against defects in materials and workmanship under normal use and service conditions, reflecting Ergotron's commitment to quality and durability.

Customer Support

For technical assistance, questions regarding installation, or to initiate a warranty claim, please contact Ergotron customer support. Detailed contact information and additional resources can be found on the official Ergotron website.

Official Ergotron Website: www.ergotron.com