

Ergotron 24-191-085

Ergotron Neo-Flex Mobile MediaCenter VHD Instruction Manual

Model: 24-191-085

INTRODUCTION

The Ergotron Neo-Flex Mobile MediaCenter VHD is a versatile rolling computer cart designed to support heavy monitors or televisions up to 75 inches diagonal, weighing between 50 to 90 pounds. This cart provides effortless height adjustment, portrait-to-landscape rotation, and independent display tilt, making it suitable for various presentation and collaboration environments. Its robust design ensures stability and mobility for your display equipment.

SAFETY INFORMATION

- **Weight Capacity:** Do not exceed the maximum weight capacity of 90 lbs (40.8 kg) for the display. Overloading can cause instability and potential injury.
- **Stability:** Ensure the display is securely mounted and all fasteners are tightened before moving the cart.
- **Movement:** Always push the cart from the base or lower frame. Avoid pushing from the top of the display. Ensure the path is clear of obstacles.
- **Brakes:** Engage the wheel brakes when the cart is stationary to prevent accidental movement.
- **Children and Pets:** Keep children and pets away from the cart during assembly and operation.
- **Electrical Safety:** Route all cables safely to prevent tripping hazards. Do not overload power strips.

SETUP

Follow these steps for proper assembly and initial setup of your Neo-Flex Mobile MediaCenter VHD.

1. Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all parts are present according to the packing list (not provided in this manual, refer to your product's included documentation).

2. Base Assembly

Assemble the base components, ensuring the casters are securely attached. The casters allow for easy mobility and include locking mechanisms for stability.



Figure 1: The Ergotron Neo-Flex Mobile MediaCenter VHD cart, fully assembled without a display attached, showcasing its base, central column, and media shelf.

3. Display Mounting

Attach your monitor or TV to the VESA mounting plate. This cart supports large VESA patterns, any size within 100-600mm by 100-400mm. Ensure the display is centered and securely fastened using the provided hardware.

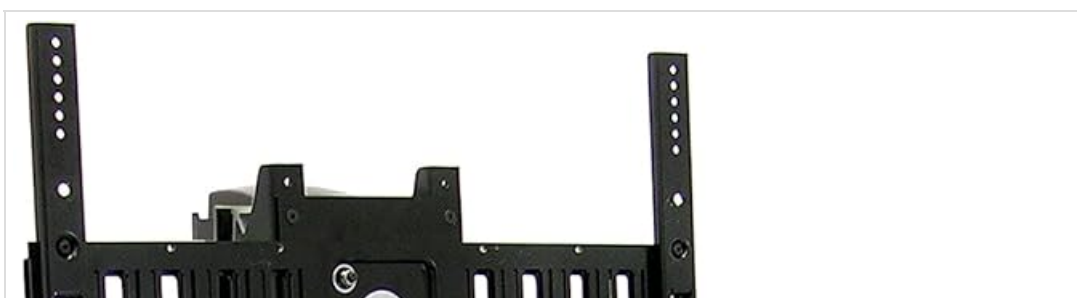




Figure 2: The mobile cart with a large monitor mounted, demonstrating the optional camera shelf accessory (sold separately) positioned above the display.





Figure 3: A monitor mounted on the cart, with a media device placed on the integrated shelf below the screen, illustrating how accessories can be stored.

4. Cable Management

Utilize the integrated cable management features along the central column to route and secure all power and video cables. This prevents tangles and reduces tripping hazards.



Figure 4: A hand demonstrating the use of the cart's integrated cable management system, routing cables neatly along the central column to maintain an organized setup.

OPERATING INSTRUCTIONS

This section details how to adjust and move your Neo-Flex Mobile MediaCenter VHD.

1. Height Adjustment

The cart features 20 inches (51 cm) of effortless height adjustment. Locate the height adjustment mechanism

(typically a lever or button) and gently raise or lower the display to your desired viewing height. Release the mechanism to lock the height in place.

2. Display Rotation (Portrait-to-Landscape)

To rotate the display, ensure there is sufficient clearance around the screen. Gently rotate the display 90 degrees to switch between portrait and landscape orientations. The mechanism is designed for smooth, controlled movement.

3. Display Tilt

The display can be tilted up to 20 degrees independently. Adjust the tilt mechanism to achieve the optimal viewing angle, reducing glare and improving visibility for various audience positions.

4. Moving the Cart

Before moving the cart, ensure all cables are clear and the display is securely positioned. Release the brakes on the casters. Push the cart from the base or lower frame to guide it to the desired location. The cart is designed to roll easily through doorways and can be nested with other carts for storage.



Figure 5: A person easily maneuvering the mobile cart, equipped with a large monitor, through a standard doorway, highlighting its mobility and compact design.



Figure 6: The mobile cart positioned in a meeting room, displaying content on its screen while individuals collaborate around a table, illustrating its use in professional settings.



Figure 7: An instructor presenting to a classroom using the mobile cart with a display, demonstrating its application in educational or training environments.

5. Locking Casters

Once the cart is in its desired position, engage the brakes on all casters to prevent unintended movement and ensure stability during use.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the surfaces of the cart. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all fasteners and connections to ensure they are tight and secure.
- **Caster Care:** Keep casters free of debris to ensure smooth rolling.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cart is difficult to move.	Caster brakes are engaged. Debris in casters.	Disengage all caster brakes. Clean any debris from the caster wheels.
Display feels unstable.	Mounting screws are loose. Display weight exceeds capacity.	Tighten all display mounting screws. Verify display weight is within 50-90 lbs (22.7-40.8 kg).
Height adjustment is stiff.	Mechanism requires lubrication or adjustment.	Refer to the full product manual for specific lubrication instructions or contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	24-191-085
Display Size Compatibility	Up to 75 inches diagonal
Weight Capacity	50 to 90 lbs (22.7 to 40.8 kg)
VESA Compatibility	100x100mm to 600x400mm
Height Adjustment	20 inches (51 cm)
Display Tilt	20 degrees independent tilt
Display Rotation	Portrait to Landscape
Item Weight	92.6 pounds (42 kg)
Material	Plastic (frame likely metal, but specification says plastic)
Color	Black
Mounting Type	Floor Mount

WARRANTY AND SUPPORT

The Ergotron Neo-Flex Mobile MediaCenter VHD comes with a **3-year warranty**, ensuring quality and reliability. For technical support, warranty claims, or additional product information, please visit the official Ergotron website or contact their customer service department.

You can find more information and support resources by visiting the [Ergotron Store on Amazon](#) or their official corporate website.

