

suptek ML55B

suptek ML55B Mobile TV Cart Instruction Manual

Model: ML55B | Brand: suptek

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the assembly, operation, and maintenance of your suptek ML55B Mobile TV Cart. This versatile cart is designed to accommodate 21-60 inch LCD, LED, and OLED flat or curved panel screens with VESA mounting patterns from 100x100mm to 400x400mm, supporting a maximum weight of 77lbs. It features adjustable height, tilt, and swivel functions, along with a removable laptop shelf and lockable wheels for enhanced mobility and stability.



2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before assembly and use. Failure to do so may result in property damage, serious injury, or death.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 77lbs for the TV mount and 22lbs for the laptop shelf.
- **TV Size:** Ensure your TV is within the recommended 21-60 inch size range.
- **VESA Compatibility:** Verify your TV's VESA pattern (distance between mounting holes) is between 100x100mm and 400x400mm.
- **Stability:** Always lock the wheels when the cart is stationary to prevent accidental movement. Avoid placing the cart on uneven surfaces.
- **Assembly:** Assemble the unit according to the instructions. Do not modify the product or use it for purposes other than intended.
- **Children:** Keep children away from the TV cart during assembly and ensure they do not climb on or play with the unit once assembled.

3. PACKAGE CONTENTS

Before beginning assembly, please verify that all parts listed below are present and undamaged. If any parts are missing or damaged, contact suptek customer service.

- 1 x TV Cart Frame
- 1 x Mounting Hardware Kit (various screws, washers, spacers)
- 1 x User Manual
- 1 x Laptop Shelf
- 4 x Lockable Wheels



Figure 2: All components included in the package.

4. ASSEMBLY AND SETUP

Assembly of the suptek ML55B Mobile TV Cart is designed to be straightforward and requires no drilling. Please follow these steps carefully. An installation video is also available for visual guidance.

1. **Attach Wheels to Base:** Securely attach the four lockable wheels to the base of the TV cart using the provided hardware. Ensure they are tightened for stability.
2. **Assemble Vertical Pole:** Connect the sections of the vertical pole. Ensure the internal cable management system is aligned if applicable.
3. **Attach TV Mounting Bracket:** Secure the TV mounting bracket to the top section of the vertical pole. This bracket is compatible with VESA patterns from 100x100mm to 400x400mm.
4. **Install Laptop Shelf:** Attach the removable laptop shelf to the desired height on the vertical pole. The shelf is designed for stability and heat dissipation.
5. **Mount TV:** Carefully attach your 21-60 inch TV to the mounting bracket using the appropriate screws and spacers from the hardware kit. Ensure the TV is centered and securely fastened.

For a visual guide, please refer to the official installation video:

Video 1: Installation of suptek Mobile TV Cart Model ML55B. This video demonstrates the step-by-step assembly process for the TV cart, including attaching the base, assembling the pole, mounting the TV bracket, and installing the laptop shelf.



Figure 3: Item dimensions and capacities for the ML55B TV Cart.

5. OPERATING INSTRUCTIONS

5.1 Height Adjustment

The TV height is adjustable up to a maximum of 48.62 inches. To adjust the height, loosen the securing mechanism on the vertical pole, slide the TV to the desired position, and then re-tighten the mechanism to secure it. The TV hook also offers 3 levels of height adjustment for fine-tuning.

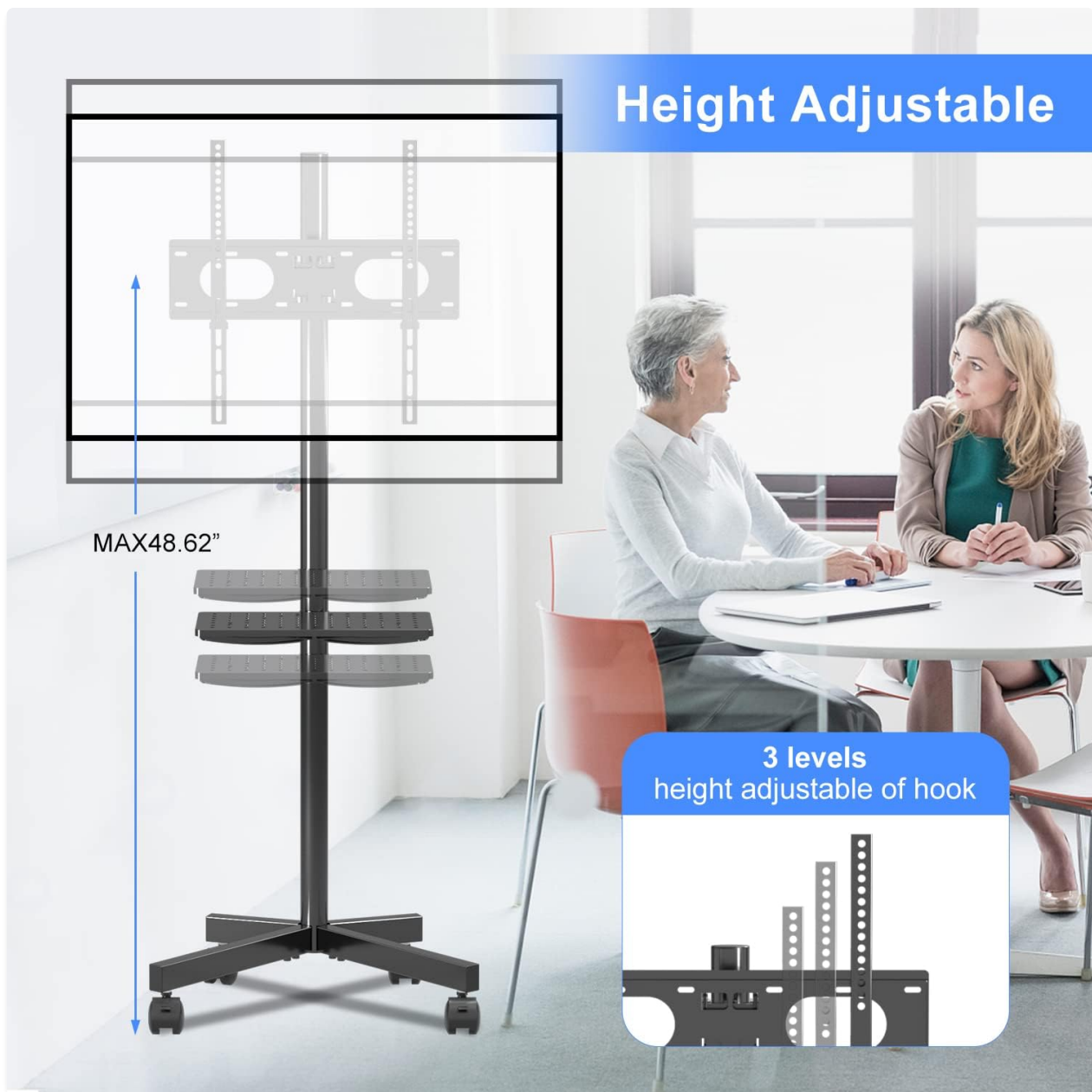


Figure 4: Illustration of the height adjustment mechanism.

5.2 Tilt and Swivel Adjustment

The TV mount allows for a 3° upward tilt and a 12° downward tilt, as well as a $\pm 70^\circ$ swivel. These adjustments provide optimal viewing angles for various positions (sitting, standing, or lying down). Loosen the tilt/swivel knobs on the mounting bracket, adjust the screen to your preferred angle, and then securely tighten the knobs.

Moveable and Lockable Wheels

Roll smoothly on hard floor and carpet.

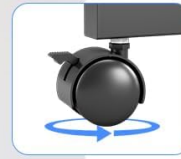


Figure 5: Demonstrating the swivel adjustment capability.

5.3 Laptop Shelf Usage

The removable steel laptop shelf can hold up to 22lbs and is ideal for holding laptops, media players, or other accessories. It features air holes for heat dissipation. Adjust its height by loosening the clamp on the vertical pole, moving the shelf, and re-tightening the clamp.



Figure 6: The laptop shelf with its features.

6. MOBILITY AND STABILITY

The suptek ML55B TV Cart is equipped with movable and lockable wheels, allowing it to roll smoothly on both hard floors and carpets without noise. To move the cart, unlock all four wheels. Once the cart is in the desired position, press down on the locking levers on each wheel to secure it in place, ensuring stability and preventing accidental movement.

Item Dimension

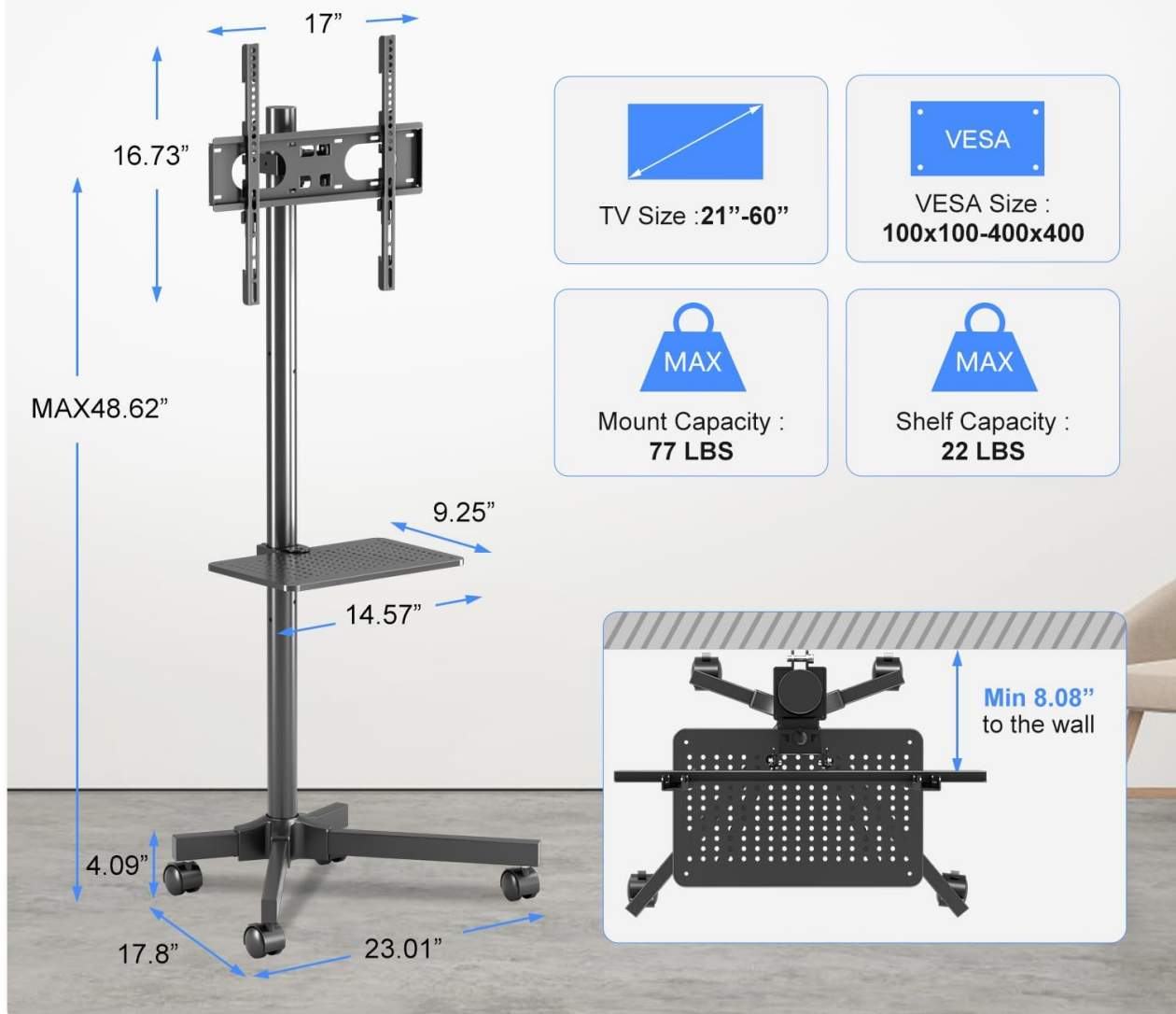


Figure 7: Demonstrating the movable and lockable wheels.

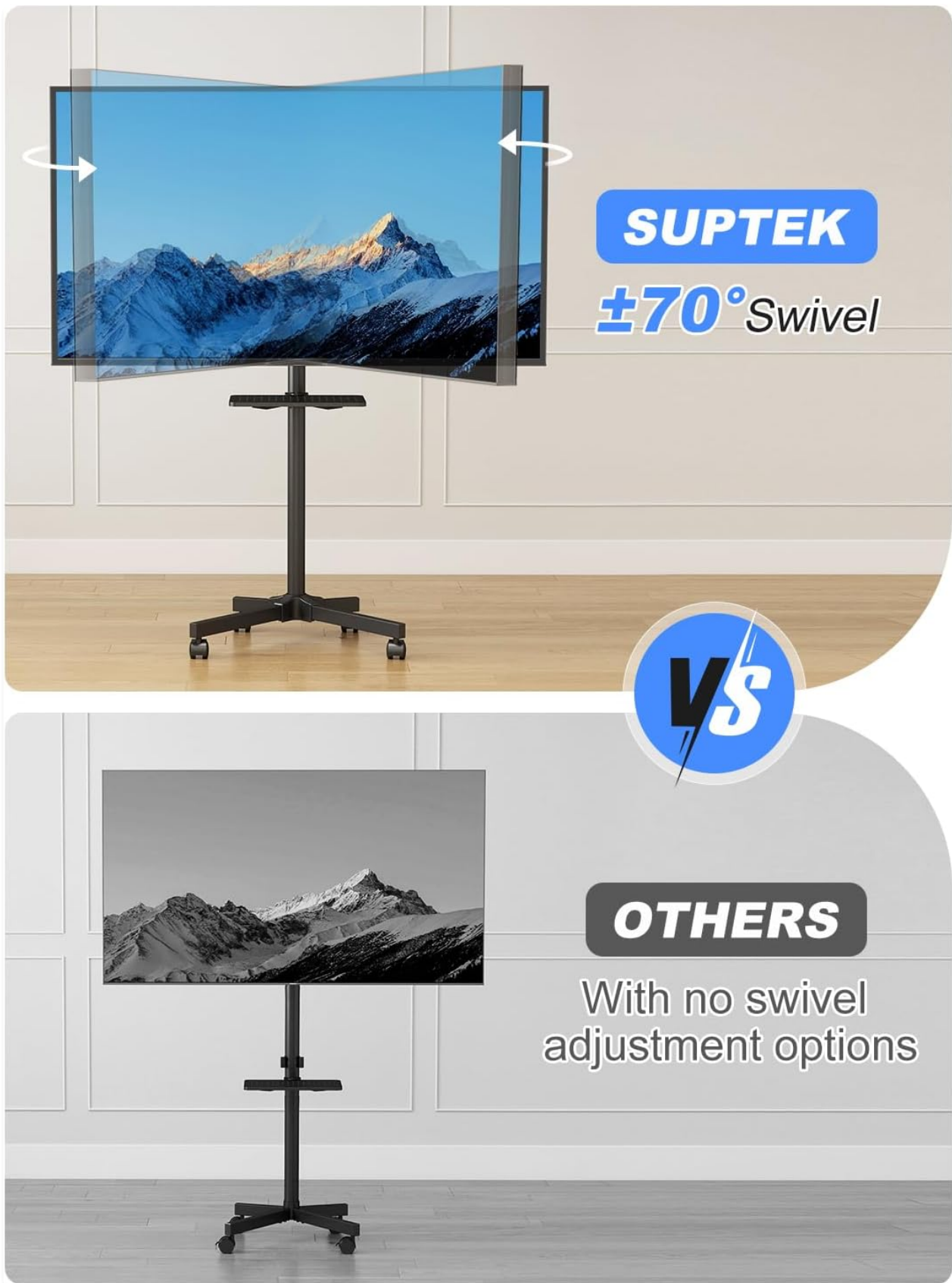


Figure 8: The TV cart's versatility in different environments.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the metal surfaces. Avoid abrasive cleaners or solvents.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight. Re-tighten if necessary.
- **Cables:** Ensure all cables are neatly managed and not pinched or strained.

8. TROUBLESHOOTING

- **TV feels unstable:** Ensure all mounting screws are securely tightened. Verify the TV's weight and VESA pattern are within the specified limits. Make sure the wheels are locked when stationary.
- **Difficulty moving the cart:** Check that all wheels are unlocked. Ensure no obstacles are impeding movement.
- **Tilt bracket not holding position:** Ensure the tilt adjustment knobs are fully tightened after setting the desired angle.

9. SPECIFICATIONS

Feature	Specification
Brand	suptek
Model	ML55B
TV Size Compatibility	21-60 inches
VESA Compatibility	100x100mm - 400x400mm
TV Mount Capacity	Up to 77 lbs (35 kg)
Laptop Shelf Capacity	Up to 22 lbs (10 kg)
Height Adjustment	Max 48.62 inches (123.5 cm)
Tilt Angle	3° Upward, 12° Downward
Swivel Angle	±70°
Movement Type	Tilt, Swivel, Freestanding Mount
Material	Alloy Steel
Color	Black
Item Weight	16.5 pounds (7.5 kg)

10. WARRANTY AND SUPPORT

The suptek ML55B Mobile TV Cart comes with a 5-year manufacturer warranty. For any questions, technical support, or warranty claims, please contact suptek customer service through their official website or the retailer where the product was purchased.