

Perlegear PGTVMC06/PGTVMC20

Perlegear Mobile TV Cart PGTVMC06/PGTVMC20 Instruction Manual

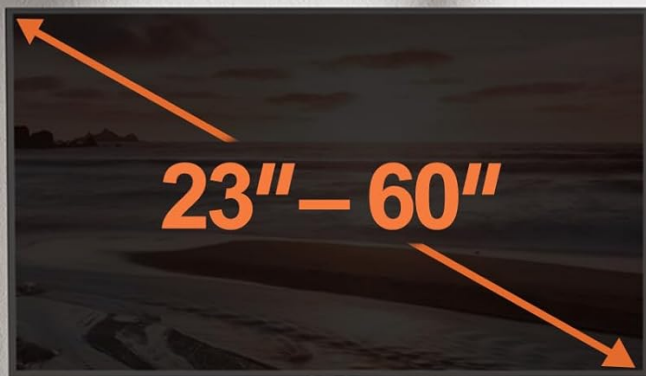
Model: PGTVMC06 / PGTVMC20

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Perlegear Mobile TV Cart, models PGTVMC06 and PGTVMC20. Please read this manual thoroughly before installation and use to ensure safe and correct operation. Keep this manual for future reference.

This mobile TV cart is designed to accommodate most LED, LCD, and OLED flat screen or curved TVs ranging from **23 to 60 inches**, with a maximum weight capacity of **88 lbs (40 kg)**. It supports VESA mounting patterns from **100x100mm to 400x400mm**.

Fits TVs up to 60"



88 lbs



Max: 400x400mm

Min: 100x100mm



Image 1.1: TV size, weight, and VESA compatibility overview.

2. SAFETY INFORMATION

- **Read all instructions** before assembly and use. If you have any questions, contact customer support.
- **Do not exceed the weight capacity** of 88 lbs (40 kg). Exceeding this limit may result in serious injury or property damage.
- Ensure the TV's VESA pattern and weight are within the specified limits before attempting installation.
- **Do not allow children to climb** on the TV cart or play with its components.
- **Use safety gear** during assembly, such as safety glasses.
- **Tighten all screws firmly** but do not overtighten. Overtightening can damage components.
- **Check all connections** periodically to ensure they remain secure.
- **Do not move the cart over uneven surfaces** or obstacles, as this may cause the cart to tip over.
- **Lock the casters** when the cart is in a stationary position to prevent accidental movement.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged. If any parts are missing or damaged, contact Perlegear customer service for assistance. While specific part numbers may vary, your package should generally include:

- Base assembly
- Support column/pole
- TV mounting brackets
- Media shelf (if applicable)
- Casters (wheels)
- Power outlet unit (for PGTVMC20)
- Assorted hardware (screws, washers, spacers, wrenches)

4. SETUP AND ASSEMBLY

Follow these general steps for assembling your mobile TV cart. Refer to the included assembly diagram for specific hardware and step-by-step visuals.

1. **Attach Casters to the Base:** Securely fasten the casters to the bottom of the base using the provided hardware. Ensure locking casters are positioned for easy access.
2. **Assemble Base and Support Column:** Connect the support column to the base. Ensure all bolts are tightened to provide a stable foundation.
3. **Install Media Shelf (Optional):** If your model includes a media shelf, attach it to the support column at your desired height.
4. **Attach TV Mounting Brackets to TV:** Secure the TV mounting brackets to the back of your television using the appropriate screws, washers, and spacers for your TV's VESA pattern.
5. **Mount TV to Support Column:** Carefully lift the TV and hook the mounting brackets onto the support column's TV plate. Secure the TV in place using the safety screws or locking mechanisms.
6. **Adjust TV Height:** The TV bracket offers **3 height settings**, adjustable in **2.17-inch increments**. The maximum TV height from the floor can reach approximately **60.43 inches**, and the minimum is approximately **56.1 inches**. Adjust to your preferred viewing height before finalizing the setup.

3 Bracket Height Settings



Image 4.1: TV bracket height adjustment options.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Viewing Angle

Your TV cart allows for flexible viewing angle adjustments:

- **Tilt:** The TV can be tilted from **-10° (downward) to +15° (upward)** to reduce glare and optimize your viewing experience. Loosen the tilt knobs on the TV brackets, adjust to the desired angle, and then retighten the knobs securely.
- **Swivel:** The TV can be swiveled **±35° (left or right)** to direct the screen towards different areas of a room. Gently push the TV to the desired swivel angle.
- **Leveling:** The TV can be leveled by **+3°/-3°** to correct any slight horizontal misalignment after installation.

Tilt for a Better View



Image 5.1: TV tilt adjustment range.

CUSTOMIZABLE VIEWING

Maximize Your Comfort



Image 5.2: Customizable viewing with swivel and tilt options.

5.2 Mobility

The integrated casters allow you to easily move the TV cart to different locations. Unlock the casters before moving and lock them once the cart is in its desired position to ensure stability.

Roll Your TV Anywhere



Image 5.3: Demonstrating the ease of moving the TV cart.

The design features **hidden casters** for a cleaner aesthetic, maintaining stability while allowing for easy movement without obstruction.

HIDDEN CASTERS CREATE A CLEANER AESTHETIC

Where Stability Meets Easy Mobility



Image 5.4: Hidden casters for a streamlined appearance and mobility.

5.3 Built-in Power Outlet (PGTVMC20)

The PGTVMC20 model includes a built-in power outlet for convenient device charging and power supply. It features:

- **2 USB Ports** (5V/2.1A)
- **3 AC Outlets** (120V/12A)
- **A 6.5 ft power cord**

This allows you to power your TV and other electronic devices directly from the stand, reducing cable clutter.



Image 5.5: Integrated power outlet for devices.

6. MAINTENANCE

- **Cleaning:** Wipe the cart with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Check Connections:** Periodically inspect all screws and bolts to ensure they are tight and secure. Retighten if necessary.
- **Caster Functionality:** Keep casters free of debris to ensure smooth movement.

7. TROUBLESHOOTING

- **Cart is unstable:** Ensure all assembly screws are tightened. Verify the TV weight and size are within specifications. Ensure casters are locked when stationary.
- **Difficulty moving the cart:** Check if casters are unlocked. Clean any debris from the caster wheels.
- **TV is not level:** Use the leveling adjustment feature (+3°/-3°) on the TV brackets. Ensure the floor surface is even.

- **Power outlets not working:** Check if the cart's main power cord is securely plugged into a working wall outlet. Ensure devices are properly connected to the cart's outlets.

8. SPECIFICATIONS

Feature	Specification
Compatible TV Sizes	23 - 60 inches
Maximum TV Weight	88 lbs (40 kg)
VESA Compatibility	100x100mm to 400x400mm
Tilt Adjustment	-10° to +15°
Swivel Adjustment	±35°
Leveling Adjustment	±3°
Height Adjustment	3 settings, 2.17" increments (Min 56.1", Max 60.43")
Power Outlet (PGTVMC20)	2 USB (5V/2.1A), 3 AC (120V/12A), 6.5 ft cord
Base Dimensions	17.72" (width) x 23.62" (depth)

PRODUCT DIMENSIONS



Image 8.1: Product dimensions and compatibility overview.

9. WARRANTY AND SUPPORT

Perlegear products are designed for durability and performance. For warranty information, technical support, or if you encounter any issues not covered in this manual, please contact Perlegear customer service. You can typically find contact details on the Perlegear official website or through your purchase platform.

Please have your model number (PGTVMC06/PGTVMC20) and purchase information ready when contacting support.