

## Brateck PLB-42-BLK-237

# Brateck PLB-42-BLK-237 Ultra-Slim Tilting TV Wall Mount Instruction Manual

Model: PLB-42-BLK-237

## 1. PRODUCT OVERVIEW

The Brateck PLB-42-BLK-237 is an ultra-slim, angle-adjustable wall mount bracket designed for LCD and Plasma televisions. This mount positions your television approximately 1.81 inches from the wall when the mounting arms are parallel. It is compatible with most 23-inch to 37-inch flat panel screens, supporting a maximum weight of 165 lbs. Key features include a built-in leveling bubble for accurate installation and support for VESA mounting patterns up to 420x230. Constructed from toughened steel with a durable, scratch-resistant black finish, this mount is suitable for various installations including home theaters, boardrooms, and digital signage.

- Color: Black
- Universal fit for most 23" to 37" LCD and Plasma TVs
- Tilt Feature: -10° Degree Variable Downward Tilt
- Maximum Weight Capacity: 165 lbs
- High-quality construction for home or office use



Figure 1: Front view of the Brateck PLB-42-BLK-237 Ultra-Slim Tilting TV Wall Mount, showcasing its robust black metal construction and integrated leveling bubble.

## 2. SAFETY INFORMATION

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Please read these instructions carefully before installation. If you do not understand these instructions or have doubts about the safety of the installation, please consult a qualified installer. The manufacturer is not responsible for damage or injury caused by incorrect mounting, incorrect assembly, or incorrect use.

- Ensure the mounting surface can safely support the combined weight of the mount and the display.
- Do not exceed the maximum weight capacity of 165 lbs (75 kg).
- Use only the provided mounting hardware. If you are unsure about the type of wall, consult a professional.
- Always have at least two people for installation to prevent injury or damage.
- Keep children and pets away during installation.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation. The package typically includes:

- Wall Plate Assembly
- TV Bracket Arms (2x)
- Assorted Screws, Washers, and Spacers for TV attachment
- Wall Mounting Hardware (e.g., lag bolts, concrete anchors)
- Instruction Manual



Figure 2: A closer view of the wall mount components, including the main wall plate and the two vertical TV bracket arms, ready for assembly.

## 4. SETUP AND INSTALLATION

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### 4.1 Pre-Installation Checks

- **TV Compatibility:** Ensure your TV's VESA mounting pattern (horizontal x vertical hole spacing) is within the mount's supported range (up to 420x230 mm). Mounting holes on the television should be 16.5 inches (420 mm) or less apart horizontally and 9.5 inches (230 mm) or less apart vertically.
- **Weight Capacity:** Confirm your TV's weight does not exceed 165 lbs (75 kg).
- **Wall Type:** This mount is designed for installation on wood studs or solid concrete/brick walls. Do not install on drywall alone.

### 4.2 Mounting the Wall Plate

1. **Locate Studs/Mark Holes:** For wood stud installation, use a stud finder to locate the center of two adjacent studs. For concrete/brick, mark the desired drill points. The wall plate itself measures 18 inches wide by 8 inches high.
2. **Drill Pilot Holes:** Drill pilot holes at the marked locations. For wood studs, use a 3/16 inch (4.5 mm) drill bit. For concrete/brick, use a 3/8 inch (10 mm) masonry drill bit and insert concrete anchors.
3. **Attach Wall Plate:** Position the wall plate over the pilot holes and secure it using the provided lag bolts and washers. Tighten all bolts firmly, but do not overtighten. Use the built-in leveling bubble to ensure the wall plate is perfectly horizontal before final tightening.

### 4.3 Attaching Brackets to TV

1. **Select Screws:** Choose the appropriate diameter and length of screws from the provided hardware that fit your TV's mounting holes. Use washers if necessary to prevent damage to the TV.
2. **Attach Brackets:** Carefully attach the two TV bracket arms to the back of your television, aligning them with the VESA mounting holes. Ensure the hooks on the bracket arms are facing downwards and towards the bottom of the TV. Tighten the screws securely.

### 4.4 Mounting TV to Wall Plate

1. **Lift TV:** With assistance, carefully lift the television with the attached brackets.
2. **Hook onto Wall Plate:** Align the hooks on the TV bracket arms with the top edge of the wall plate. Gently lower the TV, ensuring both bracket arms securely engage with the wall plate.

3. **Secure TV:** Locate the safety screws or locking mechanisms on the bottom of the TV bracket arms. Tighten these to prevent the TV from accidentally lifting off the wall plate.

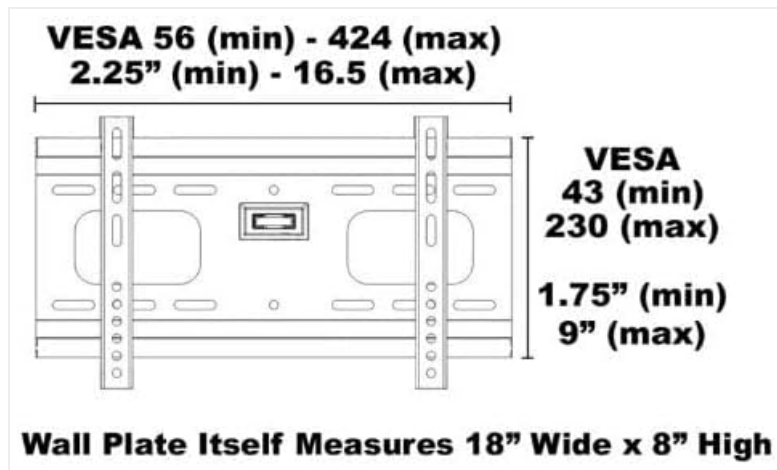


Figure 3: Technical drawing illustrating the VESA compatibility ranges (min/max) and the dimensions of the wall plate for the Bateck PLB-42-BLK-237 mount.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Adjusting Tilt Angle

The Bateck PLB-42-BLK-237 mount allows for a variable downward tilt of up to 10 degrees. To adjust the tilt:

1. **Loosen Tilt Knobs:** Locate the tilt adjustment knobs or bolts on the side of the TV bracket arms. Loosen them slightly.
2. **Adjust Angle:** Gently tilt the bottom of the television forward or backward to achieve the desired viewing angle.
3. **Tighten Tilt Knobs:** Once the desired angle is set, firmly tighten the tilt adjustment knobs or bolts to secure the television in place. Ensure both sides are tightened equally.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your TV wall mount.

- **Cleaning:** Wipe the mount with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and bolts to ensure they remain tight. Re-tighten if necessary.
- **Inspect for Damage:** Inspect the mount for any signs of wear, corrosion, or damage. If any damage is found, discontinue use and contact customer support.

## 7. TROUBLESHOOTING

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- **TV is not level:**

Ensure the wall plate was installed level using the built-in bubble level. If the wall plate is level, check if the TV bracket arms are securely and evenly attached to the TV. Some mounts allow for minor post-installation leveling adjustments on the TV brackets.

- **TV is sagging or feels unstable:**

Verify that all wall mounting bolts and TV attachment screws are securely tightened. Confirm that

the TV's weight does not exceed the mount's maximum capacity (165 lbs). Ensure the wall structure is adequate to support the weight.

- **Difficulty adjusting tilt:**

Ensure the tilt adjustment knobs or bolts are sufficiently loosened before attempting to adjust the angle. Do not force the mechanism. If still stiff, check for any obstructions.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Brateck
Model Number	PLB-42-BLK-237
Mounting Type	Tilt
Movement Type	Tilt
Material	Alloy Steel
Color	Black
Compatible Devices	Television (23" to 37" LCD/Plasma)
Maximum Weight Capacity	165 lbs (75 kg)
Maximum Tilt Angle	10 Degrees (Downward)
Distance from Wall	1.81 inches (approx.)
VESA Compatibility	Up to 420x230 mm (16.5" horizontal x 9.5" vertical)
Item Weight	6 pounds (2.72 kg)
Date First Available	December 15, 2010

## 9. WARRANTY INFORMATION

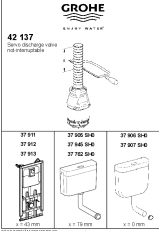

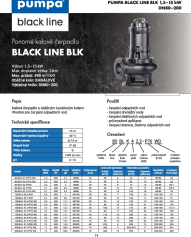
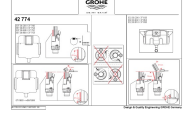
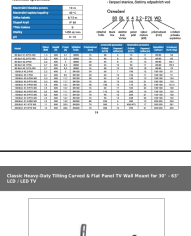

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Brateck products are manufactured to high-quality standards. This product comes with a limited warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or visit the official Brateck website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase.

## 10. CUSTOMER SUPPORT

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If you have any questions regarding the installation, operation, or maintenance of your Brateck PLB-42-BLK-237 TV Wall Mount, please contact Brateck customer support. Contact information can typically be found on the product packaging or the official Brateck website. Please have your model number (PLB-42-BLK-237) ready when contacting support.

	<p><a href="#">GROHE 42 137 Servo Discharge Valve - Installation and Model Information</a></p> <p>This document provides information on the GROHE 42 137 Servo Discharge Valve, including model numbers, dimensions, and visual representations of different configurations. It details various servo discharge valve models and their associated installation dimensions.</p>
	<p><a href="#">BJÖRKSTA Picture Frame Assembly Instructions   IKEA</a></p> <p>Step-by-step assembly instructions for the IKEA BJÖRKSTA picture frame, including mounting guidance and material information.</p>
	<p><a href="#">PUMPA BLACK LINE BLK Submersible Vortex Impeller Pumps - Technical Specifications and Dimensions</a></p> <p>Detailed technical specifications, dimensions, and material composition for the PUMPA BLACK LINE BLK series of submersible vortex impeller pumps. Covers models from 1.5 kW to 15 kW, suitable for wastewater and industrial applications.</p>
	<p><a href="#">Grohe 42 774 Dual-Flush Discharge Valve Installation and Technical Information</a></p> <p>This document provides technical specifications, installation diagrams, and part numbers for the Grohe 42 774 dual-flush discharge valve. It details dimensions and assembly steps for various compatible Grohe cistern models.</p>
	<p><a href="#">PUMPA BLACK LINE BLK: Ponorná kalová čerpadla – Technické specifikace a výkon</a></p> <p>Prozkoumejte technické specifikace, výkonnostní křivky a rozměry ponorných kalových čerpadel PUMPA BLACK LINE BLK. Ideální pro odpadní vody a průmyslové aplikace.</p>
	<p><a href="#">Classic Heavy-Duty Tilting TV Wall Mount for 30"-63" LCD/LED TVs - PLB-14</a></p> <p>Detailed specifications and overview for the Classic Heavy-Duty Tilting TV Wall Mount (Model PLB-14), designed for 30"-63" LCD/LED TVs up to 75kg. Features easy installation, VESA compatibility, and UL/GS approval.</p>