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ONKRON STE311-B

ONKRON STE311-B Full Motion TV Wall Mount User Manual

Model: STE311-B

Introduction

This user manual provides detailed instructions for the installation, operation, and maintenance of your ONKRON STE311-B Full Motion TV Wall Mount. Please read this manual thoroughly before installation to ensure safe and correct usage. Keep this manual for future reference.
The ONKRON STE311-B is designed for 10-32 inch flat and curved screens, supporting weights up to 33 lbs. It features full motion capabilities including 360° rotation, 180° swivel, and ±20° tilt, offering optimal viewing angles.

Safety Information

WARNING: Failure to read and follow all instructions can result in personal injury or damage to the product and property. If you do not understand these instructions, or have doubts about the safety of the installation, please contact a qualified installer.

- Do not exceed the maximum load capacity of 33 lbs (15 kg).
- This mount is designed for installation on solid concrete walls, brick walls, or wood stud walls. Do not install on drywall alone.
- Ensure the mounting surface can safely support the combined weight of the equipment and all attached hardware.
- Use only the provided mounting hardware. Do not use power tools to tighten screws excessively.
- Always have two people for installation to prevent injury or damage.
- Check all connections periodically to ensure they remain secure.

Package Contents

Verify that all components are present and undamaged before installation. If any parts are missing or defective, contact ONKRON customer support.

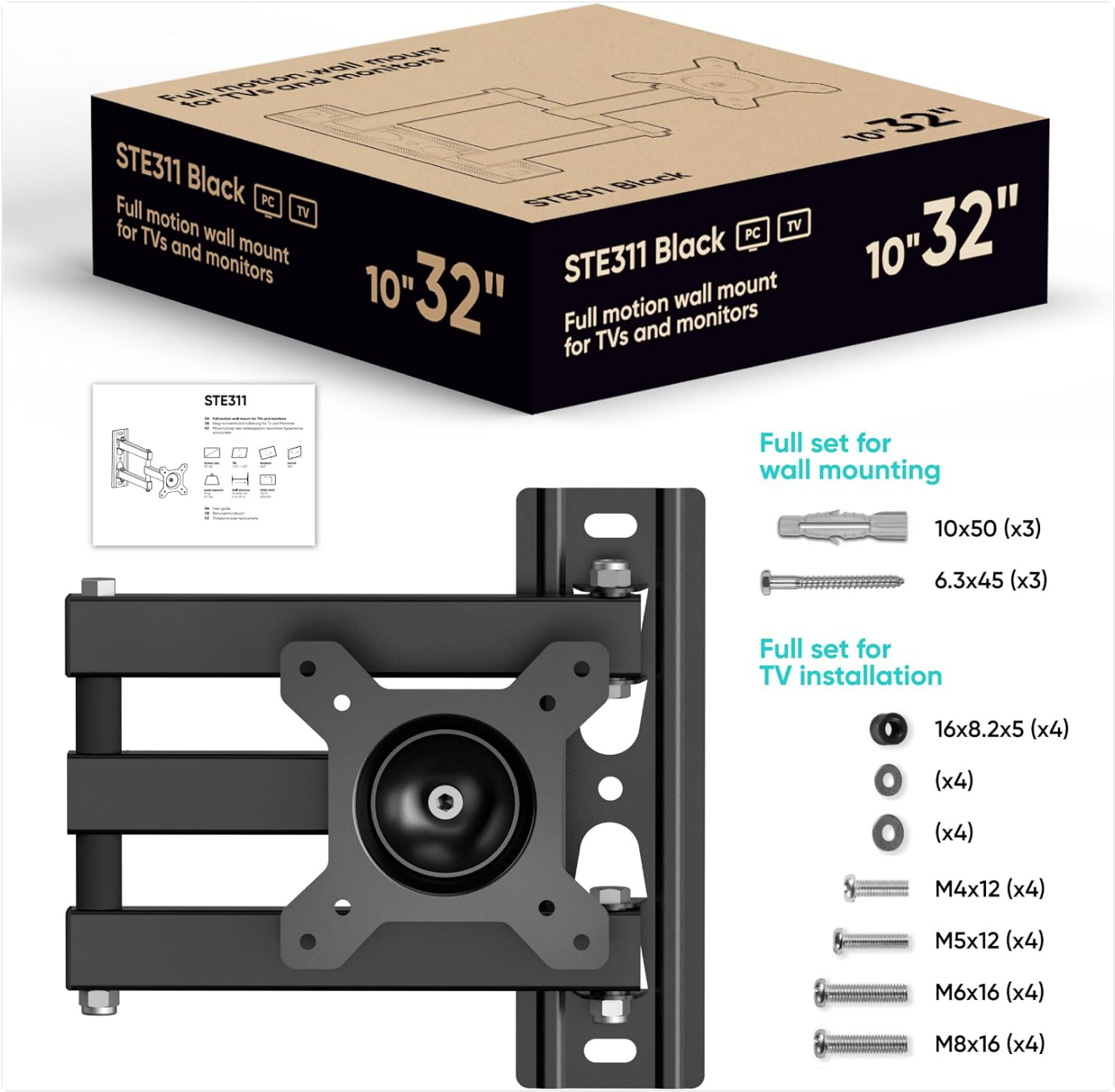


Image: Complete set of components for the ONKRON STE311-B wall mount, including the main mount, wall fasteners (10x50, 6.3x45), and TV installation hardware (washers, M4x12, M5x12, M6x16, M8x16 screws).

Parts List:

- Wall Mount Assembly (1)
- Wall Anchors 10x50 (3)
- Lag Screws 6.3x45 (3)
- Washers 16x8.2x5 (4)
- M4x12 Screws (4)
- M5x12 Screws (4)
- M6x16 Screws (4)
- M8x16 Screws (4)
- Instruction Manual (1)

Setup and Installation

Before beginning, ensure you have the necessary tools: drill, stud finder (for wood studs), level, pencil, and Phillips head screwdriver.

Step 1: Determine Mounting Location

Choose a location on a solid wall (concrete, brick) or a wall with wood studs. Use a stud finder to locate the center of the wood studs if applicable. Ensure the chosen location allows for the desired viewing angles and movement of the mount.



Image: The mount supports screens from 10 to 32 inches and a maximum load of 33 lbs (15 kg).

Step 2: Mark and Drill Pilot Holes

Hold the wall plate of the mount against the wall at the desired height and use a level to ensure it is straight. Mark the three drilling points with a pencil. Drill pilot holes according to the type of wall:

- **For Wood Studs:** Drill 5.5mm (7/32") diameter holes, 50mm (2") deep.
- **For Concrete/Brick Walls:** Drill 10mm (3/8") diameter holes, 60mm (2.4") deep. Insert wall anchors into the holes.

Step 3: Attach Wall Plate to Wall

Align the wall plate with the drilled holes. Secure the wall plate to the wall using the lag screws (6.3x45) and washers. Tighten firmly, but do not overtighten.

Step 4: Attach VESA Plate to TV/Monitor

Select the appropriate M4, M5, M6, or M8 screws that fit your TV's VESA mounting holes (75x75mm or 100x100mm). Attach the VESA plate to the back of your TV/monitor. Ensure the screws are tightened securely.

Step 5: Mount TV/Monitor to Wall Arm

Carefully lift the TV/monitor with the attached VESA plate and align it with the arm of the wall mount. Slide the VESA plate onto the arm and secure it with the provided locking mechanism or screws, as per the mount's design. Ensure the TV is securely seated before releasing.

Operating and Adjustments

The ONKRON STE311-B offers a range of adjustments for optimal viewing.

Swivel Adjustment

The mount allows for a 180° swivel motion, enabling you to turn your screen left or right to achieve the perfect viewing angle from different positions in the room.



Image: The mount allows for 180° swivel adjustment.

Tilt Adjustment

Adjust the screen vertically with a tilt range of +20° to -20°. This is useful for reducing glare or optimizing viewing from different heights.



Image: The mount offers a tilt range from +20° to -20°.

Rotation (Portrait/Landscape)

The unique 360° rotation feature allows you to easily switch your screen between landscape and portrait orientations, ideal for specific content viewing or professional applications.



Image: The mount supports 360° screen rotation.

Extension from Wall

The mount can extend from the wall from 2.75 inches (7 cm) up to 15.75 inches (40 cm), providing flexibility for various room layouts and viewing distances.



Image: The mount extends from 2.75" to 15.75" from the wall, suitable for PC monitors.

Maintenance

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

- **Cleaning:** Wipe the mount with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Check Connections:** Periodically (e.g., every 6 months) check all screws and bolts to ensure they are securely tightened. Loose connections can lead to instability.
- **Lubrication:** The moving parts are designed for smooth operation and generally do not require lubrication. If movement becomes stiff, contact customer support.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Mount feels unstable or wobbly.	Loose mounting screws or incorrect wall type.	Ensure all wall and TV attachment screws are securely tightened. Verify installation on a suitable wall type (wood stud, concrete, brick). Do not exceed weight capacity.
Difficulty adjusting swivel or tilt.	Joints are too tight or weight imbalance.	Check if any adjustment bolts are overtightened. Ensure the TV is centered on the VESA plate.
TV not level after installation.	Wall plate not level during installation.	Remove TV, loosen wall plate screws slightly, adjust with a level, and re-tighten. Some mounts have fine-tuning leveling adjustments; consult the specific mechanism if available.

Specifications

- **Model:** STE311-B
- **Screen Size Compatibility:** 10 - 32 inches
- **Weight Capacity:** Up to 33 lbs (15 kg)
- **VESA Compatibility:** 75x75mm, 100x100mm
- **Tilt Angle:** +20° to -20°
- **Swivel Angle:** 180°
- **Rotation:** 360° (Landscape to Portrait)
- **Distance from Wall:** 2.75" - 15.75" (7 cm - 40 cm)
- **Material:** Alloy Steel
- **Color:** Black

Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please visit the official ONKRON website or contact their customer service directly. Specific warranty terms may vary by region and purchase date.
ONKRON Official Website: Visit ONKRON Store on Amazon

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