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ONKRON M4

ONKRON Full Motion TV Wall Mount M4 Instruction Manual

Model: M4

1. Introduction

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your ONKRON Full Motion TV Wall Mount M4. Please read this manual thoroughly before installation and retain it for future reference. Proper installation is crucial for the safety and performance of your television and the mount.

2. Safety Information

Failure to follow these safety instructions may result in property damage, serious injury, or death. If you do not understand these instructions or have doubts about the safety of the installation, please contact ONKRON customer support or a qualified installer.

- **Read All Instructions:** Ensure you understand all assembly and installation instructions before proceeding.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 90.4 lbs (41 kg). This mount is designed for TVs between 32 and 65 inches.
- **Wall Type:** This mount is designed for installation into solid wood studs. Do not install on drywall alone. Ensure the mounting surface can safely support the combined weight of the mount and the television.
- **Tools:** Use appropriate tools for installation. Power tools should be used with caution.
- **Assembly:** Assemble the mount according to the instructions. Do not modify the mount or use it for any purpose not expressly specified by the manufacturer.
- **Children:** Keep children away from the installation area. Small parts may be a choking hazard.
- **Personal Protective Equipment:** Wear appropriate safety gear, such as safety glasses, during installation.

3. Package Contents

Verify all components are present and undamaged before beginning installation. If any parts are missing or damaged,

contact ONKRON customer support immediately.



Image: Overview of the ONKRON M4 TV Wall Mount package contents, including the main mount assembly, wall mounting kit, and TV mounting kit.

3.1. Wall Mounting Kit

- Lag Bolts (M7x80) x4
- Concrete Anchors (10x70x60) x4 (for concrete wall installation, not wood studs)
- Wall Plate Template x1

3.2. TV Mounting Kit

- Spacers (Ø17xØ8.2x5mm) x4
- Spacers (Ø17xØ8.2x12mm) x4
- Washers (Ø6mm) x4
- TV Screws (M4x25) x4

- TV Screws (M5x25) x4
- TV Screws (M6x25) x4
- TV Screws (M8x25) x4
- TV Screws (M8x50) x4
- Hex Key (S5) x1
- Wrench x1

3.3. Mount Assembly

- Wall Plate with Articulating Arms x1
- VESA Plate x1
- Cable Management Clips x3
- Decorative Covers x2

4. Specifications

Feature	Specification
Compatible Screen Sizes	32 - 65 inches
Weight Capacity	Up to 90.4 lbs (41 kg)
VESA Compatibility	100x100mm to 400x400mm
Tilt Angle	+5° to -15°
Swivel Angle	Up to 180° (screen size dependent)
Screen Rotation	90° (Landscape to Portrait)
Wall Distance (Min-Max)	2.36 inches (60mm) - 19.5 inches (495mm)
Material	Alloy Steel
Color	Black

5. Setup and Installation

5.1. Before You Begin

- **Check Wall Type:** Ensure your wall is suitable for mounting. This mount is designed for wood stud installation. For concrete or brick walls, appropriate anchors (included) and tools are required.
- **Locate Studs:** Use a stud finder to accurately locate the center of a wood stud.
- **Gather Tools:** You will need a drill, level, pencil, tape measure, and a Phillips head screwdriver.

5.2. Step 1: Attach VESA Plate to TV

1. Carefully place your TV face down on a soft, clean surface to prevent screen damage.
2. Identify the VESA mounting holes on the back of your TV.
3. Select the appropriate screws (M4, M5, M6, or M8) and spacers from the TV Mounting Kit that fit your TV's VESA holes.

4. Attach the VESA plate to the back of your TV using the selected screws and spacers. Ensure the plate is securely fastened but do not overtighten.

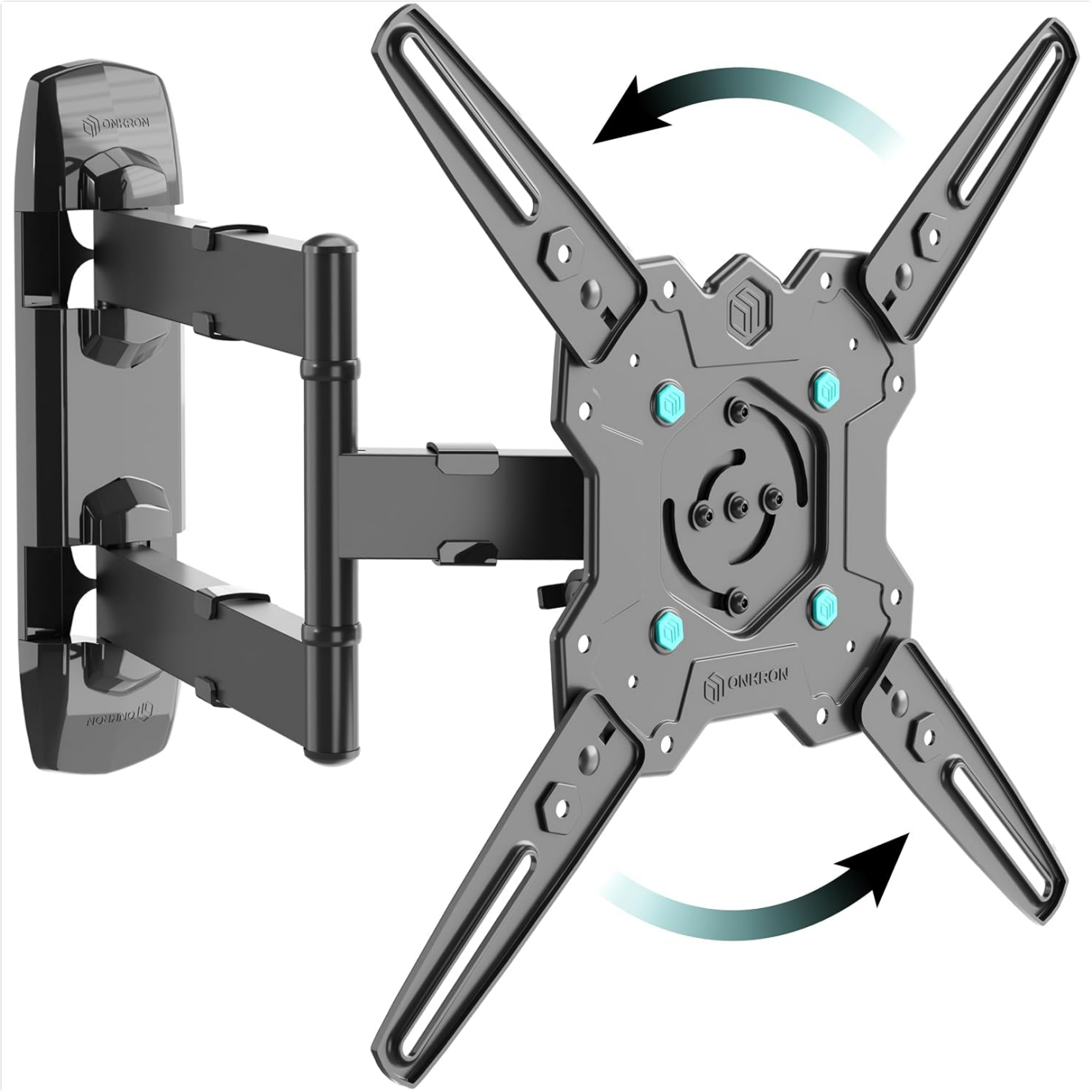


Image: The ONKRON M4 Full Motion TV Wall Mount with its VESA plate, ready to be attached to a television. Arrows indicate the 90-degree rotation capability.



Image: A detailed view of the TV mount's VESA plate securely attached to the back of a television, highlighting the universal VESA compatibility and integrated cable management features.

5.3. Step 2: Mark Wall Mounting Position

1. Determine the desired height for your TV.
2. Use the provided wall plate template to mark the drill holes on the wall, ensuring it is centered on the wood stud and perfectly level.

5.4. Step 3: Install Wall Plate

1. Drill pilot holes at the marked locations. For wood studs, use a drill bit slightly smaller than the lag bolts.
2. Position the wall plate over the pilot holes.
3. Secure the wall plate to the wood stud using the four M7x80 lag bolts. Tighten them firmly with the provided wrench, but do not overtighten.
4. **Important: Do not install on drywall alone. The mount must be secured into a structural support like a wood stud.**

SWIVEL ANGLE

for different screen sizes

Model	Screen size				
	<40"	43"	50"	55"	65"
M4	±90°	±82°	±60°	±52°	±42°
M4S	±90°	±82°	-	-	-
M4R	**±90°**	**±82°**	**±60°**	**±52°**	**±42°**
M4SR	±90°	±82°	-	-	-

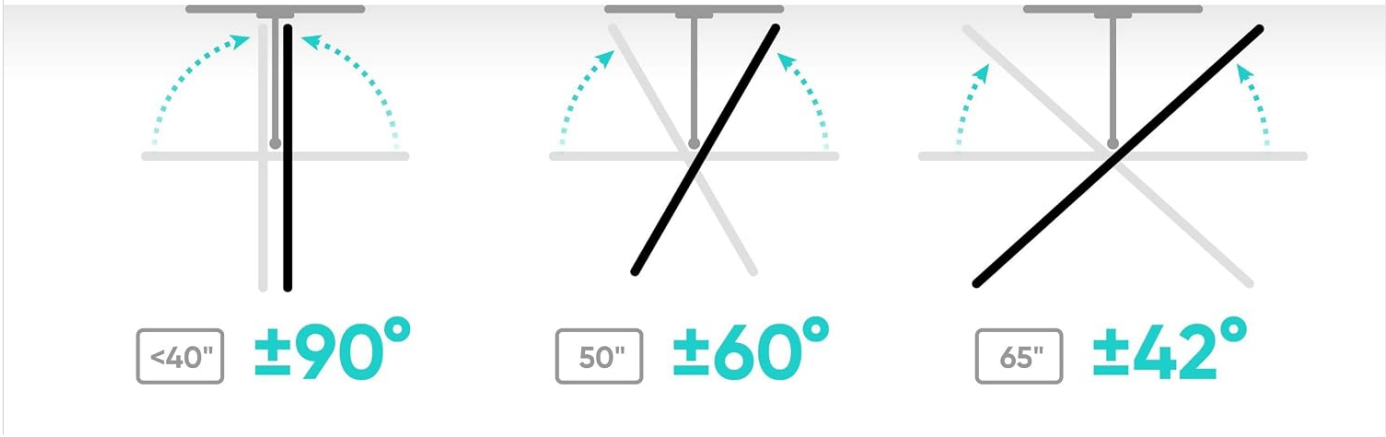


Image: A close-up view of the wall plate being securely mounted to a single wood stud, illustrating the proper installation method for stability.



Image: The ONKRON M4 TV mount fully extended from the wall, demonstrating its maximum reach and articulation capabilities for flexible viewing angles.

5.5. Step 4: Hang TV on Wall Plate

1. With assistance, carefully lift the TV (with the attached VESA plate) and hook it onto the wall plate.
2. Ensure the TV is securely seated on the wall plate.
3. Install any safety screws or locking mechanisms (if applicable) to prevent accidental dislodgement.
4. Route your cables through the integrated cable management clips on the articulating arms for a neat appearance.

6. Operating Instructions

6.1. Adjusting Swivel

The full motion design allows you to pivot your TV left or right. Gently pull the TV away from the wall and rotate it to achieve your desired viewing angle. The mount offers up to 180° of swivel, though the actual range may vary depending

on your TV's size and its distance from the wall.



Image: A person in a kitchen setting, demonstrating how the 180-degree swivel feature of the TV mount allows for comfortable viewing from multiple angles within a room.



Image: A chart illustrating the maximum swivel angles for different TV screen sizes (e.g., <40" = ±90°, 50" = ±60°, 65" = ±42°), providing guidance on viewing flexibility.

6.2. Adjusting Tilt

To reduce glare or optimize your viewing experience, you can tilt the TV. The mount allows for a tilt range of +5° (upwards) to -15° (downwards). Loosen the tilt adjustment knobs on the VESA plate, adjust the screen to the desired angle, and then firmly tighten the knobs to secure the position.



Image: A television screen demonstrating its tilt capabilities, showing an upward tilt of +5 degrees and a downward tilt of -15 degrees, allowing for glare reduction and optimal viewing.

6.3. Rotating Screen (Landscape to Portrait)

This mount features a 90° screen rotation, allowing you to switch your TV between traditional landscape and portrait orientations. Gently rotate the TV clockwise or counter-clockwise until it locks into the desired position. This feature is ideal for displaying vertical content or for unique room layouts.



Image: A television screen rotating 90 degrees from a landscape orientation to a portrait orientation, illustrating the mount's ability to switch viewing modes.

6.4. Cable Management

Utilize the integrated cable management clips located on the articulating arms to route and secure your TV and power cables. This helps maintain a clean, organized appearance and prevents cables from snagging during adjustments.

7. Maintenance

- **Periodic Inspection:** Periodically (e.g., every 6 months) check all screws, bolts, and connections to ensure they remain tight and secure.
- **Cleaning:** Clean the mount with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical-based cleaning products, as these may damage the finish.
- **Lubrication:** The moving parts of the mount are designed for smooth operation and generally do not require lubrication. If you notice any stiffness, contact customer support.

8. Troubleshooting

8.1. TV is not level after installation.

Solution: Ensure the wall plate was installed perfectly level. If the wall plate is level, check if your TV has any built-in leveling adjustments on its VESA plate. Some mounts allow for minor post-installation leveling adjustments. Consult the mount's specific leveling mechanism if available.

8.2. Mount feels unstable or wobbly.

Solution: Immediately remove the TV from the mount. Re-check all wall mounting bolts to ensure they are securely fastened into the center of a solid wood stud. Verify that the TV's weight does not exceed the mount's maximum capacity (90.4 lbs). If the included lag bolts snapped during installation, consider replacing them with higher quality lag bolts from a hardware store for enhanced security.

8.3. Difficulty adjusting swivel, tilt, or rotation.

Solution: Ensure there are no obstructions preventing movement. For tilt adjustments, confirm that the tilt adjustment knobs are sufficiently loosened before attempting to move the TV, and then tighten them firmly once the desired angle is achieved. For swivel and rotation, ensure the TV is not pushed too close to the wall, which might restrict movement.

9. Warranty and Support

For specific warranty information, technical assistance, or to report missing/damaged parts, please contact ONKRON customer support. Refer to the product packaging or ONKRON's official website for the most up-to-date contact details and warranty terms.

10. Official Product Videos

No official product videos from the seller were found in the provided data. Please refer to the manufacturer's website or product page for any available video resources that may demonstrate installation or features.

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