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ONN DRP490FN

ONN Full Motion TV Wall Mount Instruction Manual

Model: DRP490FN

Introduction

This manual provides comprehensive instructions for the safe and efficient installation and operation of your ONN Full Motion TV Wall Mount. Designed for flat panel displays ranging from 10 to 50 inches and weighing up to 66 pounds, this mount allows for effortless tilting, swiveling, and extension for optimal viewing angles. Please read this manual thoroughly before installation and retain it for future reference.

Important Safety Information

- Do not attempt installation if you do not understand these instructions or have doubts about the safety of the installation.
- Ensure the mounting surface can safely support the combined weight of the mount and the TV.
- Always locate wall studs or use appropriate concrete anchors for secure installation.
- Use proper tools and safety equipment during installation.
- Do not exceed the maximum weight capacity of 66 lbs (29.9 kg) or the maximum screen size of 50 inches.
- Keep children and pets away during installation.

Package Contents

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, do not proceed with installation and contact customer support.



Image showing the ONN Full Motion TV Wall Mount, featuring its articulating arm and the included 6ft HDMI cable.

- Full Motion TV Wall Mount Assembly (Wall Plate and Articulating Arm)
- TV Bracket Plate
- Mounting Hardware Kit (various screws, washers, spacers for TV and wall mounting)
- 6ft HDMI Cable
- Installation Template
- Small Level (often included for convenience)
- Instruction Manual

Specifications

Brand	ONN
Model Number	DRP490FN
Mounting Type	Wall Mount

Movement Type	Articulating (Full Motion)
Compatible TV Sizes	10 to 50 Inches
Maximum Weight Capacity	66 lbs (29.9 kg)
VESA Compatibility	Up to 200mm x 200mm
Tilt Angle	Up to 9 Degrees
Extension from Wall	Up to 9 inches
Folded Distance from Wall	2 inches
Material	Iron
Color	Black
Product Dimensions	8.66 x 8.66 x 9.06 inches
Item Weight	2.6 ounces

Setup and Installation

Before you begin, gather the necessary tools (e.g., drill, stud finder, level, screwdriver, pencil) and ensure you have a clear, safe workspace. It is recommended to have two people for installation, especially when lifting the TV.

Step 1: Prepare the TV

1. Carefully place your TV face-down on a soft, clean surface to prevent scratches.
2. Identify the VESA mounting holes on the back of your TV.
3. Select the appropriate screws, washers, and spacers from the hardware kit that fit your TV's mounting holes. Ensure screws are not too long (to avoid damaging internal components) or too short (to ensure secure attachment).
4. Attach the TV bracket plate to the back of your TV using the selected hardware. Ensure it is securely fastened.

Step 2: Mount the Wall Plate

1. Determine the desired height for your TV. Mark the center of where the TV will be.
2. Use a stud finder to locate the center of a wooden wall stud at the desired height. Mark the stud's edges. For concrete walls, use appropriate concrete anchors (not always included, may need to be purchased separately).
3. Position the wall plate of the mount against the wall, aligning its center with your marked stud center. Use a level to ensure the wall plate is perfectly horizontal.
4. Mark the pilot hole locations through the wall plate's mounting holes.
5. Drill pilot holes at the marked locations. The size of the drill bit will depend on the lag bolts used (refer to the manual's specific drill bit size recommendation).
6. Secure the wall plate to the wall using the provided lag bolts and washers. Tighten firmly, but do not overtighten.

Step 3: Attach TV to Wall Mount

1. With assistance, carefully lift the TV with the attached TV bracket plate.
2. Align the TV bracket plate with the articulating arm of the wall mount.
3. Hook the TV bracket onto the articulating arm. Ensure it is seated correctly and securely.

4. Secure the TV to the mount by tightening the locking screws or bolts on the TV bracket, as indicated in the manual. This prevents accidental dislodgement.

After installation, gently test the mount's stability and ensure all connections are secure before releasing the TV.

Operating the Mount

The ONN Full Motion TV Wall Mount offers flexible viewing options:

- **Tilt:** Gently push or pull the top or bottom of your TV to adjust the vertical viewing angle. The mount allows for up to 9 degrees of tilt to reduce glare and optimize viewing.
- **Swivel:** Carefully rotate the TV left or right to achieve your desired horizontal viewing angle. The articulating arm provides a wide range of swivel motion.
- **Extend/Retract:** Pull the TV away from the wall to extend the arm up to 9 inches, or push it back towards the wall to retract it to a slim 2 inches for a clean, flushed look.

When adjusting, always hold the TV firmly with both hands. Avoid sudden or forceful movements.

Cable Management

Utilize any integrated cable management clips or channels on the mount to neatly route your cables (including the included HDMI cable) for a tidy appearance and to prevent snagging.

Maintenance

- **Cleaning:** Dust the mount regularly with a soft, dry cloth. For stubborn marks, use a slightly damp cloth and mild detergent, then wipe dry immediately. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and bolts to ensure they remain tight and secure. Over time, vibrations or adjustments can cause fasteners to loosen.
- **Lubrication:** The articulating joints are designed for smooth movement. If movement becomes stiff, a small amount of silicone-based lubricant can be applied to the pivot points, but avoid over-lubrication.

Troubleshooting

TV is not level after installation:

Ensure the wall plate was installed perfectly level. Some mounts have a small amount of post-installation leveling adjustment. If not, you may need to slightly adjust the wall plate's position.

Mount feels loose or unstable:

Immediately remove the TV from the mount. Re-check all wall mounting bolts and TV attachment screws for tightness. Ensure the mount is securely fastened to a wall stud or appropriate anchors. Verify that the TV's weight and size are within the mount's specified limits.

Difficulty adjusting tilt or swivel:

Check if any adjustment knobs or screws on the articulating arm need to be loosened slightly to allow for movement, then re-tightened to hold the position. Ensure no cables are snagging the mechanism.

Missing parts or damaged components:

Do not proceed with installation. Contact ONN customer support for replacement parts.

Warranty and Support

For warranty information, technical support, or to inquire about replacement parts, please refer to the contact information provided on the product packaging or visit the official ONN website. Keep your purchase receipt as proof of purchase for any warranty claims.

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