

## AVLT AVLT-DM29-1

# AVLT Dual 17-32 Inch Monitor Wall Mount (Model AVLT-DM29-1) Instruction Manual

Brand: AVLT | Model: AVLT-DM29-1

## 1. PRODUCT OVERVIEW

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The AVLT Dual Monitor Wall Mount (Model AVLT-DM29-1) is designed to securely hold two flat or curved computer monitors ranging from 17 to 32 inches, each weighing up to 19.8 lbs (9 kg). This full-motion mount features gas spring technology for effortless height adjustment, along with extensive swivel, tilt, and rotation capabilities to optimize your viewing experience and workspace ergonomics.



Image 1.1: The AVLT Dual Monitor Wall Mount supporting two monitors in a typical setup.



## 2. PRODUCT FEATURES

- **Monitor Compatibility:** Supports two flat or curved monitors from 17 to 32 inches, each weighing up to 19.8 lbs (9 kg). Compatible with VESA 75x75mm or 100x100mm mounting patterns.
- **Space Saving Design:** Lifts monitors off the desk, freeing up valuable workspace. The heavy-duty wall plate can be securely mounted on cement, brick, or wood walls.
- **Ergonomic Adjustments:** Gas spring arm allows for height adjustment up to 9.8 inches (254mm). Offers arm extension, vertical tilt, horizontal swivel, and landscape or portrait rotation for optimal viewing.
- **Improved Posture:** Designed to help users achieve an ergonomic working posture, reducing strain and discomfort.
- **Integrated Cable Management:** Features a system to route and conceal cables for a tidy workspace.

## 3. SPECIFICATIONS

Specification	Detail
Model Number	AVLT-DM29-1
Monitor Size Compatibility	17" to 32" (Flat/Curved)
Weight Capacity (per arm)	19.8 lbs (9 kg)
VESA Compatibility	75x75mm, 100x100mm
Mounting Type	Wall Mount
Movement Type	Articulating, Rotate, Swivel, Tilt
Height Adjustment Range	Up to 9.8" (254mm) via Gas Spring
Maximum Tilt Angle	90 Degrees
Material	Aluminum
Product Dimensions	27.76 x 6.06 x 6.85 inches
Item Weight	8.8 pounds

## Supported Dimensions

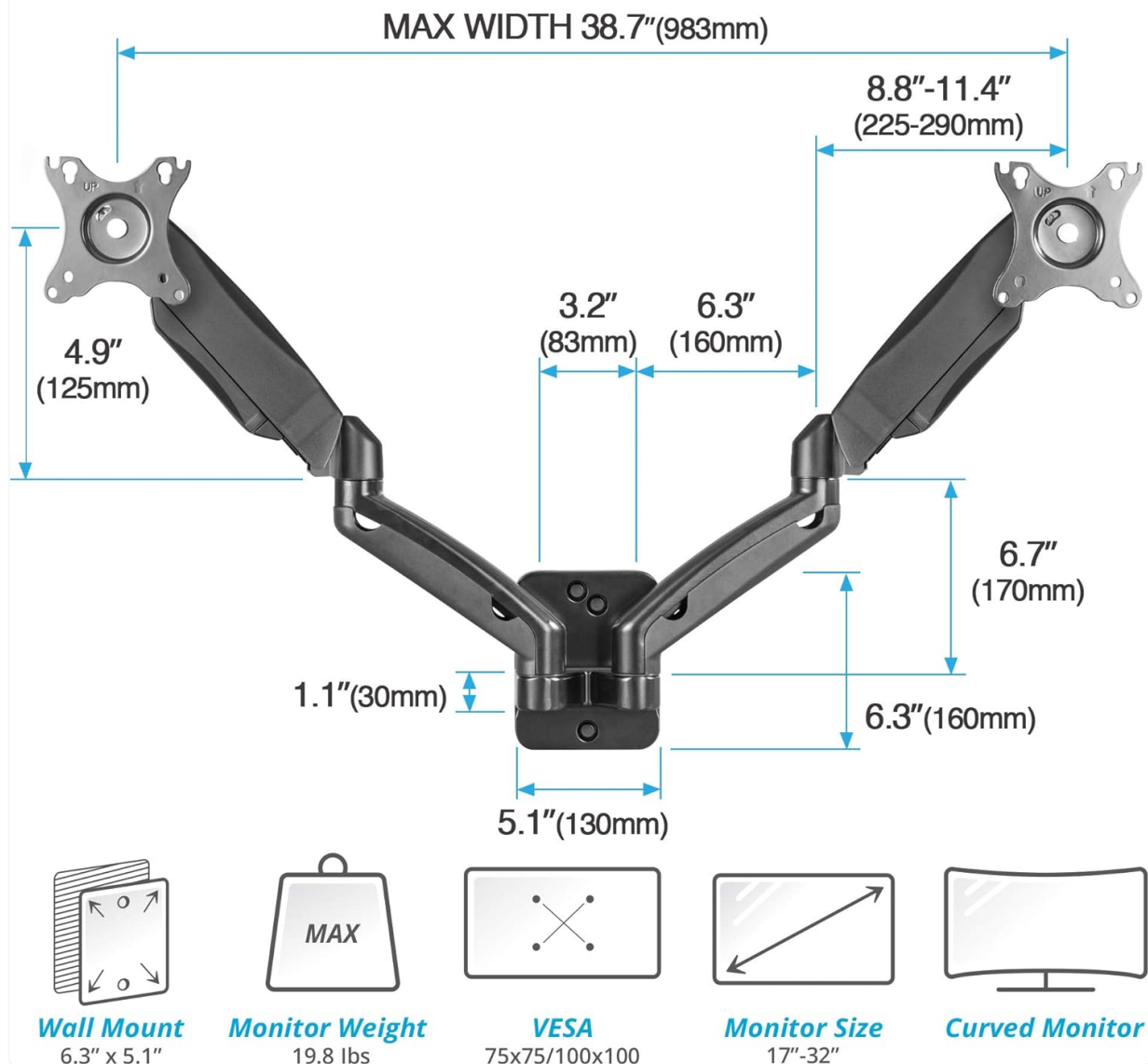


Image 3.1: Detailed dimensions and compatibility information for the AVLT Dual Monitor Wall Mount.

## 4. SAFETY INFORMATION

Please read and understand all instructions before installation and use. Failure to do so may result in personal injury or property damage. Keep this manual for future reference.

- Ensure the mounting surface (wall) can safely support the combined weight of the mount and your monitors.
- Do not exceed the maximum weight capacity of 19.8 lbs (9 kg) per arm.
- Use appropriate tools and hardware for your specific wall type. If unsure, consult a qualified professional.
- Keep children and pets away during installation.
- Periodically check all screws and connections to ensure they remain secure.

## 5. PACKAGE CONTENTS

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

contact AVLT customer support.

- Wall Plate Assembly
- Dual Gas Spring Monitor Arms
- VESA Mounting Plates (x2)
- Hardware Kit (screws, washers, spacers for various monitor types and wall mounting)
- Hex Keys for adjustments
- Cable Management Clips/Covers

## 6. SETUP AND INSTALLATION

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### 6.1 Wall Type Compatibility

The AVLT Dual Monitor Wall Mount is compatible with wood stud walls, brick walls, and cement walls. Ensure you use the correct anchors and screws provided in the hardware kit for your specific wall type.

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Video 6.1: This video demonstrates the features and adjustments of the AVLT Dual Monitor Wall Mount, including its full motion capabilities, gas spring height adjustment, and wide wall mounting compatibility.

### 6.2 Attaching VESA Plates to Monitors

1. Carefully place your monitor face down on a soft, clean surface.
2. Identify the VESA mounting holes on the back of your monitor (75x75mm or 100x100mm).
3. Attach the VESA mounting plate to the monitor using the appropriate screws and washers from the hardware kit. Do not overtighten.



Image 6.2: Attaching the VESA mounting plate to the monitor.

### 6.3 Mounting the Wall Plate

1. Determine the desired height and position for your monitors. Consider your ergonomic needs.
2. Mark the drilling locations for the wall plate. Use a level to ensure accuracy.
3. Drill pilot holes according to the instructions for your wall type.
4. Secure the wall plate to the wall using the appropriate anchors and screws. Ensure it is firmly attached.



Image 6.3: The wall mount base plate securely installed.

## 6.4 Attaching Monitor Arms and Monitors

1. Attach the gas spring monitor arms to the wall plate.
2. Slide the monitors (with VESA plates attached) onto the monitor arms. Ensure they click into place or are secured with the provided locking mechanism.

## 6.5 Cable Management

Route your monitor and power cables through the integrated cable management channels on the arms. Use the provided clips or covers to keep cables tidy and out of sight.



Image 6.4: Cables neatly routed through the arm's management system.



Image 6.5: A side view demonstrating effective cable management.

## 7. OPERATING INSTRUCTIONS (ADJUSTMENTS)

### 7.1 Gas Spring Height Adjustment

The gas spring arms allow for smooth vertical movement. If your monitor sags or floats, adjust the gas spring tension using the provided hex key. Turn clockwise to increase tension for heavier monitors, and counter-clockwise to decrease tension for lighter monitors.



Image 7.1: Adjusting the gas spring tension with a hex key.

## 7.2 Tilt Adjustment

Adjust the monitor's vertical angle (tilt) to reduce glare and find your preferred viewing angle. The mount supports a wide tilt range.



Image 7.2: Adjusting the monitor's tilt for optimal viewing.

## 7.3 Swivel and Rotation

The monitor arms allow for horizontal swivel to share your screen or adjust your viewing position. Monitors can also be rotated 360 degrees for landscape or portrait orientation.

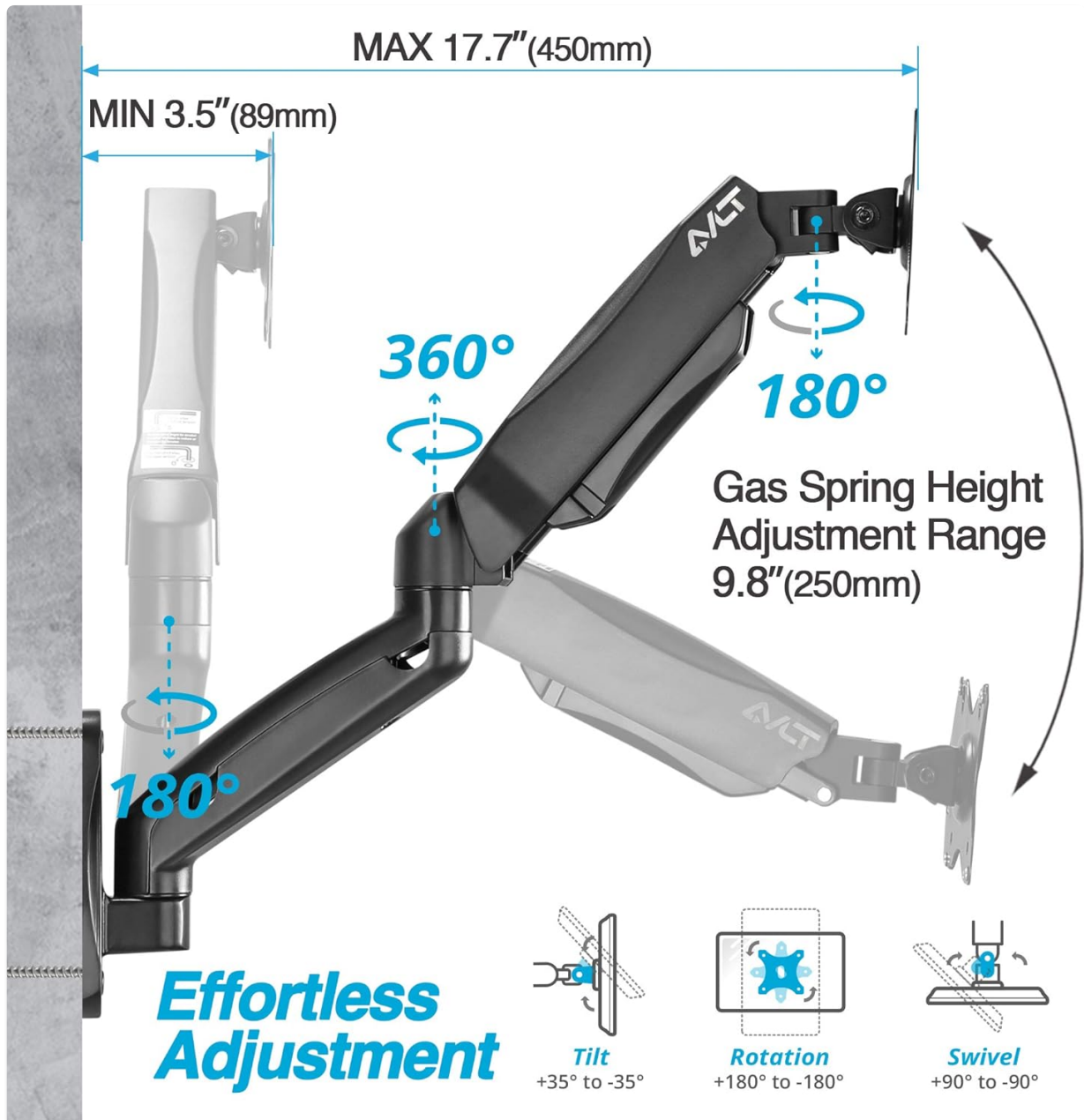


Image 7.3: Overview of the mount's full motion capabilities.

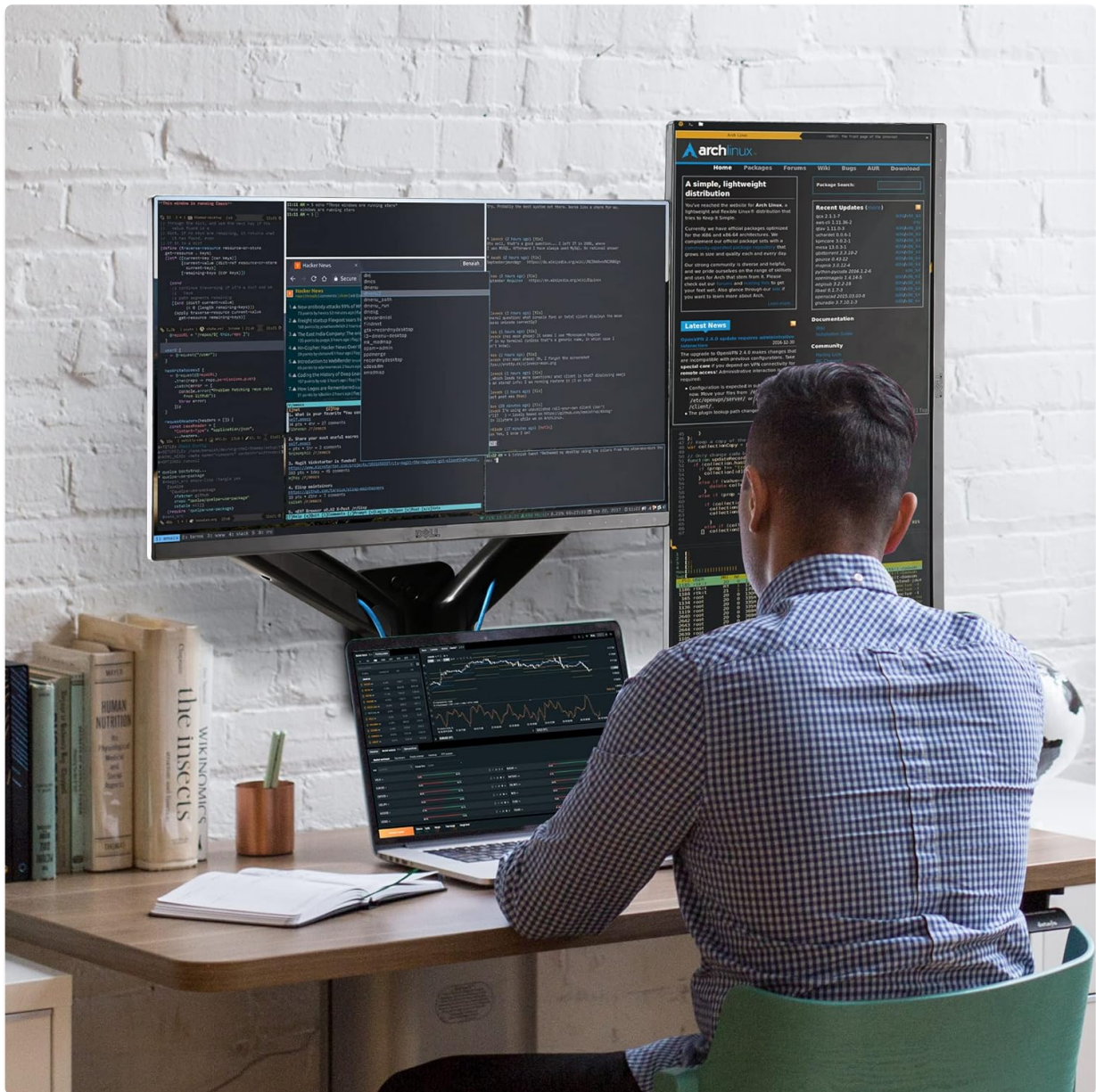


Image 7.4: Monitors rotated to portrait orientation.

## 8. MAINTENANCE

- **Cleaning:** Wipe the mount with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Regularly inspect all mounting hardware and connections to ensure they are tight and secure. Re-tighten if necessary.
- **Gas Spring:** If the gas spring tension feels off, re-adjust it according to Section 7.1.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor sags or drops	Gas spring tension is too low for monitor weight.	Increase gas spring tension (clockwise) using the hex key (refer to Section 7.1).

Monitor floats up or is difficult to push down	Gas spring tension is too high for monitor weight.	Decrease gas spring tension (counter-clockwise) using the hex key (refer to Section 7.1).
Monitor is not level	Minor adjustment needed at the VESA plate.	Loosen the leveling screw on the VESA plate, adjust monitor, then re-tighten.
Mount feels unstable	Wall plate not securely fastened or incorrect wall anchors used.	Re-check wall plate installation and ensure all screws are tight. Verify correct anchors for your wall type.

## 10. WARRANTY AND SUPPORT

The AVLT Dual Monitor Wall Mount (Model AVLT-DM29-1) is covered by a **3-YEAR MANUFACTURER WARRANTY**. Additionally, AVLT provides **LIFETIME TECH SUPPORT** to assist with any questions or concerns you may have.

For technical assistance, warranty claims, or any product-related inquiries, please contact AVLT customer support. They aim to respond within 24 hours.

**Contact Information:** Refer to the AVLT official website or your purchase documentation for the most current contact details.