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J-Tech Digital JTECH-VMM-KIT22

J-Tech Digital 2x2 TV Wall Mount Kit Instruction Manual

Model: JTECH-VMM-KIT22

Product Overview

The J-Tech Digital JTECH-VMM-KIT22 is a robust 2x2 TV Wall Mount System designed to create a stunning four-screen video wall. This kit supports televisions ranging from 37 to 65 inches and accommodates various VESA mounting patterns. Its innovative pop-out design facilitates easy installation, maintenance, and access to display ports. The mount is engineered for heavy-duty use, providing stable and secure support for your displays.

Image: Overview of the J-Tech Digital 2x2 TV Wall Mount Kit, showing the wall plates and VESA brackets.

Setup and Installation

Package Contents:

- 5 sets of 450mm wall plates
- 4 sets of VESA brackets
- All necessary mounting hardware (screws, anchors, etc. - implied)

Pre-installation Considerations:

Before beginning installation, ensure your wall type is suitable and can support the combined weight of the mount and your televisions. The mount is compatible with:

- **Concrete Walls:** Supports up to 154 lbs per screen.
- **Wood Studs:** Supports up to 110 lbs per screen.

- **Brick Walls:** Also supported with appropriate anchors.

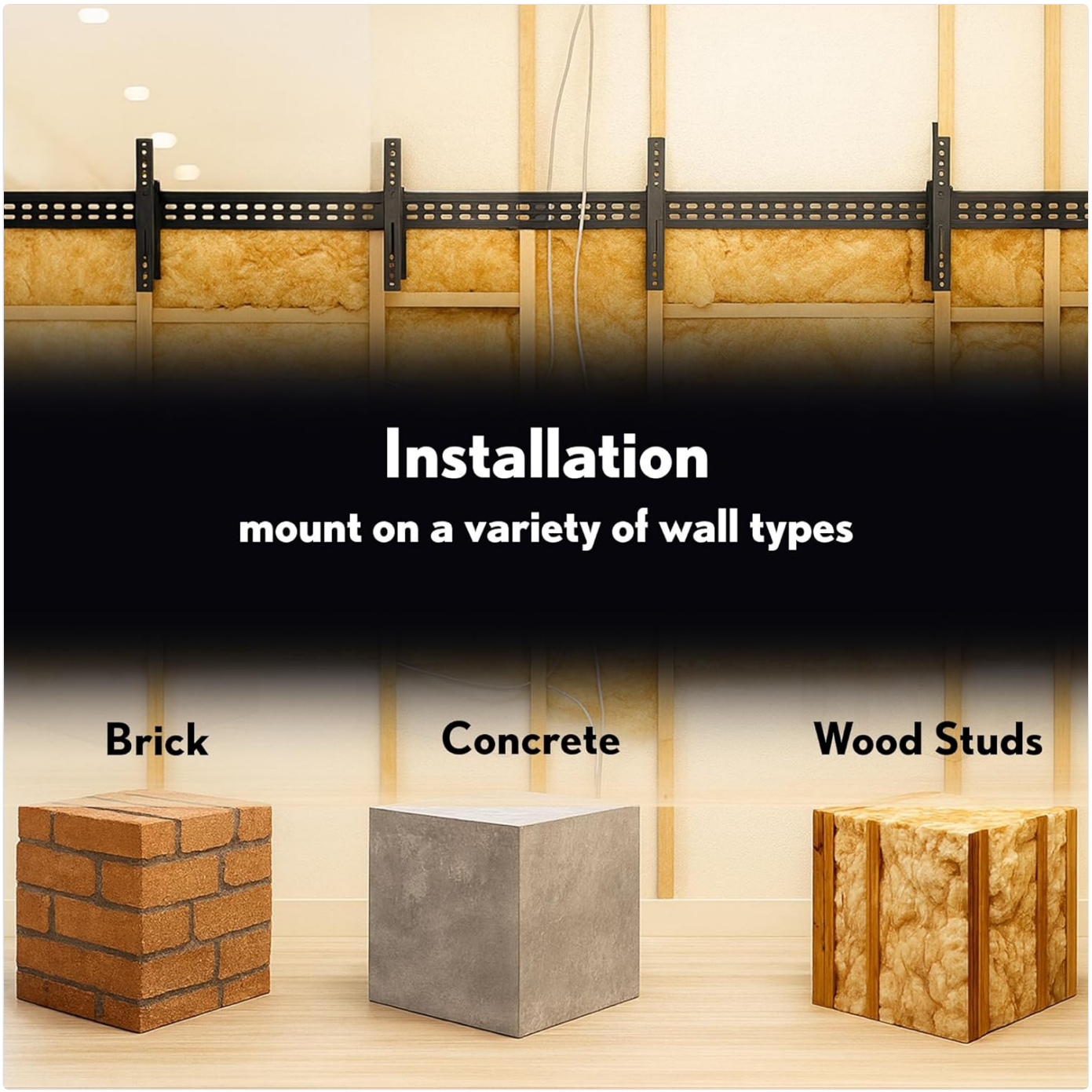

Image: Visual representation of the wall types suitable for mounting: brick, concrete, and wood studs.

Verify your television's VESA mounting pattern and size compatibility. This mount supports TVs from 37 to 65 inches with VESA patterns including 100x100, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400, and 600x400.

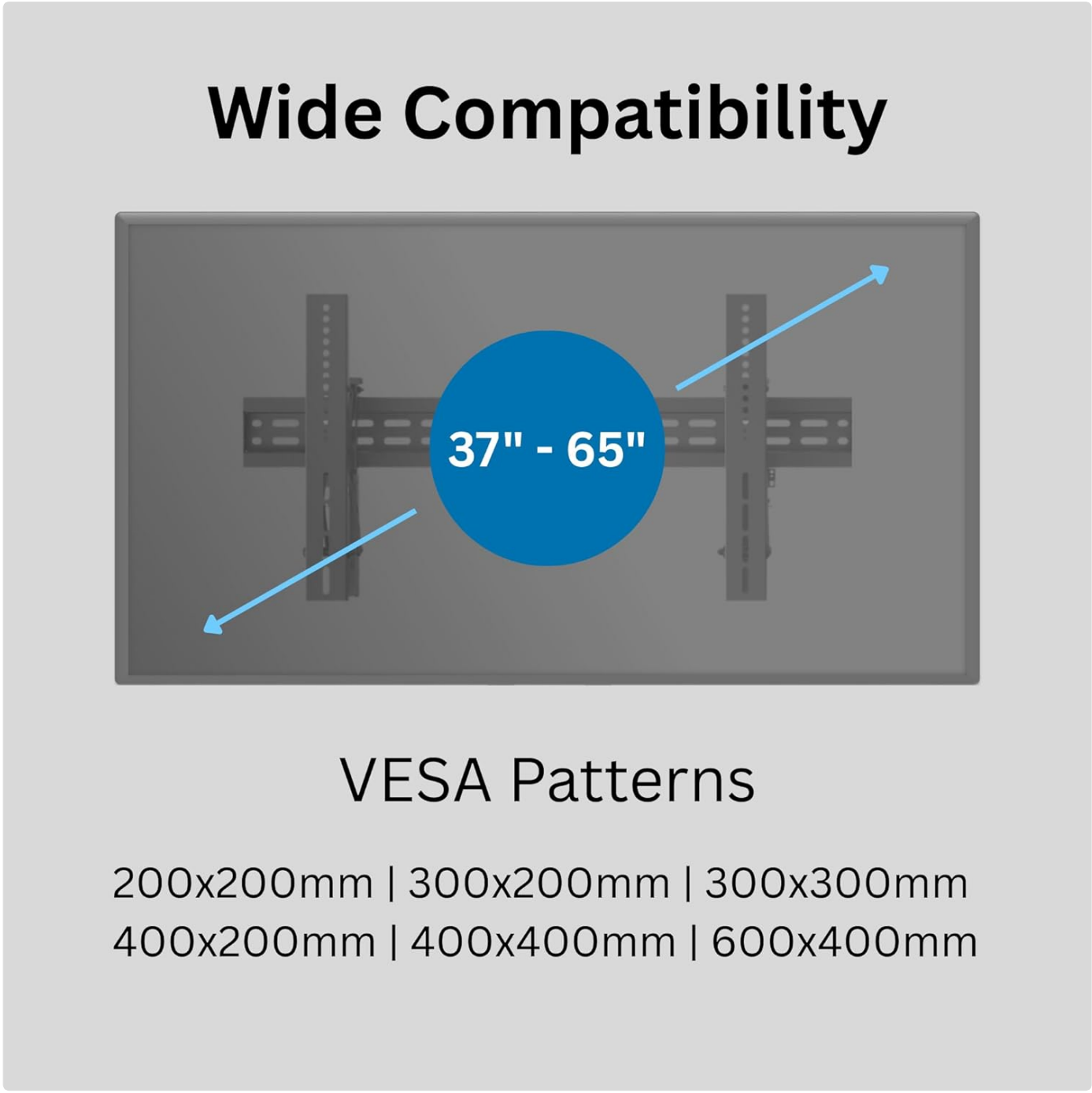

Image: Diagram illustrating the wide compatibility of the mount with various VESA patterns and TV sizes (37"-65").

Installation Steps:

1. **Marking and Drilling:** Carefully measure and mark the desired locations for the wall plates on your chosen wall surface. Use a level to ensure perfect horizontal alignment. Drill pilot holes according to the provided hardware and wall type.
2. **Mounting Wall Plates:** Securely attach the 450mm wall plates to the wall using the appropriate screws and anchors. Ensure they are firmly fastened and level.
3. **Attaching VESA Brackets to TVs:** Attach the VESA brackets to the back of each television using the screws that fit your TV's VESA pattern. Ensure the brackets are oriented correctly for either portrait or landscape display.
4. **Mounting TVs onto Wall Plates:** Carefully lift each television and hook the VESA brackets onto the wall plates. The pop-out design allows for easy engagement and disengagement.
5. **Cable Management:** Route all necessary cables (power, HDMI, etc.) before fully securing the displays. The pop-out feature provides convenient access to ports even after mounting.

Operating the Mount

The JTECH-VMM-KIT22 mount offers several features for optimal display positioning and alignment.

Pop-Out Design:

The unique push-in, pop-out mechanism allows the VESA bracket arms to extend forward, providing easy access to the back of the TV for port connections, cable management, or maintenance without needing to remove the entire display from the wall.

Image: The mount extended forward, demonstrating easy access to the display's ports with an extension range of 3 to 8.8 inches.

Adjustable Tilt and Swivel:

Achieve perfect alignment for your video wall with the micro-adjustable brackets. These allow for a +3° to -3° swivel and 0 to -1.5° tilt, enabling precise screen alignment for a seamless visual experience.

Image: A 2x2 video wall setup, highlighting the pop-out and tilt capabilities of the mount for fine adjustments.

Display Orientation:

The mount supports both portrait and landscape orientations for your video wall configuration, offering flexibility for various applications such as home theaters, corporate offices, retail displays, or digital signage.

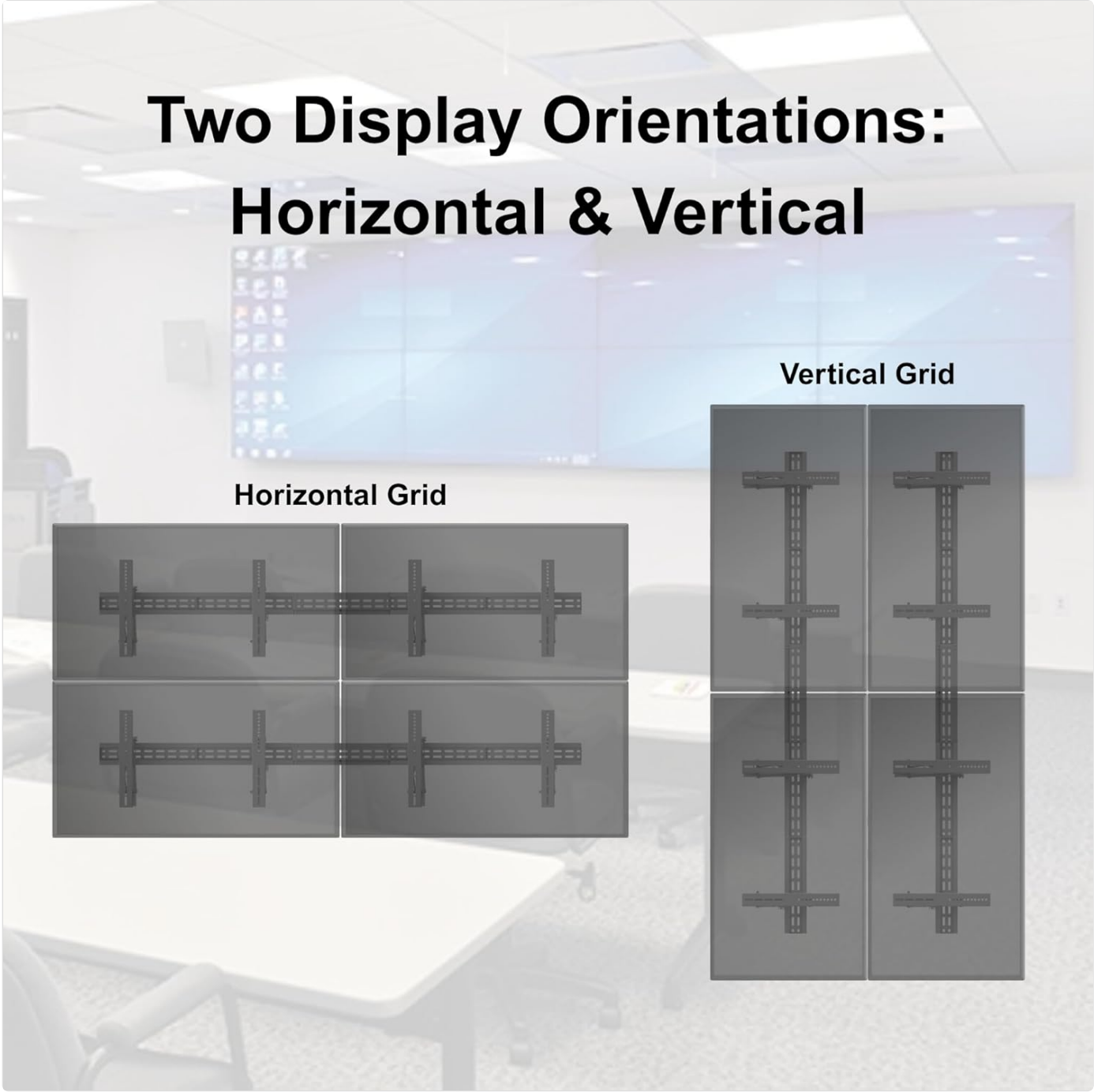

Image: Diagram showing how displays can be arranged in both horizontal and vertical grid orientations for a 2x2 video wall.

Maintenance

To ensure the longevity and optimal performance of your J-Tech Digital TV Wall Mount Kit, follow these simple maintenance guidelines:

- **Regular Inspection:** Periodically check all mounting screws and connections to ensure they remain tight and secure. Over time, vibrations or minor shifts can loosen fasteners.
- **Cleaning:** Dust the mount components regularly with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but avoid harsh chemicals or abrasive cleaners that could damage the finish.
- **Mechanism Check:** Occasionally operate the pop-out mechanism and test the tilt and swivel adjustments to ensure they move smoothly and freely. If any resistance is felt, inspect for obstructions.

Troubleshooting

This section addresses common issues you might encounter during or after installation.

Displays Not Level:

If your displays appear uneven, utilize the micro-adjustable brackets. These allow for fine-tuning of the tilt and horizontal sliding to perfectly align all four screens for a seamless display.

Difficulty Accessing Ports:

Ensure you are fully utilizing the pop-out design. Push the display gently to engage the pop-out mechanism, which will extend the screen forward, providing ample space to access rear ports.

Mount Feels Unstable:

Double-check all wall plate and VESA bracket connections. Ensure that the correct type and number of fasteners were used for your specific wall material and that they are tightened securely. Verify that the combined weight of your TVs does not exceed the mount's capacity for your wall type (154 lbs per screen on concrete; 110 lbs per screen on wood studs).

Image: A commercial installation of the 2x2 video wall, illustrating the supported display sizes (37-65 inches) and load capacities for wood

stud (110 lbs per display) and concrete (154 lbs per display) applications.

Specifications

Model Number	JTECH-VMM-KIT22
Brand	J-Tech Digital
Color	Black
Number of Items	1 (Kit)
Compatible TV Sizes	37" – 65"
VESA Mounting Patterns	100x100, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400, 600x400
Load Capacity (Concrete)	154 lbs per screen (616 lbs total for 4 screens)
Load Capacity (Wood Studs)	110 lbs per screen
Swivel Adjustment	+3° to -3°
Tilt Adjustment	0 to -1.5°
Extension Range (Pop-Out)	3" – 8.8"
Overall Dimensions (Approx.)	Height: 17.3", Width: 88.6", Depth: 2.3" (retracted)

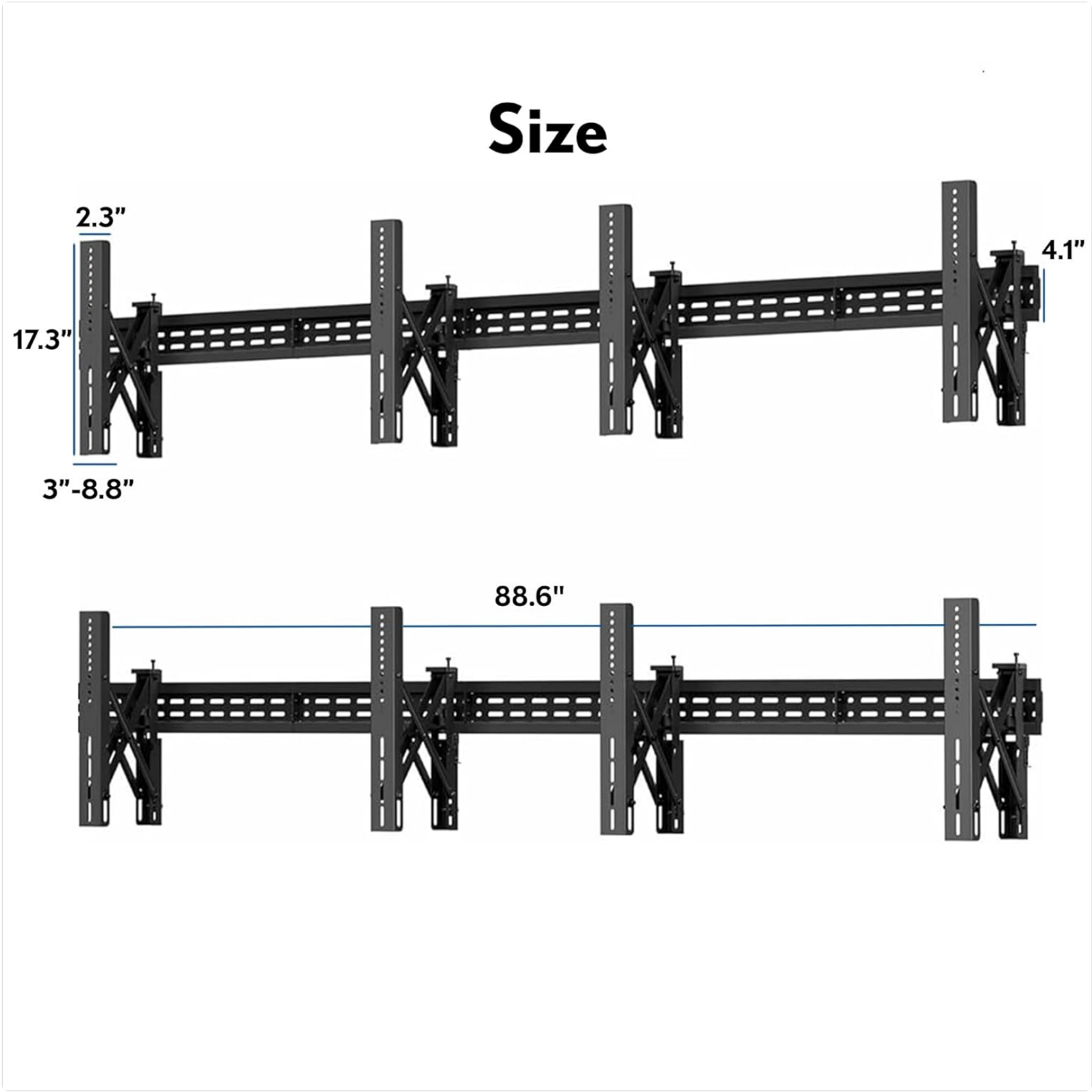

Image: Detailed dimensions of the J-Tech Digital 2x2 TV Wall Mount Kit, including height, width, and extension range.

Warranty and Technical Support

All J-Tech Digital products come with a one-year manufacturer replacement warranty, ensuring your investment is protected.

Additionally, J-Tech Digital provides free lifetime technical support from our dedicated customer support team. Our team is based in Stafford, TX, and is available to assist you with any questions or issues you may encounter.

Support Hours: Monday – Friday, 9 AM – 6 PM CST

For contact information, please refer to the J-Tech Digital seller page on Amazon or visit our official website.

You can visit the J-Tech Digital Store for more information:J-Tech Digital Store

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