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Invision EV400

Invision EV400 TV Wall Mount User Manual

Model: EV400

PRODUCT OVERVIEW

The Invision EV400 is a versatile TV wall mount designed for screens ranging from 22 to 50 inches. It offers full tilt, swivel, and extension capabilities, providing an optimized viewing experience from various angles. Constructed from high-quality cold-rolled steel, the EV400 ensures durability and stability, supporting TVs up to 27.2 kg (59.9 lbs). Its ultra-slim design allows the TV to sit close to the wall, while integrated cable management helps maintain a tidy appearance.

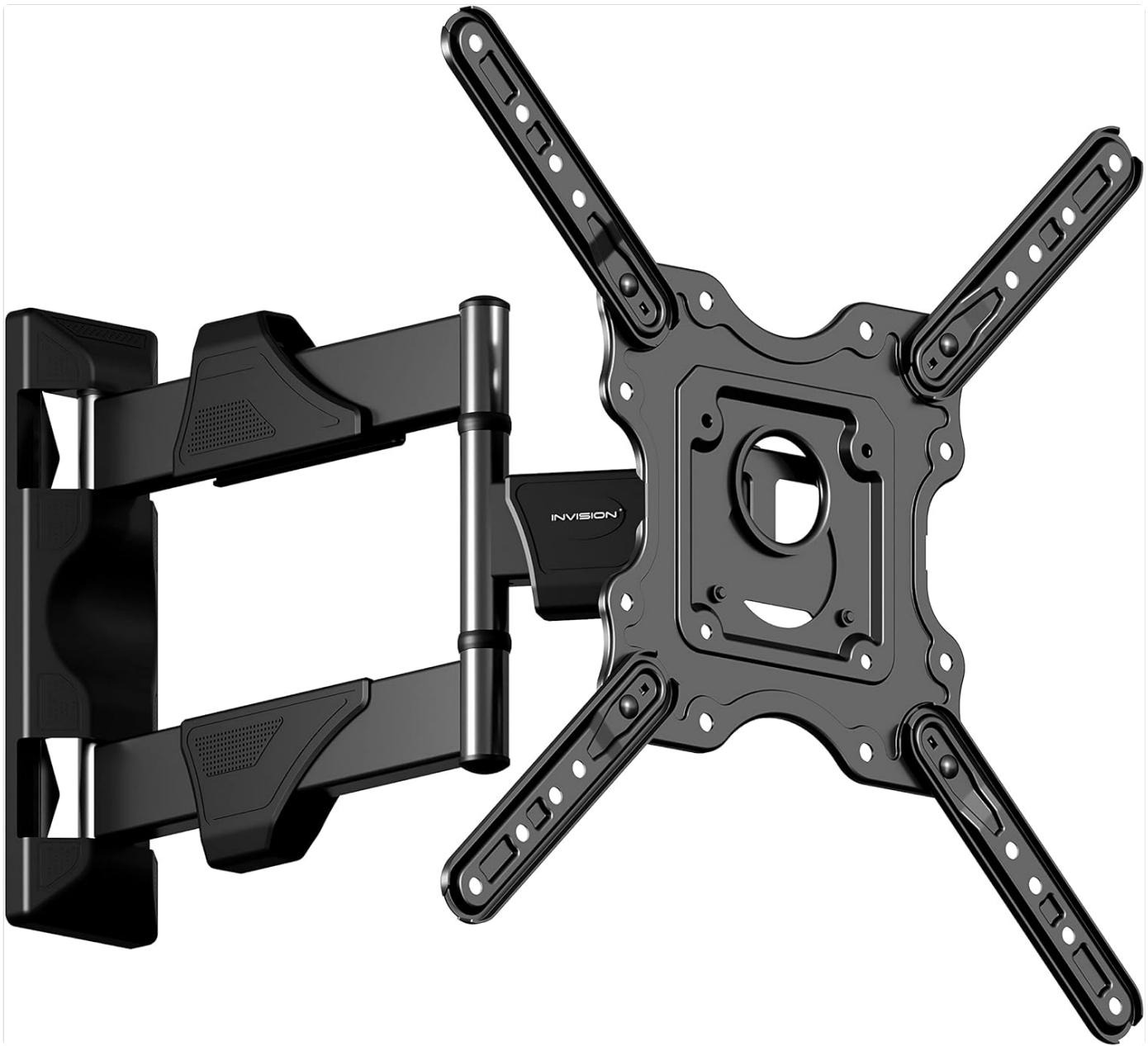


Figure 1: Invision EV400 TV Wall Mount, showcasing its robust design and articulating arm.

SETUP AND INSTALLATION

Before beginning installation, ensure you have all necessary components and tools. This mount is designed for wood stud and masonry walls.

Pre-Installation Checklist

- Verify your TV's screen size is between 22 and 50 inches.
- Confirm your TV's weight does not exceed 27.2 kg (59.9 lbs).
- Check your TV's VESA mounting pattern. The EV400 supports VESA patterns from 100x100mm to 400x400mm.
- Identify your wall type (wood stud or solid masonry) to use appropriate fixings.
- Gather necessary tools (e.g., drill, level, stud finder, screwdriver, measuring tape).

Package Contents

The EV400 package includes the main wall mount assembly, a comprehensive hardware kit with various TV screws (M4, M6, M8), and 80mm wall fixings suitable for wood and masonry.

Mounting Instructions

- Determine VESA Pattern:** Measure the horizontal and vertical distance between the mounting holes on the back of your TV. This will give you your TV's VESA pattern (e.g., 200x200mm).



Figure 2: Guide for measuring VESA mounting holes and technical dimensions of the mount.

- Attach TV Brackets:** Secure the TV brackets to the back of your television using the appropriate screws from the hardware kit. Ensure they are tightened securely.
- Mark Wall Position:** Hold the wall plate against the wall at your desired viewing height. Use a level to ensure it is perfectly horizontal. Mark the drilling points.
- Drill Pilot Holes:** Drill pilot holes at the marked locations. For wood studs, drill directly into the center of the stud. For masonry, use a masonry drill bit and insert wall anchors (if provided and necessary).
- Mount Wall Plate:** Secure the wall plate to the wall using the provided 80mm wall fixings. Ensure it is firmly attached and stable.
- Hang TV:** Carefully lift your TV with the attached brackets and hook it onto the wall plate. Ensure the TV is securely seated on the mount.
- Secure TV to Mount:** Fasten any safety screws or locking mechanisms to prevent the TV from accidentally dislodging from the mount.

BEHIND THE SCENES



Figure 3: The Invision EV400 TV wall mount shown installed, ready for a television.

OPERATING THE MOUNT

The EV400 mount offers flexible adjustments to achieve your optimal viewing angle.

- **Tilt Adjustment:** The mount allows for a vertical tilt from -5° (backward) to +8° (forward). This feature helps reduce glare and optimize viewing from different heights.
- **Swivel Adjustment:** You can swivel your TV horizontally up to 180° (90° left and 90° right), allowing you to view the screen from various positions within the room.
- **Extension:** The articulating arm extends your TV from a slim 50mm (2 inches) profile against the wall up to 400mm (15.7 inches) outwards, providing ample space for adjustments and cable access.
- **Rotation Adjustment:** Fine-tune your TV's level with a rotation adjustment of +4° to -4°.

Cable Management

The EV400 features integrated cable management covers along the arms. Route your cables through these covers to keep them organized and out of sight, contributing to a clean and professional installation.

MAINTENANCE

To ensure the longevity and safe operation of your Invision EV400 TV wall mount, follow these simple maintenance guidelines:

- **Cleaning:** Dust the mount regularly with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by drying. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Every 6-12 months, inspect all screws and bolts to ensure they remain tight. Check for any signs of wear, damage, or loosening of the mount from the wall or the TV.
- **Lubrication:** The articulating joints are designed for smooth operation and typically do not require lubrication. If movement becomes stiff, contact customer support.

TROUBLESHOOTING

If you encounter any issues with your Invision EV400 TV wall mount, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
TV is not level after installation.	Mount not perfectly level during installation; slight rotation needed.	Use the +4°/-4° rotation adjustment feature to fine-tune the TV's level. Re-check with a spirit level.
Mount feels loose or unstable.	Wall fixings not securely tightened; incorrect wall type used; excessive weight.	Immediately remove the TV. Re-tighten all wall fixings. Ensure the mount is installed into solid wood studs or appropriate masonry. Verify TV weight is within limits. Consult a professional if unsure.
Difficulty adjusting tilt or swivel.	Joints are stiff; screws too tight.	Check if any adjustment screws are overtightened. Loosen slightly if necessary. Ensure the TV is not exceeding the weight capacity, which can strain the joints.
Cables are visible or messy.	Cables not routed through management system.	Utilize the integrated cable management covers on the mount arms to neatly conceal cables.

SPECIFICATIONS

READY FOR ANYTHING



HEAVY DUTY
STEEL



UNIQUE COMPRESSION
HINGE ELIMINATES
DEFLECTION



LOAD CAPACITY 27.2KG



SOLID & RELIABLE
TILT LOCKING MECHANISM



SUPER SLIMLINE
50MM DEPTH

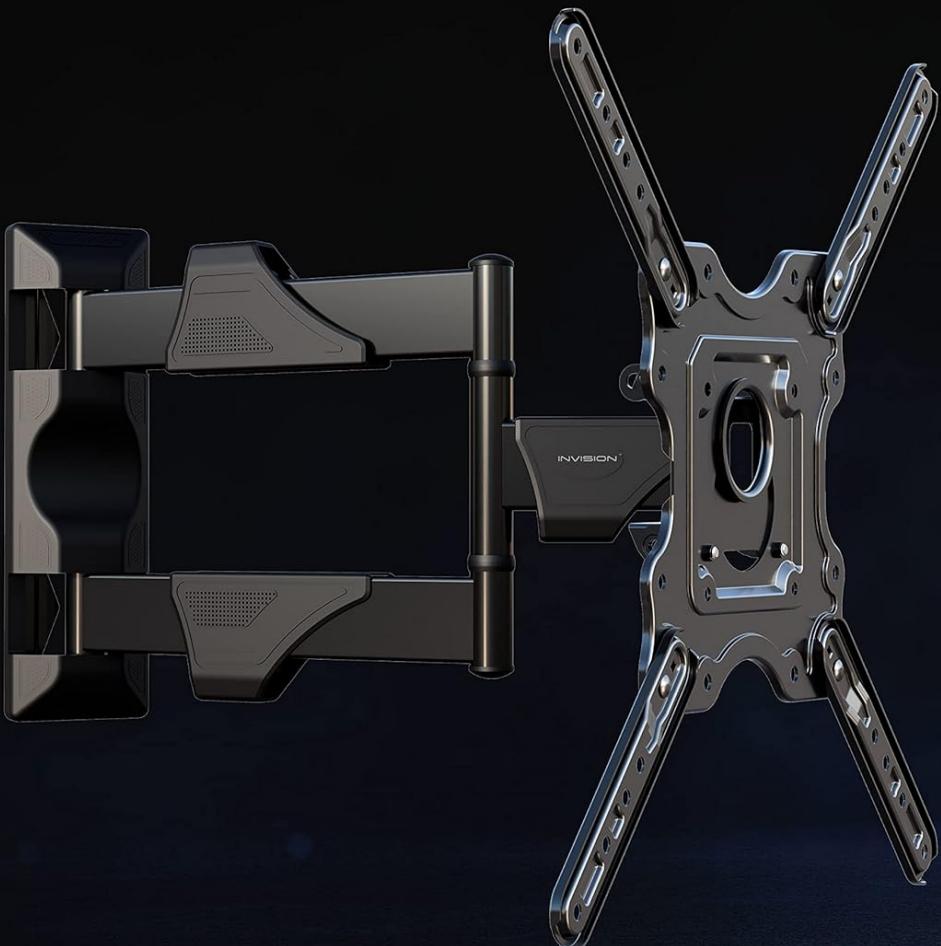


Figure 4: Visual representation of key features including heavy-duty steel, unique compression hinge, load capacity, and super slimline depth.

Feature	Detail
Brand	Invision
Model Number	EV400
Color	Black
Compatible TV Sizes	22 - 50 inches (56 - 127 cm)
Maximum Load Capacity	27.2 kg (59.9 lbs)
VESA Compatibility	100x100mm to 400x400mm
Wall Profile (Retracted)	50mm (2 inches)
Maximum Extension	400mm (15.7 inches)

Feature	Detail
Tilt Angle	-5° (backward) to +8° (forward)
Swivel Angle	180° (90° left / 90° right)
Rotation Adjustment	+4° to -4°
Material	Cold-rolled Steel
Wall Compatibility	Wood Stud, Solid Masonry

WARRANTY INFORMATION

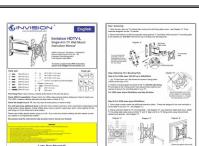
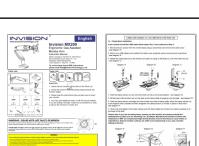
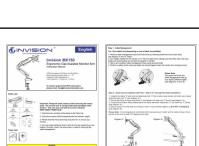
Specific warranty details for the Invision EV400 TV Wall Mount are not provided in the product information. Please refer to the manufacturer's official website or your purchase documentation for warranty terms and conditions.

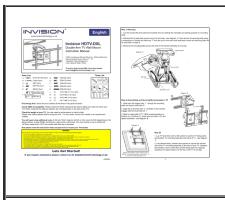
CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Invision EV400 TV Wall Mount, please visit the official Invision website or contact their customer service department. Contact information is typically available on the manufacturer's packaging or website.

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Related Documents - EV400

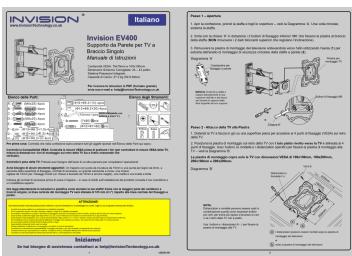
	<p>Invision HDTV-E Single Arm TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the Invision HDTV-E single arm TV wall mount. Covers unboxing, VESA compatibility, wall mounting (wood stud and brick/concrete), TV attachment, cable management, and adjustments for 24-60 inch screens.</p>
	<p>Invision HDTV-L Single Arm TV Wall Mount Installation Guide</p> <p>Detailed instructions for installing the Invision HDTV-L single arm TV wall mount. Covers unboxing, TV attachment, wall mounting, cable management, and tilt adjustment for screens 26-60 inches.</p>
	<p>Invision MX200 Ergonomic Monitor Arm Instruction Manual</p> <p>Comprehensive instruction manual for the Invision MX200 Ergonomic Gas Assisted Monitor Arm, covering installation, cable management, and usage for 19-32 inch monitors.</p>
	<p>Invision MX150 Ergonomic Monitor Arm: Installation and User Guide</p> <p>Comprehensive guide for installing and using the Invision MX150 Ergonomic Gas Assisted Monitor Arm. Learn how to set up, adjust, and troubleshoot your monitor mount for optimal positioning.</p>

	<p>Invision HDTV-DXL Double Arm TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the Invision HDTV-DXL Double Arm TV Wall Mount, covering unboxing, assembly, installation on various wall types, and final adjustments. Includes parts list, tools required, safety warnings, and troubleshooting tips.</p>
	<p>Invision MX200 Ergonomic Gas Assisted Monitor Arm Installation Manual</p> <p>Comprehensive guide for installing and using the Invision MX200 Ergonomic Gas Assisted Monitor Arm. Covers clamp base and through-desk installation, cable management, monitor mounting, tension adjustment, tilt angle, and rotational features.</p>

Documents - Invision – EV400

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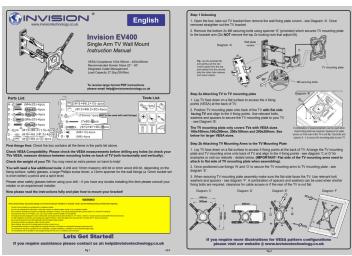


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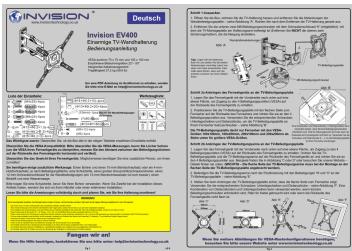


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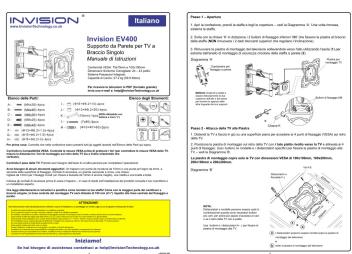


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