

## Barkan BM343XL2

# Barkan 30-inch Long Full Motion Articulating TV Wall Mount

Model: BM343XL2 | Brand: Barkan

## INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Barkan 30-inch Long Full Motion Articulating TV Wall Mount. Please read all instructions carefully before beginning installation and keep this manual for future reference.

## SAFETY INFORMATION

Child safety is paramount. When installing televisions and appliances, it is crucial to be aware of potential dangers from tip-overs. The safest solution is to securely mount the TV to a strong wall. All Barkan TV mounts include a Fall Proof system designed to prevent accidental disengagement of the screen from the mount.

Always ensure the wall structure can support the combined weight of the mount and the television. If unsure, consult a qualified professional.

# Greatest value for money



Image: Safety features of the Barkan TV mount, highlighting the fall-proof system, maximum load capacity of 80 lbs (36 kg), and integrated cable management. The mount has been tested at 320 lbs (144 kg) for extra safety.

## SPECIFICATIONS

- **Model Number:** BM343XL2
- **Compatible Screen Sizes:** 13 to 65 inches (also fits screens up to 77 inches with 400x400mm VESA connections)
- **Maximum Load Capacity:** 80 lbs (36 kg)
- **VESA Compatibility (Bracket Mounting Holes Patterns):** 75x75, 100x100, 100x200, 200x100, 200x200, 200x300, 300x200, 300x300, 300x400, 400x200, 400x300, 400x400 mm, and non-VESA up to 400x400 mm.
- **Extension from Wall:** Minimum 2.8 inches (7 cm) to Maximum 30 inches (76 cm)
- **Movement Type:** Articulating, Tilt, Rotate, Swivel
- **Pivots:** 3 (rotate near wall 180°, fold 360°, swivel near screen connection plate 180°)
- **Tilt Range:** -5° to 15° (tool-free)
- **Leveling Adjustment:** +/-5° (after installation)

- **Material:** Metal
- **Color:** Black
- **Item Weight:** 9.53 pounds
- **UPC:** 818212005764

## Specifications & Backscreen VESA connection

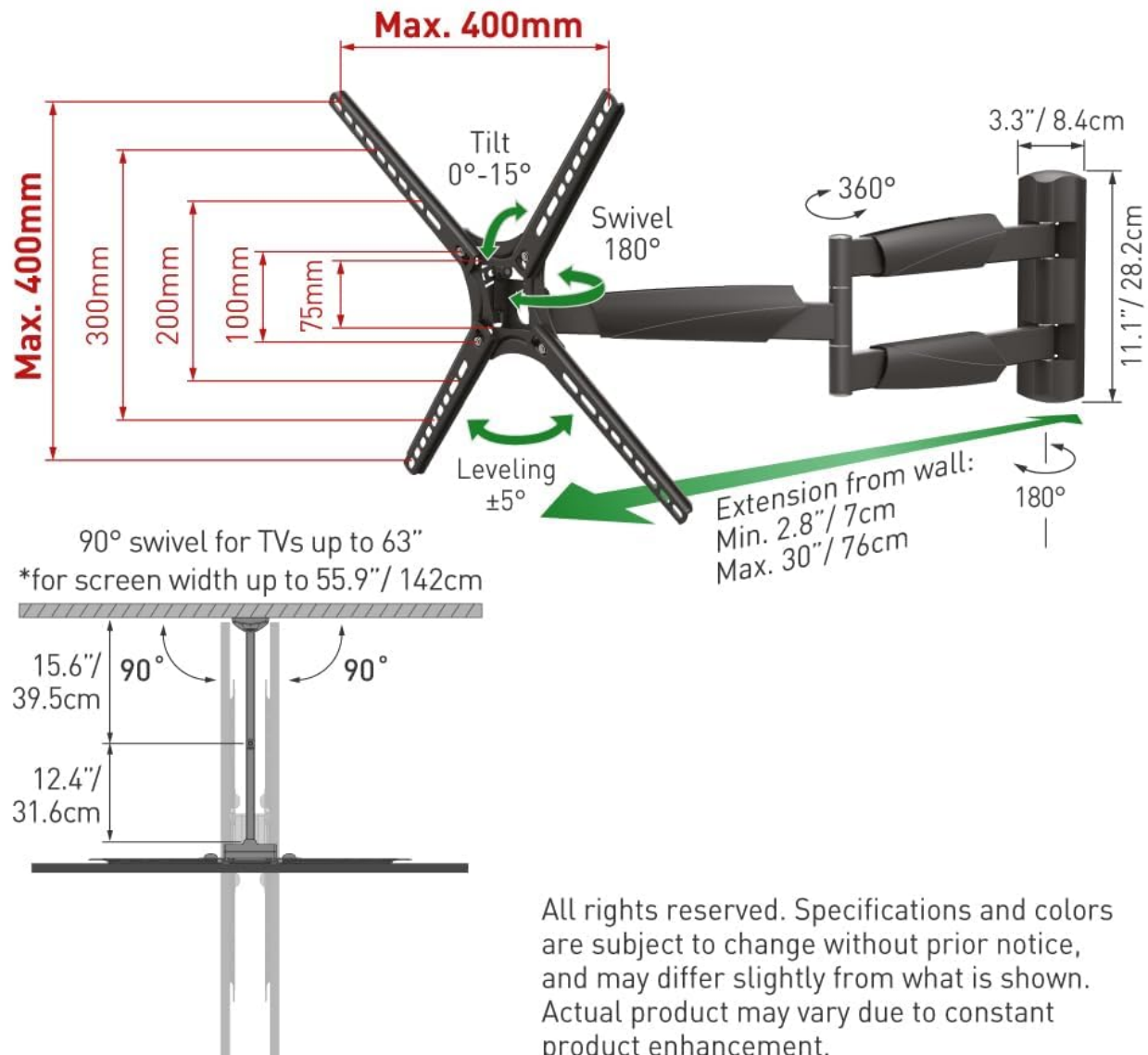


Image: Technical specifications and backscreen VESA connection diagram, illustrating dimensions, tilt range (0-15 degrees), swivel capabilities (180 degrees near screen, 360 degrees fold), and extension from wall (2.8 to 30 inches).

## SETUP AND INSTALLATION

### Wall Compatibility

This mount is compatible with:

- Drywall with wood studs
- Concrete blocks / concrete wall

**Not compatible with:** Drywall / gypsum / plaster without studs.

## Required Tools

- Drill (1/4" - 6mm and 3/8" - 10mm bits for concrete/wood, 5/32" - 4mm for wood)
- Level
- Safety glasses
- Stud finder (for drywall installation)

Easy  
installation

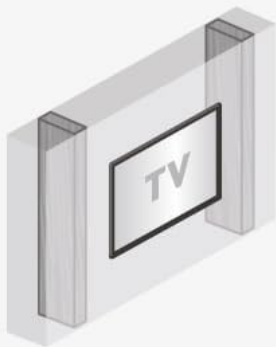


Included in the packaging are **assembly instructions, warnings and safety instructions.** If they are missing, you are required to download them from our website and to assemble precisely according to them.

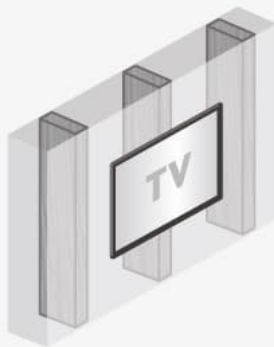
## Wall compatibility



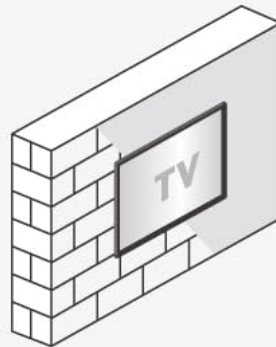
Drywall/  
gypsum/  
plaster



Drywall with  
**wood studs**



Concrete blocks/  
concrete wall



## Required

Drill



1/4" - 6mm

3/8" - 10mm



5/32" - 4mm



Level



Safety glasses



Stud finder



Image: Wall compatibility guidelines and a list of necessary tools including a drill, level, safety glasses, and stud finder.

## Assembly Steps

The assembly process is designed to be straightforward:

1. **Connect the TV plate to the back of the TV:** Attach the adapters to the rear side of your television using the provided screws. Ensure a secure fit.
2. **Install the bracket on the wall:** Securely mount the wall bracket to your chosen wall location, ensuring it is level and properly anchored according to your wall type.
3. **Snap the TV onto the bracket:** Carefully lift the television and snap it onto the installed wall bracket. Verify that the fall-proof system engages correctly.

# Additional value for money

## Easy assembly **As easy as 1-2-3**



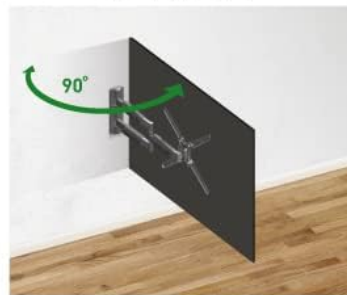
## Determine your screen's maximum swivel angle

The secret for the ultimate viewing experience: "line of sight" is perpendicular (90°) to the screen



Wide range of viewing angles for various sitting positions

Allows 63" screens to swivel 90°



Great for corner installation



Image: Visual guide for the three-step assembly process: attaching the TV plate, installing the wall bracket, and mounting the TV.

## VESA and Screen Type Compatibility

This mount is designed to fit both flat and curved TVs, as well as TVs with special structures on their backs (e.g., bumps, indentations, or non-standard connection-hole patterns). The patented ball and socket mechanism allows the four adapters to move in two dimensions, ensuring the mount hugs the screen firmly without requiring spacers. The mount supports VESA patterns from 75x75mm up to 400x400mm. Refer to the diagrams below for various backscreen connection positioning options. If your TV's backscreen connections are not included in the positions shown, please contact Barkan support.



# Fits various screen types



## Patent No.

USA – 10,145,503

China – ZL 2015 2 0838239.6

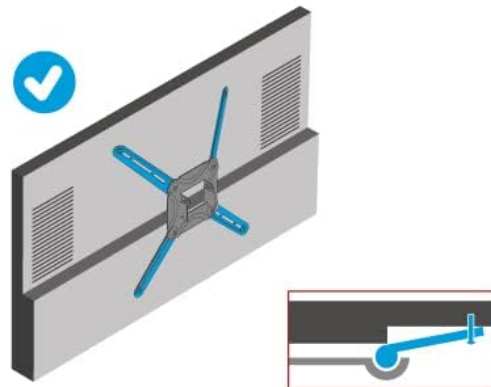
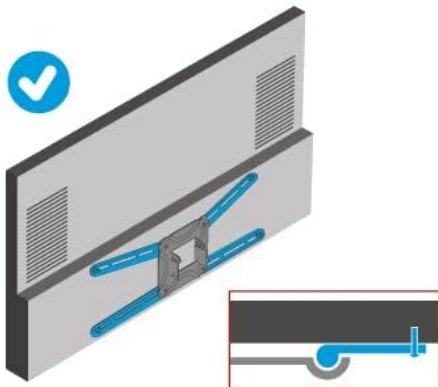
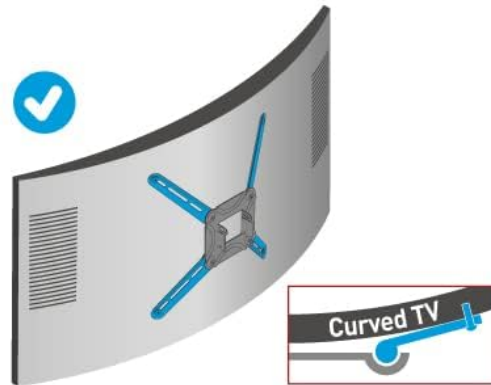
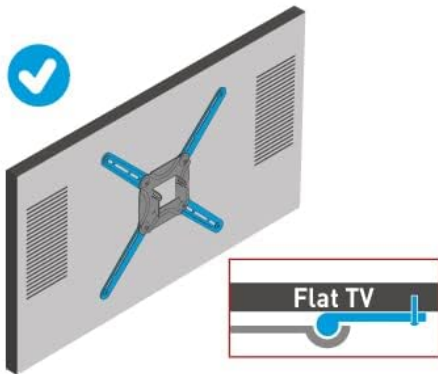


Image: Illustrations demonstrating the mount's compatibility with different TV back designs, including flat and curved screens, and those with unique back structures.

# Backscreen connection positioning options

All TV backscreen connections are in millimeters (Width x Height).

There are a few sizes of TV plates available.

The backscreen connections in position 1 are included in some of the different TV plates, according to their size, and do not require the use of the 4 adapters (marked in blue).

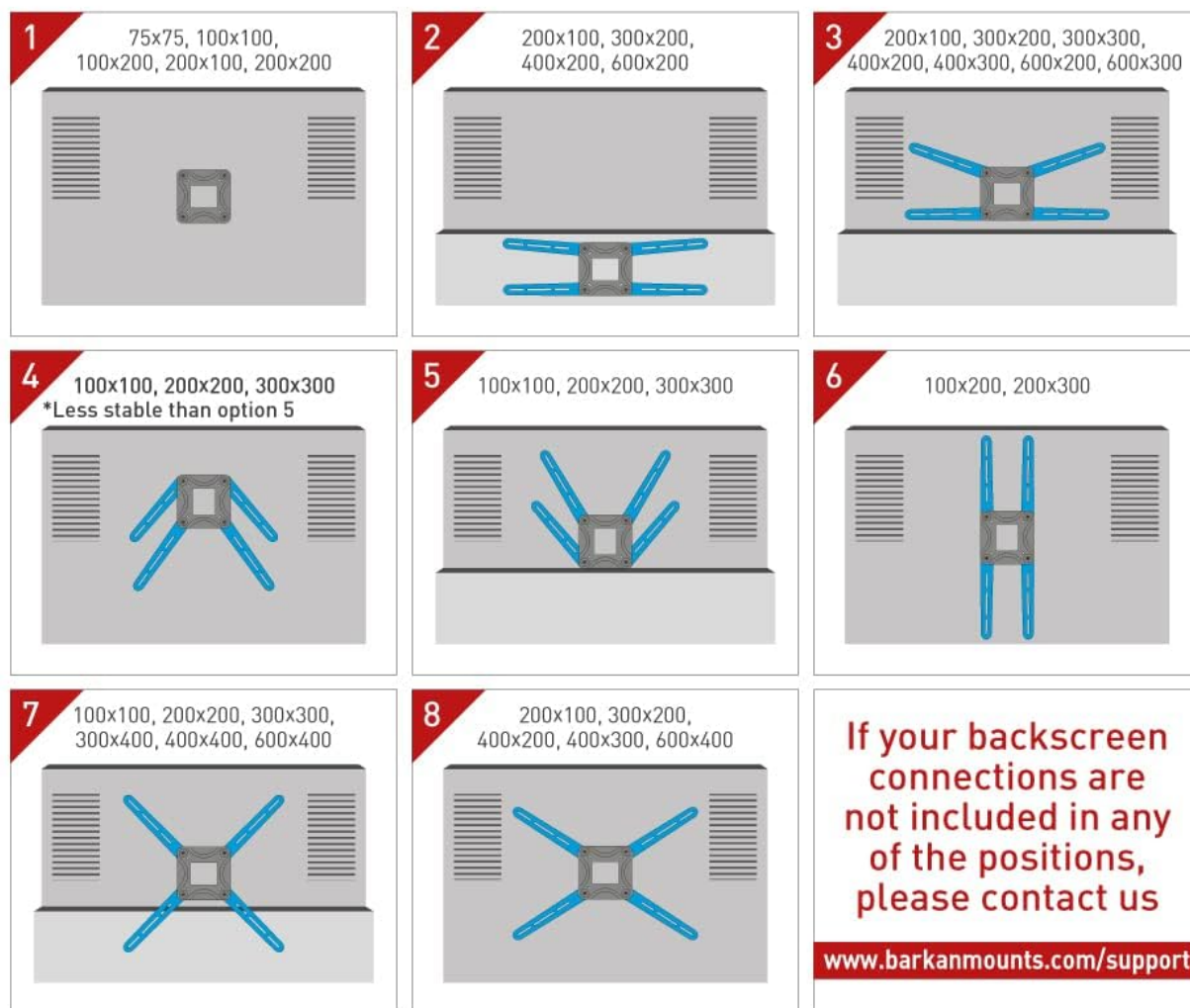


Image: Multiple examples of VESA backscreen connection positioning options, ranging from 75x75mm to 400x400mm, to guide proper adapter placement.

## Hardware Kit

The Barkan Hardware Kit includes components for both wall mounting and TV mounting. Please check the list of included screen-connection screws in the assembly instructions. If your screen requires different screws, please purchase them from your local hardware store or contact Barkan support.

- **Wall Mounting:** Barkan's wall screws, Barkan's wall anchors (for concrete, block, wood walls)
- **TV Mounting Screws:** M8, M6, M4 Screws (compatible with 90% of popular TVs)
- **Other:** Metal washers, Plastic spacers

# Quality & Safety Above All It all starts from the smallest detail...

## High quality hardware

Where safety and quality are top priorities, we have developed our own unique wall anchor and screws



## Barkan Hardware Kit

Divided and marked hardware kit for easy orientation throughout the assembly process



TV screws compatible with 90% of popular TVs

If your screen requires different screen-connection screws, please purchase them in your local hardware store or contact us at [sales.usa@barkanmounts.com](mailto:sales.usa@barkanmounts.com)

Image: Contents of the Barkan Hardware Kit, detailing screws for wall and TV mounting, anchors, washers, and spacers.

## OPERATING INSTRUCTIONS

The Barkan Full Motion Articulating TV Wall Mount offers extensive adjustability for optimal viewing angles. It features 3 pivots for movement:

- **Rotation near the wall:** 180°
- **Folding:** 360°
- **Swivel near the screen connection plate:** 180°

Additionally, the mount provides a tool-free tilt from -5° to 15° and a +/-5° leveling adjustment after installation. To adjust the TV, gently push or pull it to the desired angle. The mount allows for easy rotation, swivel, or tilt to achieve the perfect viewing position.





Max. load  
**80lbs/ 36kg**



**75x75-400x400mm**  
Backscreen VESA connection



Tested at:  
**320lbs/ 144kg**

## Get a better point of view

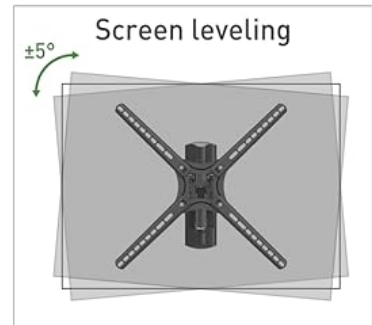
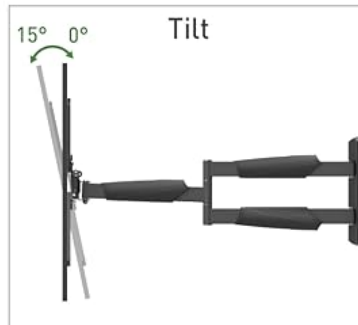
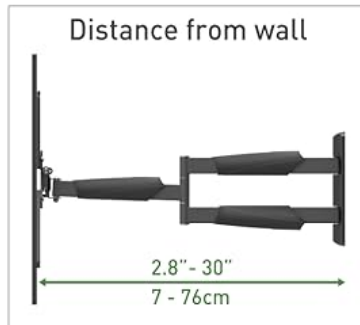
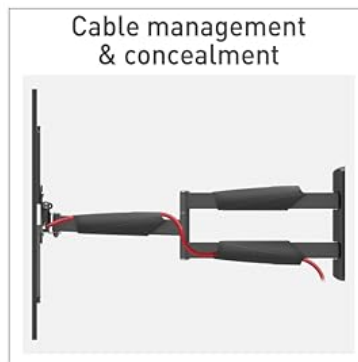
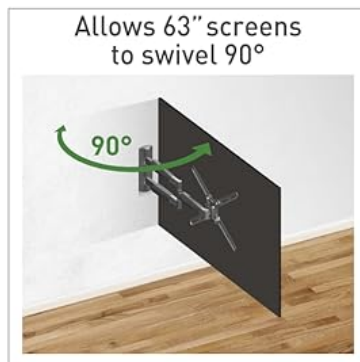


Image: Visual representation of the mount's functionality, showing adjustable distance from the wall (2.8"-30"), tilt range (0-15 degrees), and screen leveling (±5 degrees).

## Cable Management

The mount includes integrated cable management features to help organize and conceal wires, contributing to a tidy installation.

## Get extra features and functionality



# Barkan Mounts, the Safe Choice

Your family won't complain that you installed a Barkan Mount

Image: Additional features of the mount, including the ability to swivel 90 degrees for screens up to 63 inches, integrated cable management, and its suitability for corner installations.

## MAINTENANCE

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To ensure the longevity and proper function of your TV wall mount, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check all screws and connections to ensure they remain tight and secure.
- **Cleaning:** Clean the mount with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Lubrication:** The articulating arms are designed for smooth movement. If any stiffness occurs over time, a small amount of silicone-based lubricant can be applied to the pivot points.
- **Weight Limit:** Never exceed the maximum weight capacity of 80 lbs (36 kg).

## TROUBLESHOOTING

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

- **Problem:** TV is not level after installation.  
**Solution:** Use the  $\pm 5^\circ$  leveling adjustment feature. Loosen the leveling screws slightly, adjust the TV to be level, and then retighten the screws.
- **Problem:** Mount feels loose or unstable.  
**Solution:** Recheck all wall mounting screws and TV connection screws. Ensure they are tightened securely. Verify that the wall type is compatible and that appropriate anchors were used.
- **Problem:** Difficulty moving the TV or adjusting angles.  
**Solution:** Ensure no cables are snagged or obstructing movement. Check for any debris in the pivot points. If necessary, apply a small amount of silicone lubricant to the articulating joints.
- **Problem:** Missing parts or incorrect screws.  
**Solution:** Refer to the hardware kit diagram in this manual. If parts are genuinely missing or incorrect for your TV, contact Barkan customer support.

For further assistance, please contact Barkan support.

## WARRANTY

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This Barkan TV mount comes with a **Lifetime Limited Warranty**. All Barkan products undergo strict quality tests, and this mount has been tested with four times its declared weight capacity to ensure durability and safety. For detailed warranty terms and conditions, please visit the Barkan website or contact customer support.

## SUPPORT AND CONTACT INFORMATION

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Barkan Mounts is committed to enhancing your viewing experience. Our customer service experts are available to assist you with any questions or concerns.

For more information, help, manuals, FAQs, or to contact support, please visit our website:

[www.barkanmounts.com/support](http://www.barkanmounts.com/support)

You may also consult us at [sales.usa@barkanmounts.com](mailto:sales.usa@barkanmounts.com) for screen-connection screw inquiries.

