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› Barkan TV Wall Mount Instruction Manual

Barkan E400+.B

Barkan TV Wall Mount Instruction Manual

Model: **E400+.B** | Brand: **Barkan**

1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Barkan Fixed TV Wall Mount (Model E400+.B). Please read this manual thoroughly before beginning installation and retain it for future reference. This mount is designed for 13-90 inch flat or curved screens, supporting up to 132 lbs (60 kg).

Key features include a very low profile design, an auto-locking patented mechanism for enhanced safety, and robust metal construction ensuring extra stability.

2. PACKAGE CONTENTS

Before installation, verify that all components are present and undamaged. The package typically includes:

- Barkan E400+.B TV Wall Mount bracket
- Assembly instructions
- Wall screws and anchors (suitable for various wall types)
- Mounting hardware (various TV screws, washers, 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's 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

Figure 2.1: Included hardware kit with labeled components.

3. SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. Follow these steps carefully. For a visual guide, please refer to the official installation video below.

3.1. Wall Compatibility and Required Tools

Ensure your wall type is compatible with the mount. This mount is suitable for drywall with wood studs and concrete blocks/concrete walls. It is **not** suitable for drywall/gypsum/plaster without studs.

Easy
installation

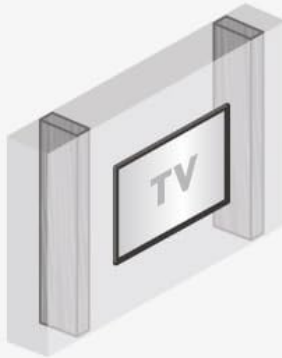


Included in the packaging are **assembly instructions, warnings and safety instructions.** If they are missing, you are required to download them from our website and to assemble precisely according to them.

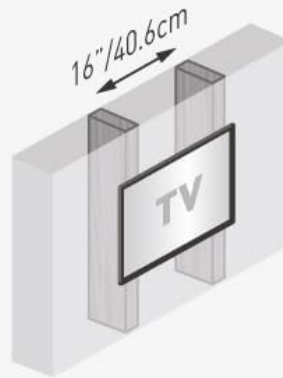
Wall compatibility



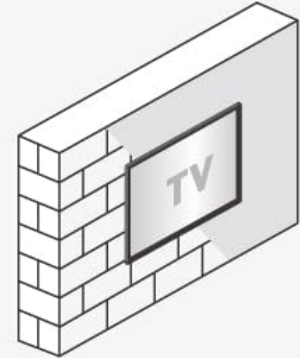
Drywall/
gypsum/
plaster



Drywall with
wood studs



Concrete blocks/
concrete wall



Required

Drill



1/4" - 6mm

3/8" - 10mm



5/32" - 4mm



Level



Safety glasses



Stud finder



Figure 3.1: Wall compatibility types and necessary tools for installation.

Required Tools: Drill (1/4" - 6mm or 3/8" - 10mm), Level, Safety glasses, Stud finder.

3.2. Assembly Steps

1. **Attach the adapters to the rear side of the TV:** Secure the vertical rails to the VESA mounting holes on the back of your television using the appropriate screws and spacers from the hardware kit. Ensure a snug fit.
2. **Install the bracket on the wall:** Locate the wall studs (for drywall) or mark the drilling points (for concrete). Drill pilot holes and securely attach the wall plate to the wall using the provided wall screws and anchors. Use a level to ensure the wall plate is perfectly horizontal.
3. **Snap the TV onto the bracket:** Carefully lift the television with the attached adapters and hook it onto the wall plate. The patented auto-locking mechanism will engage, securing the TV in place with an audible 'click'.

Easy assembly



Figure 3.2: Visual representation of the three easy assembly steps.

3.3. Backscreen Connection Positioning

The vertical rails offer various positioning options for optimal backscreen connection. Refer to the diagram for common configurations.

Backscreen connection positioning options

A few sizes of vertical rails (marked in blue) for TV backscreen connections are available. The positions are (Width x Height) 75x75 - 600x400 millimeters.

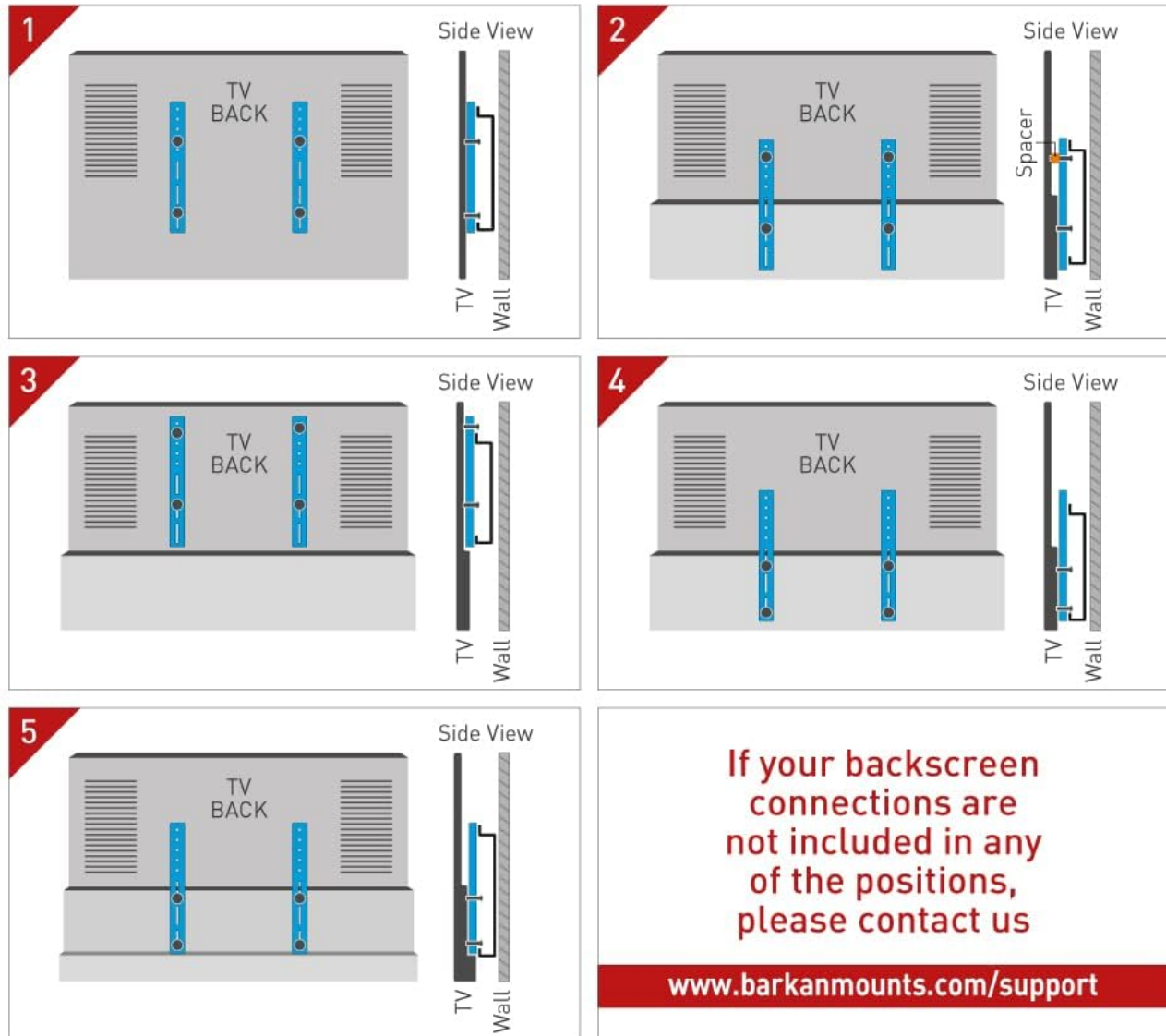


Figure 3.3: Different backscreen connection positioning options for the vertical rails.

3.4. Official Installation Video

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Video 3.1: Official Barkan Fixed TV Mounts installation guide. This video demonstrates the installation process and highlights key features of the mount.

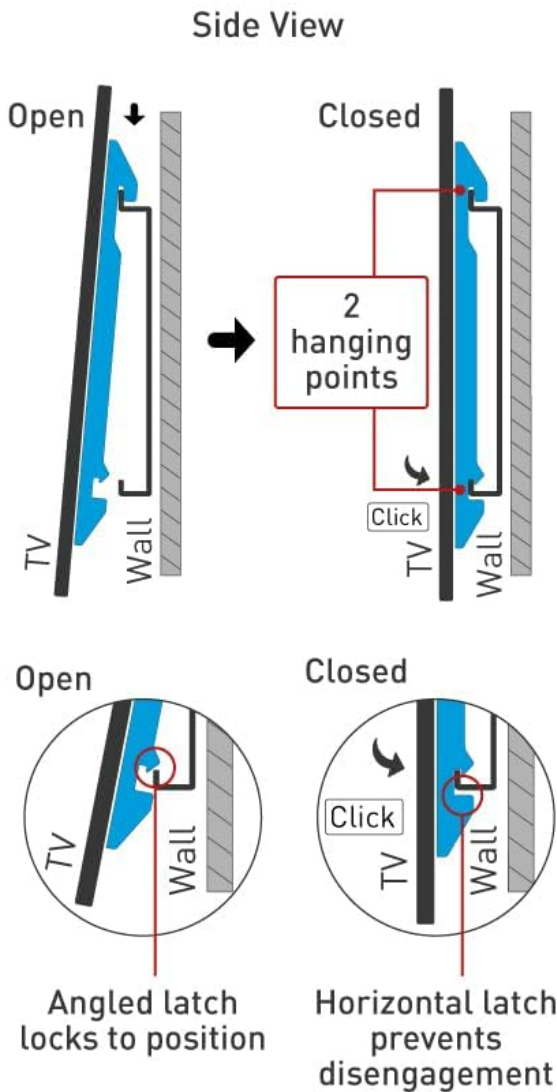
4. OPERATING THE MOUNT

The Barkan E400+.B is a fixed TV wall mount, meaning it holds your television securely in a stationary position close to the wall. It does not offer tilt, swivel, or extension capabilities.

4.1. Auto-Locking Safety Mechanism

This mount features a patented auto-locking mechanism that automatically prevents the disengagement of the screen from the wall. Unlike screw-locking mechanisms, there are no cords or springs that might break. It includes two hanging points on each side for enhanced security.

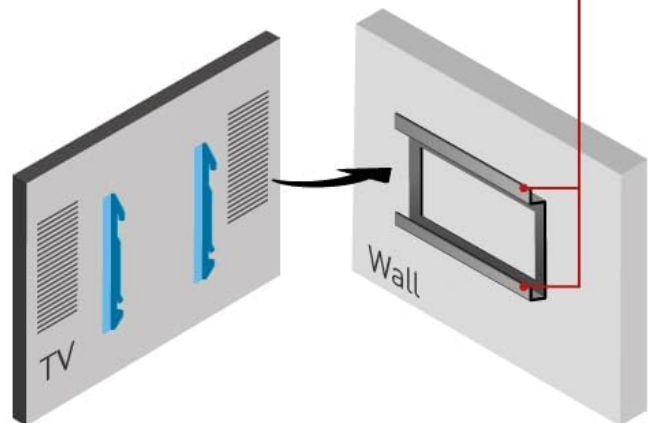
Auto Locking Safety Mechanism



Patent No.

USA – US 10018299 B2

China – ZL 2016 2 0900211.5



- Automatically prevents disengagement of the screen, unlike a screw locking mechanism which normally is not performed
- No wires or moving parts that can fail or break as in spring locking mechanism
- 2 hanging points compared to only 1 in most other systems

Figure 4.1: Diagram illustrating the auto-locking safety mechanism, showing angled and horizontal latches.

4.2. Low Profile Design

The mount is designed for a very low profile, positioning your TV just 1.1 inches (2.8 cm) from the wall, providing a sleek and clean appearance.



Figure 4.2: Visual representation of the mount's low profile and patented features.

5. MAINTENANCE

To ensure the longevity and continued safe operation of your Barkan TV Wall Mount, periodic maintenance is recommended:

- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. Avoid using abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and connections to ensure they remain tight and secure. Over time, vibrations or minor shifts can loosen fasteners.
- **Weight Check:** Always ensure that the weight of your television does not exceed the maximum load capacity of 132 lbs (60 kg).

6. TROUBLESHOOTING

If you encounter any issues during or after installation, please review the following common points:

- **TV not level:** Ensure the wall plate was installed level. The mount includes a built-in level for assistance during installation.
- **Screws not fitting/long enough:** The mount comes with a variety of screws to fit most TVs. If your TV requires different screen-connection screws, please purchase them from a local hardware store or contact Barkan support.
- **TV not securely attached:** Ensure the auto-locking mechanism has fully engaged. You should hear a 'click' when the TV is properly seated. Verify that the horizontal latch prevents disengagement.

For further assistance, please contact Barkan customer service or visit their website for FAQs and video demonstrations.

7. SPECIFICATIONS

Detailed specifications for the Barkan E400+.B TV Wall Mount:

Feature	Specification
Product Dimensions	26.65 x 6.69 x 1.18 inches
Item Weight	3.03 pounds
Model Number	E400+.B
Mounting Type	Wall Mount
Movement Type	Fixed
Brand	Barkan
Material	Metal
Maximum Compatible Size	100 Inches
Minimum Compatible Size	13 Inches
Maximum Load Capacity	132 lbs (60 kg) - <i>Tested with 465 lbs</i>
VESA Compatibility	75x75, 100x100, 100x200, 200x100, 200x200, 200x300, 300x200, 300x300, 300x400, 400x200, 400x300, 400x400, 600x200, 600x300, 600x400 mm and non-VESA up to 600x400 mm.

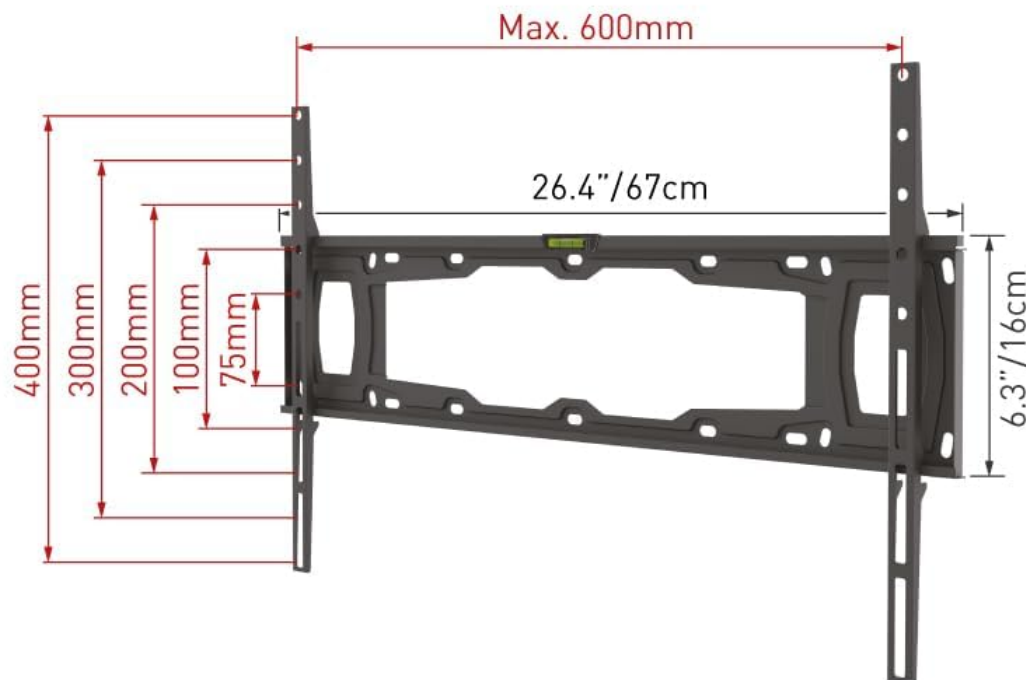
Specifications

Backscreen connection
75x75 – 600X400 VESA and non VESA

Distance from wall

Side view

1.1" / 2.8cm



Open



Closed



All rights reserved. Specifications and colors are subject to change without prior notice, and may differ slightly from what is shown. Actual product may vary due to constant product enhancement. Also compatible with smaller or larger screen sizes, where their specifications comply to the mount's loading capacity and VESA back hole pattern.

Figure 7.1: Detailed specifications and backscreen connection dimensions.

8. WARRANTY AND SUPPORT

Barkan Mounts stands behind the quality of its products.

8.1. Lifetime Limited Warranty

This Barkan TV Wall Mount comes with a **Lifetime Limited Warranty**. All Barkan products undergo strict quality tests, and this mount has been tested with 465 lbs, significantly exceeding its declared weight limit of 132 lbs (60 kg).

8.2. Customer Support and Resources

For any questions, assistance, or to download additional resources such as manuals and FAQs, please visit the official Barkan website or contact their customer service experts, available every day of the week.

- Official Website: www.barkanmounts.com
- Installation Manual (PDF): [Download PDF](#)
- Safety Information (PDF): [Download PDF](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question