

Barkan 3400L.B

Barkan Long TV Wall Mount (Model 3400L.B) Instruction Manual

For 13-80 inch Full Motion Articulating Flat/Curved Screen Bracket

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Barkan Long TV Wall Mount, Model 3400L.B. This mount is designed for 13-80 inch flat and curved screens, offering full motion articulation for optimal viewing flexibility. It features an exceptionally long extension, allowing a 50-inch screen to rotate 90 degrees perpendicular to the wall, while maintaining a low profile when folded. Please read these instructions carefully before installation and use to ensure safe and correct operation.



Image: The Barkan Long TV Wall Mount, Model 3400L.B, shown with its retail packaging. The mount is black, featuring an articulating arm and a VESA compatible plate for TV attachment.

PACKAGE CONTENTS

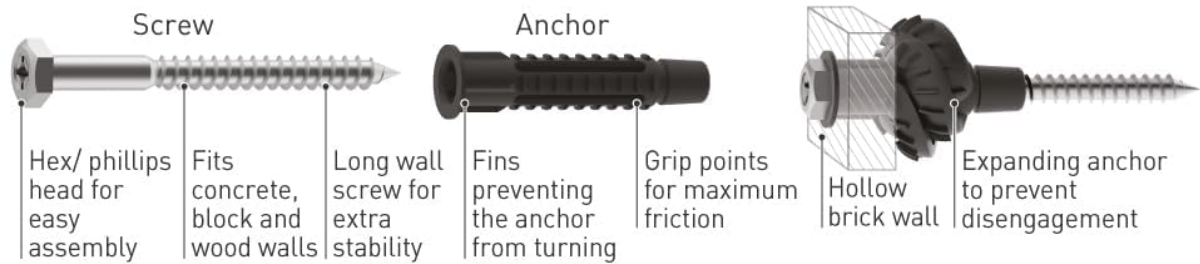
Before beginning installation, verify that all components are present in the package:

- TV Mount
- Hardware Kit (various screws, anchors, washers, spacers)
- Instruction Manual

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

Image: A detailed view of the Barkan Hardware Kit, including various screws (hex/phillips head, long wall screws, M8, M6, M4), wall anchors (fins, expanding), metal washers, and plastic spacers. These components are essential for wall and TV attachment.

SETUP AND INSTALLATION

The Barkan Long TV Wall Mount is designed for a self, easy, and fast assembly process. Follow these steps carefully:

1. Wall Compatibility and Preparation

Ensure your wall type is suitable for mounting. The mount is compatible with:

- Drywall with wood studs
- Concrete blocks / Concrete wall

Note: The mount is **not** compatible with drywall/gypsum/plaster without wood studs.

Required Tools:

- Drill (with 1/4" - 6mm, 3/8" - 10mm, and 5/32" - 4mm bits)
- Level

- Stud finder (if mounting to wood studs)

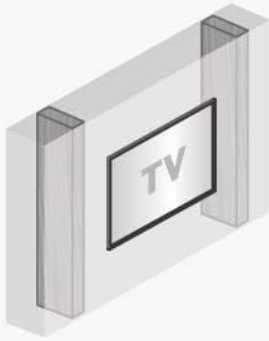


Included in the packaging are **assembly instructions, warnings and safety instructions**. If they are missing, you are required to download them from our website and to assemble precisely according to them.

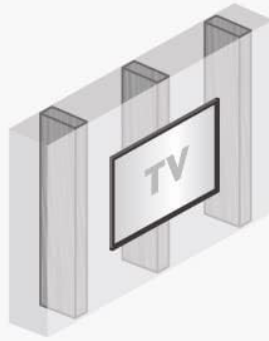
Wall compatibility



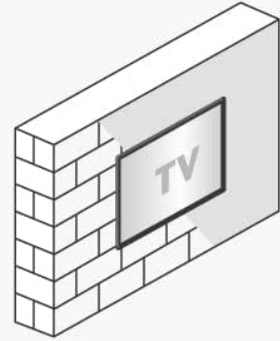
Drywall/
gypsum/
plaster



Drywall with
wood studs



Concrete blocks/
concrete wall



Required

Drill

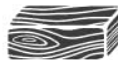


1/4" – 6mm

3/8" – 10mm



5/32" – 4mm



Level



Stud finder



Included



TV screws compatible
with 90% of popular TVs

Image: A diagram illustrating suitable wall types for installation (drywall with wood studs, concrete) and incompatible types (drywall without studs). It also lists required tools like a drill, level, and stud finder, along with included TV screws.

2. Attaching Adapters to the TV

The mount is designed to fit various screen types, including flat and curved TVs, and those with special back structures. The four adapters can move in two dimensions to ensure a firm fit without additional spacers.

1. Identify the VESA mounting holes on the back of your TV.
2. Select the appropriate screws (M4, M6, or M8) from the hardware kit that fit your TV's VESA holes.
3. Connect the TV plate adapters to the rear side of the TV using the selected screws. Ensure they are securely fastened.

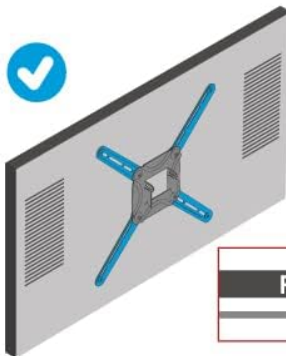
Fits various screen types



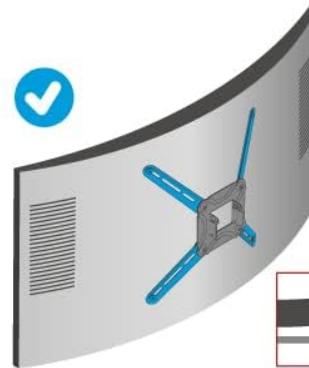
Patent No.

USA – 10,145,503

China – ZL 2015 2 0838239.6



Flat TV



Curved TV

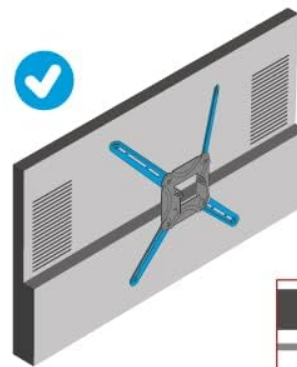
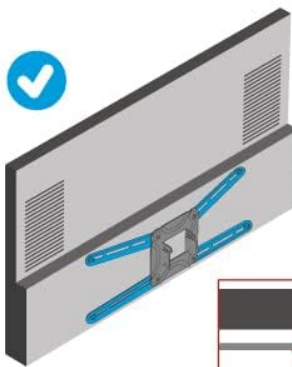


Image: Diagrams demonstrating how the mount's adapters accommodate different TV back designs, including flat screens, curved screens, and screens with irregular surfaces, ensuring a secure fit.

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).

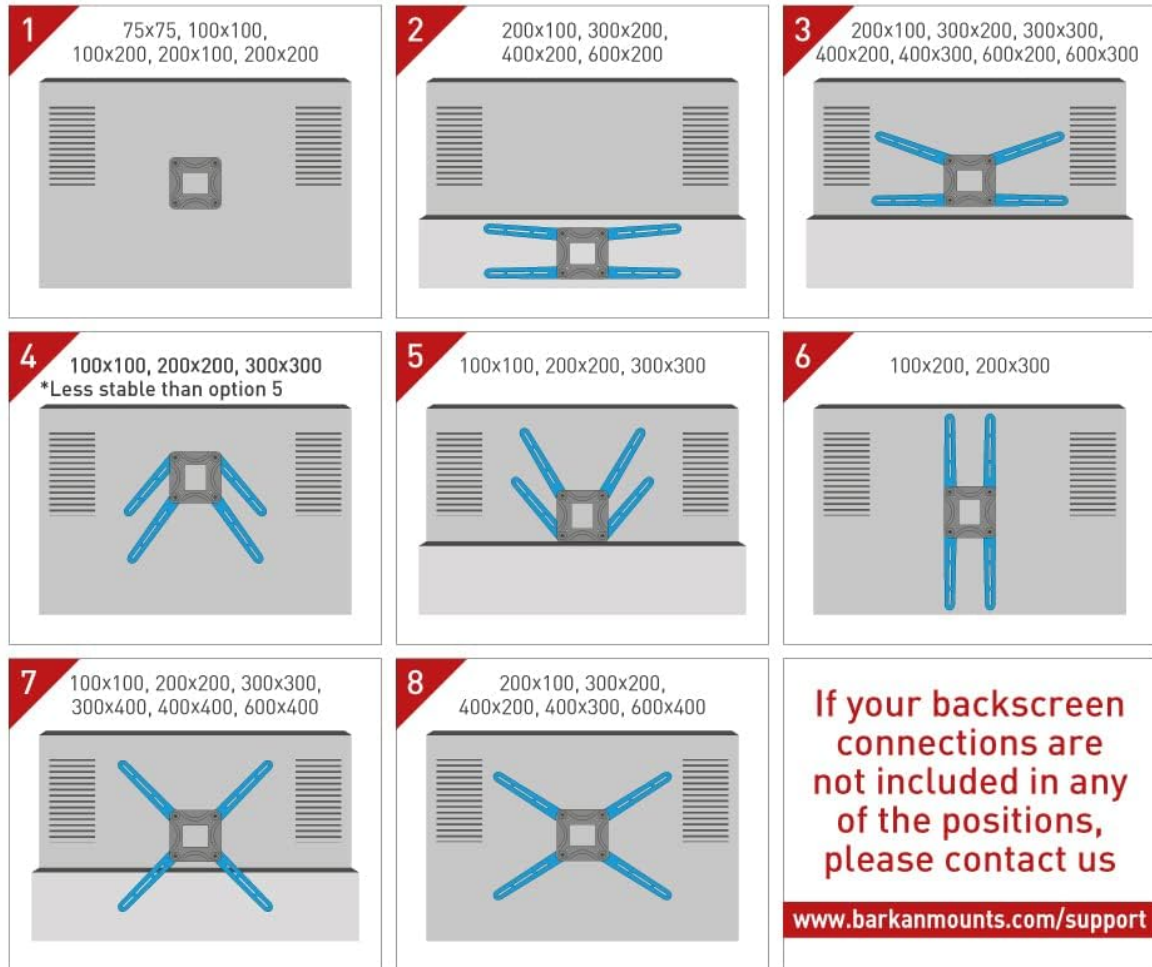


Image: A grid of eight diagrams illustrating various backscreen VESA connection positioning options (e.g., 75x75, 100x100, 200x200, 400x400, 600x400 mm) and how the four adapters can be configured to match these patterns. If your TV's pattern is not shown, contact support.

3. Installing the Bracket on the Wall

1. Determine the desired height and location for your TV. Use a stud finder to locate wood studs if applicable.
2. Use the included drilling template to mark the drilling points on the wall.
3. Drill pilot holes according to the wall type and anchor requirements.
4. Securely install the wall bracket using the appropriate wall screws and anchors from the hardware kit. Ensure the bracket is level.

4. Snapping the TV onto the Bracket

1. Carefully lift the TV (with adapters attached) and align it with the wall bracket.
2. Snap the TV onto the bracket, ensuring it is securely engaged.
3. Engage the Fall Proof system to prevent accidental disengagement of the screen.

Additional value for money

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



Drilling template included

- ✓ Easy installation
- ✓ Accurate
- ✓ Fast



Image: A visual guide demonstrating the three-step assembly: 1. Connect the TV plate to the back of the TV, 2. Install the bracket on the wall, 3. Snap the TV onto the bracket. A drilling template is also shown for easy and accurate installation.

Greatest value for money



Image: This diagram highlights key safety features of the mount, including testing at 330 lbs (150 kg) for extra safety, a fall-proof mechanism to prevent the TV from detaching, and integrated cable management for a tidy appearance. It also notes the patented design.

OPERATING THE MOUNT

The Barkan Long TV Wall Mount offers full motion capabilities, allowing you to adjust your TV for the optimal viewing experience.

Adjustments:

- **Rotation:** The double arm rotates 180° near the wall.
- **Fold:** The arm can fold 360°.
- **Swivel:** The screen connection plate swivels 180°.
- **Tilt:** Tool-free tilt adjustment from 0° to 10°.
- **Leveling:** The screen can be leveled $\pm 5^\circ$.

To adjust, gently push or pull the TV to the desired angle. The mount is designed for smooth movement.

Full Motion

PREMIUM



Image: A diagram illustrating the full motion capabilities of the Barkan TV mount, including a maximum load of 110 lbs (50 kg), tilt range of 0°-15°, 180° swivel, ±5° leveling, and an extension range of 26.4 inches (67 cm) from the wall. VESA compatibility from 75x75mm to 600x400mm is also indicated.

Determining Maximum Swivel Angle:

The maximum swivel angle depends on your TV's size and its distance from the wall. For optimal viewing, the 'line of sight' should be perpendicular (90°) to the screen.

- Up to 52" TVs: Can achieve a 90° swivel.
- 65" TVs: Can achieve approximately a 56° swivel.
- 86" TVs: Can achieve approximately a 39° swivel.

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

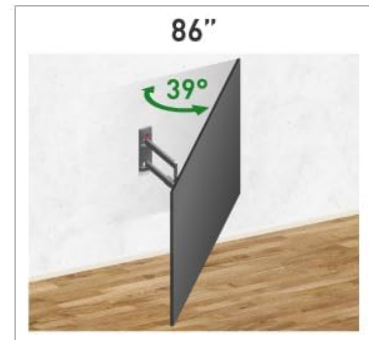
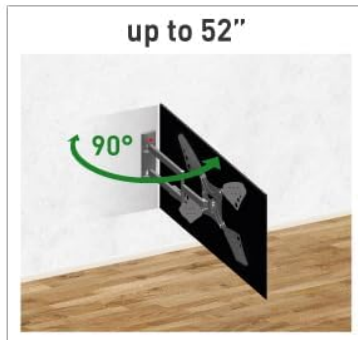


Image: Diagrams illustrating the maximum swivel angles achievable for different TV sizes when mounted. A 52-inch TV can swivel 90 degrees, a 65-inch TV can swivel 56 degrees, and an 86-inch TV can swivel 39 degrees, demonstrating the range of motion.

MAINTENANCE

To ensure the longevity and proper function of your Barkan TV Wall Mount, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check all screws and connections to ensure they remain tight and secure.
- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. Avoid using abrasive cleaners or solvents.
- **Movement Check:** Occasionally move the TV through its full range of motion to ensure smooth articulation. If any stiffness is noted, check for obstructions or loose components.

TROUBLESHOOTING

If you encounter issues with your Barkan TV Wall Mount, refer to the following common problems and

solutions:

- **TV does not fit the VESA plate:** Ensure you have selected the correct VESA pattern and screws for your TV. The mount supports VESA standards from 75x75mm up to 600x400mm. If your TV has a non-standard back structure, the adjustable adapters should accommodate it. Refer to the 'Backscreen connection positioning options' diagram. If issues persist, contact Barkan support.
- **Tilt mechanism does not hold position:** Ensure all tilt adjustment screws are tightened sufficiently. If the tilt continues to slip, inspect the mechanism for any damage or wear.
- **Mount feels unstable or makes cracking sounds:** This often indicates improper installation. Verify that the wall bracket is securely fastened to a suitable wall structure (wood studs or concrete) using the correct anchors and screws. Ensure all connections are tight. **Do not exceed the maximum weight capacity of 110 lbs (50 kg).**
- **Difficulty moving the TV:** Check for any obstructions or cables that might be snagged. Ensure the mount's joints are not overly tightened.

For further assistance, please contact Barkan customer support.

SPECIFICATIONS

Feature	Specification
Product Dimensions	16.73 x 11.89 x 2.28 inches
Item Weight	10.34 pounds
Item Model Number	3400L.B
Mounting Type	Wall Mount
Movement Type	Articulating, Full Motion
Brand	Barkan
Material	Metal
Color	Black
Compatible Devices	Television (13-80 inches)
Maximum Tilt Angle	10 Degrees (0° to 10°)
Swivel Angle	180° (near screen connection plate)
Rotation Angle	180° (near wall, double arm)
Extension from Wall	Min. 3" (7.5cm) / Max. 26.4" (67cm)

Feature	Specification
Maximum Load Capacity	110 lbs (50 kg)
VESA Compatibility	75x75, 100x100, 100x200, 200x100, 200x200, 300x300, 300x400, 400x200, 400x300, 400x400, 600x300, 600x400 mm and non VESA up to 600x400 mm
UPC	818212001049

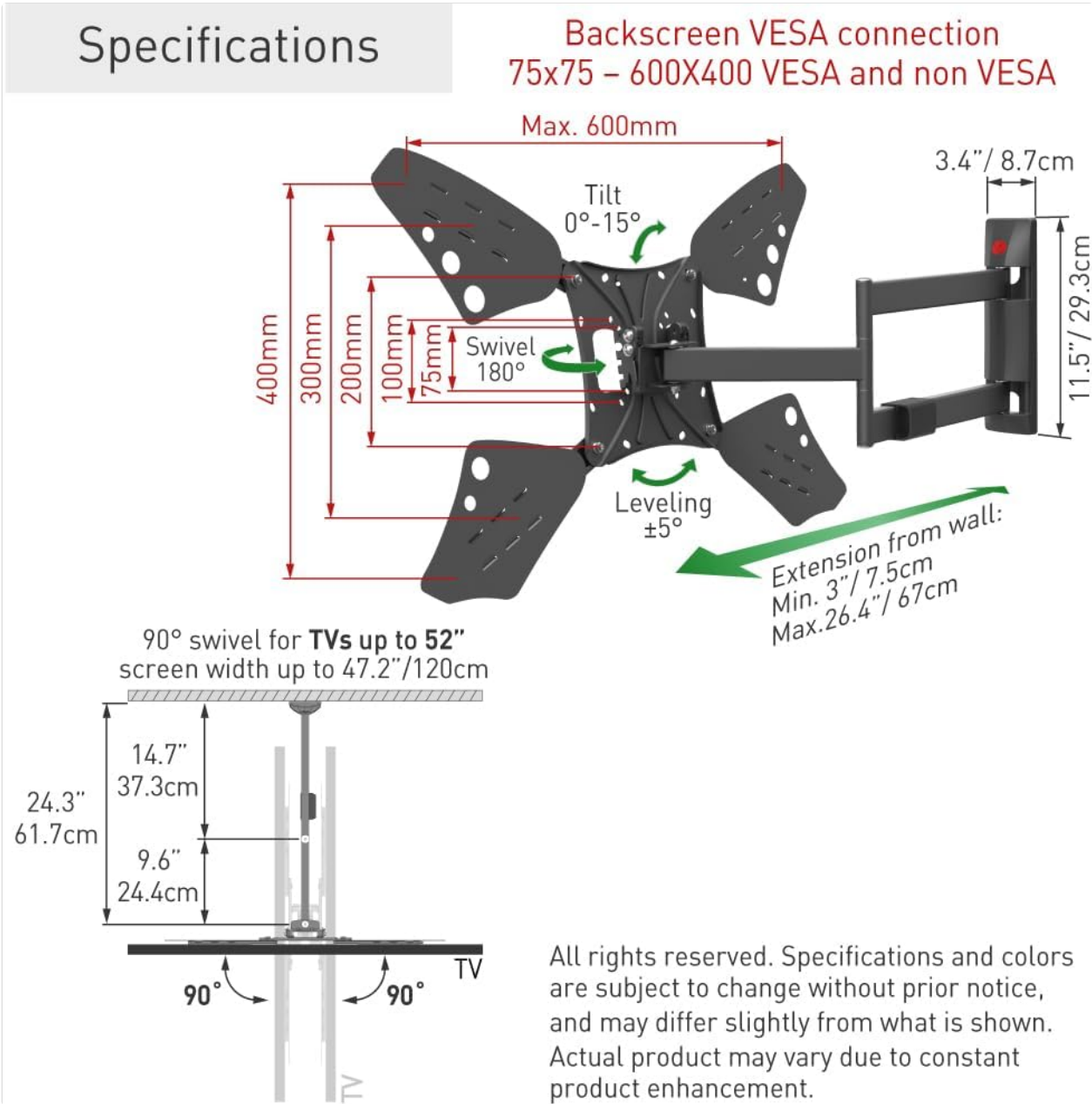


Image: A technical diagram detailing the specifications of the Barkan TV mount, including VESA connection patterns (75x75 to 600x400 mm), tilt range (0°-15°), swivel (180°), leveling (±5°), and extension from the wall (Min. 3" / 7.5cm, Max. 26.4" / 67cm). It also shows the dimensions of the mount components.

WARRANTY AND SUPPORT

Lifetime Limited Warranty

Barkan Mounts provides a Lifetime Limited Warranty for this product. This mount has been rigorously tested


with three times its declared weight capacity to ensure durability and safety. All Barkan products undergo strict quality tests.


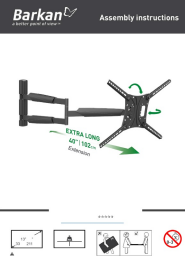



Barkan has been developing and manufacturing mounting systems since 1988, establishing a reputation for innovative, high-quality, and trustworthy products. The company's commitment to quality is reflected in its patented designs and comprehensive testing procedures.



Image: A graphic highlighting Barkan's

Related Documents - 3400L.B

	<p>Barkan BM343XL Extra Long TV Wall Mount Assembly Instructions and User Manual</p> <p>Comprehensive assembly instructions and user manual for the Barkan BM343XL Extra Long TV Wall Mount. This guide covers installation, safety precautions, and usage details for mounting TVs from 13" to 65".</p>
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 <p>The image shows the cover of the assembly instructions for the Barkan BM331 TV Wall Mount. It features a black and white photograph of the mount's arm and bracket. Below the photo are several small icons: a warning symbol, a screwdriver, a drill, a person, and a 'no' symbol. The text 'Barkan' and 'Assembly Instructions' is visible at the top.</p>	<p>Barkan BM331 TV Wall Mount Assembly Instructions Full Motion Mount</p> <p>Comprehensive assembly instructions for the Barkan BM331 Full Motion TV Wall Mount. Learn how to safely install your TV (13"-65") with this versatile, rotating, folding, and tilting mount. Includes parts list, required tools, and step-by-step guidance.</p>
 <p>The image shows the cover of the installation guide for the Barkan Extra Long TV Wall Mount. It features a black and white photograph of the mount's arm and bracket. Below the photo are several small icons: a warning symbol, a screwdriver, a drill, a person, and a 'no' symbol. The text 'Barkan' and 'Assembly Instructions' is visible at the top.</p>	<p>Barkan Extra Long TV Wall Mount Installation Guide</p> <p>Comprehensive instructions for installing the Barkan Extra Long TV Wall Mount, covering safety precautions, parts identification, required tools, and step-by-step assembly for various TV sizes and wall types.</p>
 <p>The image shows the cover of the assembly instructions for the Barkan AM464L TV Wall Mount with Integrated Antenna. It features a black and white photograph of the mount's arm and bracket. Below the photo are several small icons: a warning symbol, a screwdriver, a drill, a person, and a 'no' symbol. The text 'Barkan' and 'Assembly Instructions' is visible at the top.</p>	<p>Barkan AM464L TV Wall Mount with Integrated Antenna Assembly Instructions</p> <p>Comprehensive assembly and installation guide for the Barkan AM464L Full Motion TV Wall Mount with Integrated Amplified HDTV Indoor Antenna. This document provides step-by-step instructions, safety warnings, and part lists for securely mounting your TV.</p>
 <p>The image shows the cover of the assembly and safety instructions for the Barkan WGP-BASIC-BNG-2202-Online monitor desk mount. It features a red and white warning symbol at the top. Below the symbol is a QR code and a small image of the desk mount. The text 'Barkan' and 'Assembly Instructions' is visible at the top.</p>	<p>Barkan WGP-BASIC-BNG-2202-Online Monitor Desk Mount Assembly and Safety Instructions</p> <p>Comprehensive safety and assembly instructions for the Barkan WGP-BASIC-BNG-2202-Online monitor desk mount, covering installation, usage guidelines, and important warnings.</p>
 <p>The image shows the cover of the assembly instructions and user manual for the Barkan Mobile TV Cart (SW310H). It features a black and white photograph of the mobile TV cart. Below the photo are several small icons: a warning symbol, a screwdriver, a drill, a person, and a 'no' symbol. The text 'Barkan' and 'Assembly Instructions' is visible at the top.</p>	<p>Barkan Mobile TV Cart SW310H Assembly Instructions and User Manual</p> <p>Comprehensive assembly instructions and user manual for the Barkan Mobile TV Cart (SW310H). Learn how to safely install and use your TV mount, including parts identification, hardware details, and step-by-step assembly guidance for TVs from 13 to 65 inches.</p>

