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› [WUPRO QuadraArc 110-Inch Electric Automatic Drop Projection Screen Black Crystal 4K/8K HD User Manual](#)

WUPRO QuadraArc Electric Automatic Drop Projection Screen

WUPRO QuadraArc Electric Automatic Drop Projection Screen User Manual

Model: QuadraArc Electric Automatic Drop Projection Screen (110-inch)

Brand: WUPRO

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your WUPRO QuadraArc Electric Automatic Drop Projection Screen. This screen features Black Crystal Ambient Light Rejecting (ALR) technology, designed to deliver a superior viewing experience for 4K and 8K HD content, compatible with Short Throw (ST) and Long Throw (LT) projectors. Please read this manual thoroughly before use to ensure proper setup and optimal performance.



Image 1.1: WUPRO QuadraArc 110-inch projection screen in use, showcasing its visual capabilities.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or personal injury:

- Ensure the screen is installed by at least two people due to its size and weight.
- Verify that the mounting surface (wall or ceiling) can support the screen's weight.
- Do not attempt to disassemble or modify the screen's motor or electrical components.
- Keep the screen away from direct heat sources, open flames, and excessive moisture.
- Unplug the power cord before cleaning or performing any maintenance.
- Keep children and pets away from the screen during operation.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present:

- WUPRO QuadraArc Electric Automatic Drop Projection Screen
- Remote Control
- Power Cable

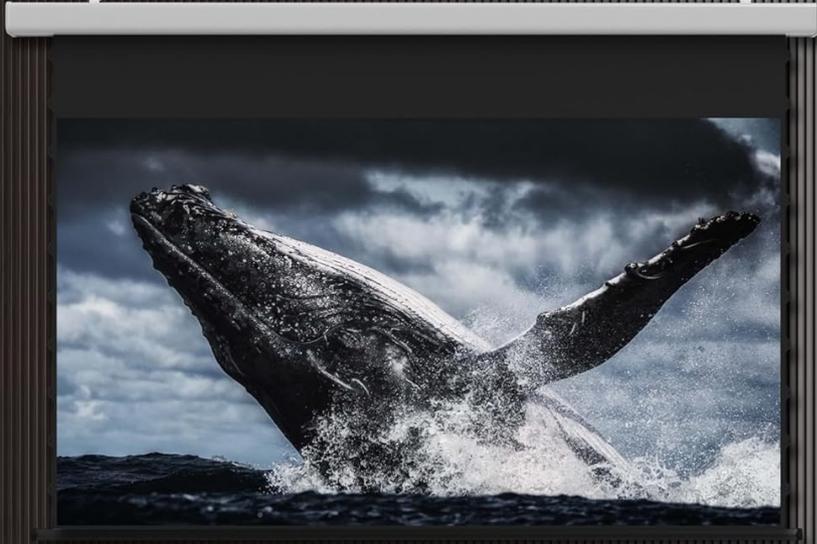
- Mounting Brackets (for Wall/Ceiling)
- Installation Hardware (screws, anchors)
- User Manual (this document)

4. FEATURES

- **Black Crystal ALR Screen:** Features a gain of 0.8, enhancing image fullness and color vibrancy.
- **Ambient Light Rejection:** Excellent rejection of ceiling ambient light ($\geq 70\%$), allowing for clear viewing even in bright environments (1800 ANSI lumens or higher telephoto projectors recommended).
- **High Definition Support:** Optimized for Full HD 4K/8K movie-like picture quality.
- **Wide Viewing Angle:** A 160° viewing angle ensures a broad field of view, suitable for various room layouts.
- **Projector Compatibility:** Designed for compatibility with both Short Throw (ST) and Long Throw (LT) projectors.
- **Multiple Control Options:** Includes remote control, wired control, and projector sync capabilities for convenience.
- **Minimalistic Design:** White rectangular casing for easy integration into any decor.

WUPRO® Cinema

QuadraArc ALR Smart Motorized Drop-Down Screen Black Crystal



ALR 70%



0.8 Gain



160° (Viewing Angle)



ST/LT Compatible



Black Level

Image 4.1: Key features of the WUPRO QuadraArc screen.

Black Crystal



Image 4.2: Visual representation of Black Crystal screen benefits.



Image 4.3: Compatibility with ST/LT projectors.

Suitable Scenarios for Drop-Down Screens



Image 4.4: Explanation of 70% Ambient Light Rejection (ALR).

Mounting Options Available

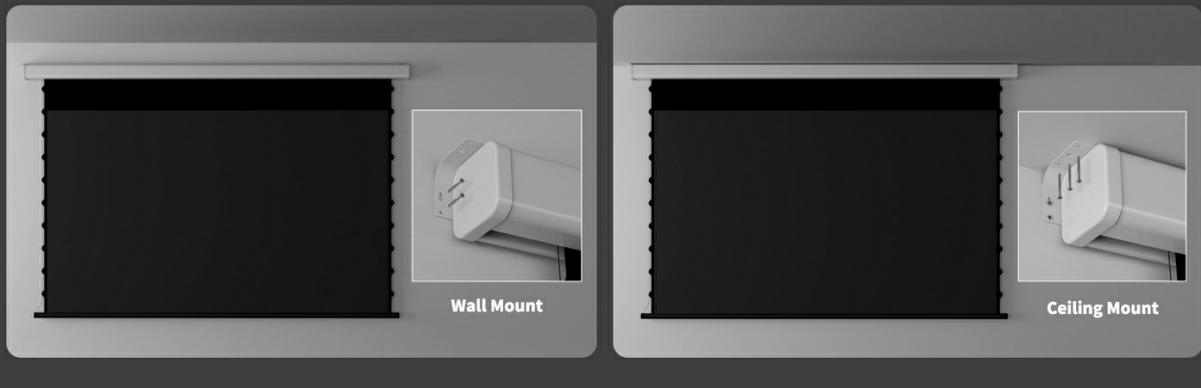


Image 4.5: Illustration of the 160° wide viewing angle.

5. SETUP AND INSTALLATION

The WUPRO QuadraArc screen is designed for manual installation. Please follow these steps carefully. It is recommended that two people perform the installation.

5.1 Choosing a Location

Select a flat, sturdy wall or ceiling area that can safely support the screen's weight. Ensure there is a power outlet nearby and sufficient space for the screen to fully extend.

5.2 Mounting Options

The screen supports both wall and ceiling mounting.

Mounting Options Available

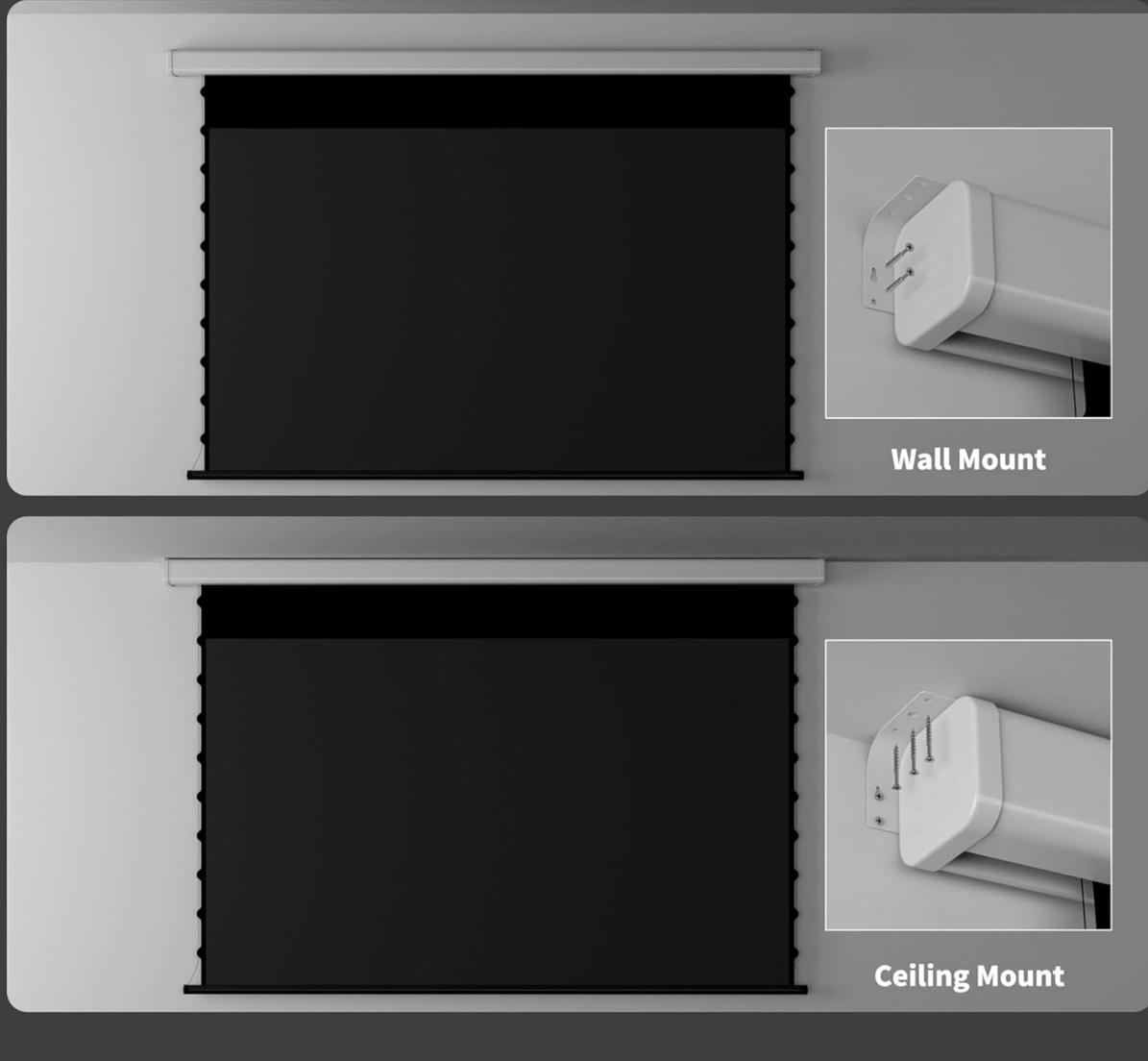


Image 5.1: Wall Mount and Ceiling Mount options.

5.3 Installation Steps

1. **Measure and Mark:** Determine the desired position for the screen. Use a level to mark the drilling points for the mounting brackets on the wall or ceiling.
2. **Drill Holes:** Drill pilot holes at the marked locations. Insert appropriate wall anchors if necessary.
3. **Attach Brackets:** Securely fasten the mounting brackets to the wall or ceiling using the provided screws. Ensure they are level and firmly attached.
4. **Mount Screen:** With assistance, carefully lift the projection screen and hook it onto the installed mounting brackets. Ensure the screen is securely seated in the brackets.
5. **Connect Power:** Plug the power cable into the screen and then into a power outlet.

6. OPERATION

Your WUPRO QuadraArc screen offers multiple ways to control its extension and retraction.

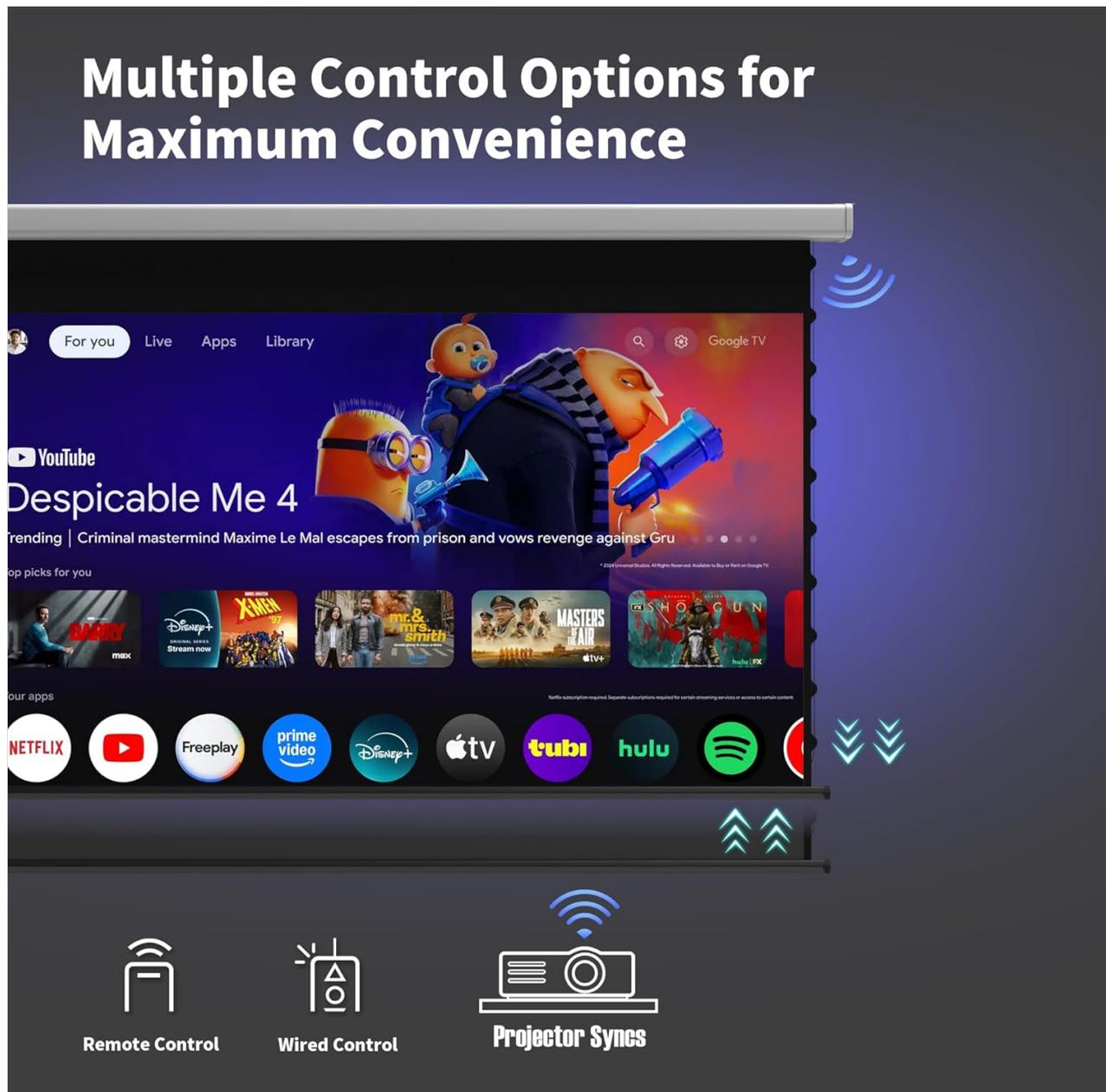


Image 6.1: Multiple control options for the screen.

6.1 Remote Control

Use the included remote control to operate the screen wirelessly.

- **Extend:** Press the **DOWN** button to lower the screen.
- **Retract:** Press the **UP** button to raise the screen.
- **Stop:** Press the **STOP** button to pause the screen at any desired position.

6.2 Wired Control

The screen may also feature a wired control panel, typically located on the screen casing or a wall switch. The buttons function identically to the remote control (UP, DOWN, STOP).

6.3 Projector Sync

If your projector supports it, you can connect the screen to your projector for automatic synchronization. When the projector is turned on, the screen will automatically extend; when the projector is turned off, the screen will retract. Refer to your projector's manual for specific connection instructions for screen synchronization.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projection screen.

7.1 Cleaning the Screen Surface

- Gently wipe the screen surface with a soft, lint-free cloth.
- For stubborn marks, lightly dampen the cloth with mild soap and water. Do not use harsh chemicals, abrasive cleaners, or excessive moisture.
- Avoid touching the screen surface with bare hands to prevent oil transfer.

7.2 Cleaning the Casing

Wipe the screen casing with a dry or slightly damp cloth to remove dust and dirt.

7.3 General Care

- Ensure the screen retracts fully when not in use to protect the surface.
- Avoid placing heavy objects on the screen casing.
- Regularly check mounting hardware for tightness.

8. TROUBLESHOOTING

If you encounter issues with your projection screen, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Screen does not extend/retract	No power; Remote control battery low; Motor malfunction	Check power connection; Replace remote batteries; Contact support if motor issue persists.
Screen stops midway	Obstruction; Limit switch setting; Power interruption	Remove any obstructions; Consult manual for limit switch adjustment (if applicable); Check power.
Image quality is poor	Projector settings; Ambient light; Screen surface dirt	Adjust projector focus/resolution; Reduce ambient light; Clean screen surface as per maintenance section.
Remote control not working	Batteries dead/incorrectly inserted; Remote out of range; Interference	Replace batteries, ensure correct polarity; Move closer to screen; Remove sources of interference.

9. SPECIFICATIONS

The following table outlines the technical specifications for the WUPRO QuadraArc 110-inch Electric Automatic Drop Projection Screen.

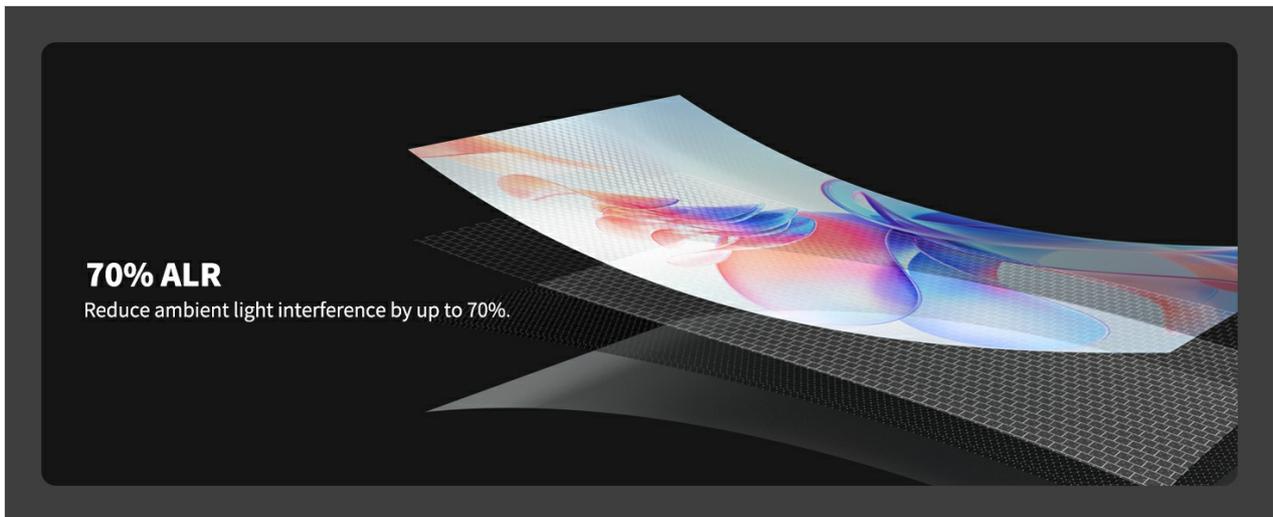


Image 9.1: Detailed dimensions and parameters for the QuadraArc screen series.

Feature	Detail
Brand	WUPRO
Model	QuadraArc Electric Automatic Drop Projection Screen
Screen Size (Diagonal)	110 inches
Aspect Ratio	16:9
Screen Surface	Black Crystal ALR (Matte)
Gain	0.8
Ambient Light Rejection	≥70% (ceiling light)
Viewing Angle	160°
Compatibility	ST/LT Projectors, 4K/8K HD
Mounting Type	Wall Mount, Ceiling Mount
Product Dimensions (W x H)	95.86" x 53.89" (Display Area)
Housing Length (L1)	2730 mm (for 110" screen)
Gross Weight	22.4 kg (for 110" screen)

10. WARRANTY AND SUPPORT

10.1 Product Warranty

WUPRO products are covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your product for specific terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

10.2 30-Day Price Protection

If the price of your WUPRO screen drops within 30 days of purchase on Amazon, you may be eligible for a refund of the difference. To claim, purchase the screen on Amazon, spot a lower price within 30 days, take a screenshot, and contact WUPRO customer support. This applies solely to Amazon store prices.



Image 10.1: Details on the 30-Day Price Protection policy.

10.3 Customer Support

For technical assistance, warranty claims, or any questions regarding your WUPRO product, please contact WUPRO customer support through the Amazon platform or visit the official WUPRO website for contact information.