

Elite Projector 100-inch/ 16:9

Elite Projector Evanesce Tab-Tension B 100-inch Projector Screen User Manual

Model: ETB100HW3-E12

Brand: Elite Projector

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1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Elite Projector Evanesce Tab-Tension B 100-inch 16:9 Recessed In-Ceiling Electric Tab-Tensioned Projector Screen, model ETB100HW3-E12. This screen is designed for concealed installations, offering a high-quality viewing surface for 4K Ultra HD and Active 3D projection.

The tab-tension system ensures a flat and uniform projection surface, free from distortions. The CineWhite UHD-B material provides a 1.3 gain with a 160-degree viewing angle, suitable for various projector types including Standard, Short Throw, and UHD/HD projectors.



Image: The Elite Projector Evanesce Tab-Tension B screen fully extended, showcasing its design and the included remote controls.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in injury or damage to the product.

- **Electrical Safety:** Ensure the power supply matches the screen's requirements. Disconnect power before any installation or maintenance. All electrical work should be performed by a qualified electrician.
- **Installation:** The screen must be securely mounted to a structurally sound ceiling. Use appropriate fasteners and follow all installation kit instructions. Improper installation can lead to the screen falling, causing severe injury or damage.
- **Handling:** Handle the screen with care to avoid damage to the casing or projection surface. Do not touch the screen surface with bare hands or sharp objects.
- **Children and Pets:** Keep children and pets away from the screen during operation to prevent entanglement or injury.
- **Environment:** Do not expose the screen to excessive moisture, heat, or direct sunlight. The aluminum

housing is moisture-resistant, but not waterproof.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Evanesce Tab-Tension B Projector Screen Unit
- Full In-Ceiling Installation Kit
- Infrared (IR) Remote Control
- Radio Frequency (RF) Remote Control
- Wall Box Controller with built-in IR sensor
- RJ50 Cable for wired 12-volt trigger feature
- User Manual (this document)

Evanesce Tab-Tension B Series

Control System



- **Wired 12v trigger capability using wall box controller or RF remote**
- **User-friendly programmable vertical stop position for easy installation**
- **Wall box controller: Removeable for a clean look while maintaining RF & IR functionality**
- **Built-in selectable channels allow RF remote programming to control multiple screens**
- **Programmable for drop down or rise up electric screens**
- **Compatible ONLY with new electric screen products**

4. SETUP AND INSTALLATION

The Evanesce Tab-Tension B screen is designed for recessed in-ceiling installation. The unit ships fully assembled and includes a complete installation kit.

4.1 Mounting

The screen features an integrated ceiling projection screen design, ready for installation. Ensure the ceiling structure can support the weight of the screen (approximately 31 lbs for the 100-inch model).

- **Ceiling Access:** The design allows for both below and above ceiling access for installation, providing flexibility for various room configurations.
- **Recessed Installation:** The screen is intended to be concealed within the ceiling for a clean, integrated look. Follow the detailed instructions provided in the separate installation kit for precise measurements and mounting procedures.



- Below and above ceiling access installation design
- Concealed in-ceiling front projection screen for multi-use rooms
- Integrated ceiling projection screen ships fully assembled, ready to install with installation kit included

**ELECTRIC
RECESSED/
IN-CEILING
SCREENS**

Image: A diagram illustrating the recessed in-ceiling installation of the projector screen, highlighting access points.

4.2 Electrical Connection

Connect the screen to a power source according to local electrical codes. The screen supports various control options:

- **Wall Box Controller:** The included wall box controller has a built-in IR sensor for direct control and can be removed for a cleaner aesthetic while maintaining IR and RF functionality.
- **12-Volt Trigger:** Utilize the RJ50 port for a wired 12-volt trigger feature, allowing the screen to automatically deploy or retract in sync with your projector's power cycle. A wireless 12-volt trigger is also available using the RF remote.

5. OPERATING INSTRUCTIONS

The Evanesce Tab-Tension B screen can be operated using the included IR remote, RF remote, or the wall box controller.

5.1 Remote Control Usage

- **IR Remote:** Requires a direct line of sight to the IR sensor on the screen or wall box controller.
- **RF Remote:** Operates without line of sight, offering greater flexibility.
- **Wall Box Controller:** Provides direct control buttons for screen movement.

5.2 Screen Movement

Use the UP, DOWN, and STOP buttons on any control device to manage the screen's position.

- **Programmable Vertical Drop:** The screen features a user-friendly programmable vertical drop position. This allows you to set a custom lower limit for the screen, ensuring it stops at your preferred viewing height. Refer to the installation kit manual for detailed programming steps.
- **Multi-Screen Control:** Built-in selectable channels allow programming different RF remote codes for controlling multiple screens independently and reducing electrical interference.

6. MAINTENANCE

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

- **Screen Surface Cleaning:** The CineWhite UHD-B screen material is easy to clean. Use a soft cloth dampened with mild soap and water. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the screen surface.
- **Casing Cleaning:** Wipe the aluminum casing with a soft, dry cloth.
- **Inspection:** Periodically inspect the mounting hardware and electrical connections to ensure they are secure.

CineWhite[®] Material

1.1 Gain Matte White Flexible Front Projection Material



- **Wide viewing angle** allows the audience to see a clear, bright, uniform picture from any angle
- **Black backing** eliminates light penetration for enhanced brightness and color saturation to prevent picture degradation
- **ISF Certified** for accurate color reproduction – An industry standard for high-fidelity visual display systems

Image: A close-up view of the CineWhite UHD-B screen material, highlighting its smooth texture and black backing.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Screen does not respond to remote.	<ul style="list-style-type: none"> • Low battery in remote. • IR sensor blocked (for IR remote). • Remote not paired (for RF remote). • Power not connected to screen. 	<ul style="list-style-type: none"> • Replace remote batteries. • Ensure clear line of sight to IR sensor. • Refer to manual for RF remote pairing instructions. • Check power connection and circuit breaker.
Screen stops mid-way or does not fully extend/retract.	<ul style="list-style-type: none"> • Obstruction in screen path. • Limit switch settings incorrect. 	<ul style="list-style-type: none"> • Check for any obstructions and remove them. • Consult the installation manual for adjusting the programmable vertical drop limits.
Wavy or uneven screen surface.	<ul style="list-style-type: none"> • Tab-tension system issue. • Screen material damage. 	<ul style="list-style-type: none"> • The tab-tension system is designed to maintain flatness. If persistent, contact customer support. • Inspect for physical damage. If damaged, contact customer support.

If the problem persists after attempting these solutions, please contact Elite Projector customer support.

8. SPECIFICATIONS

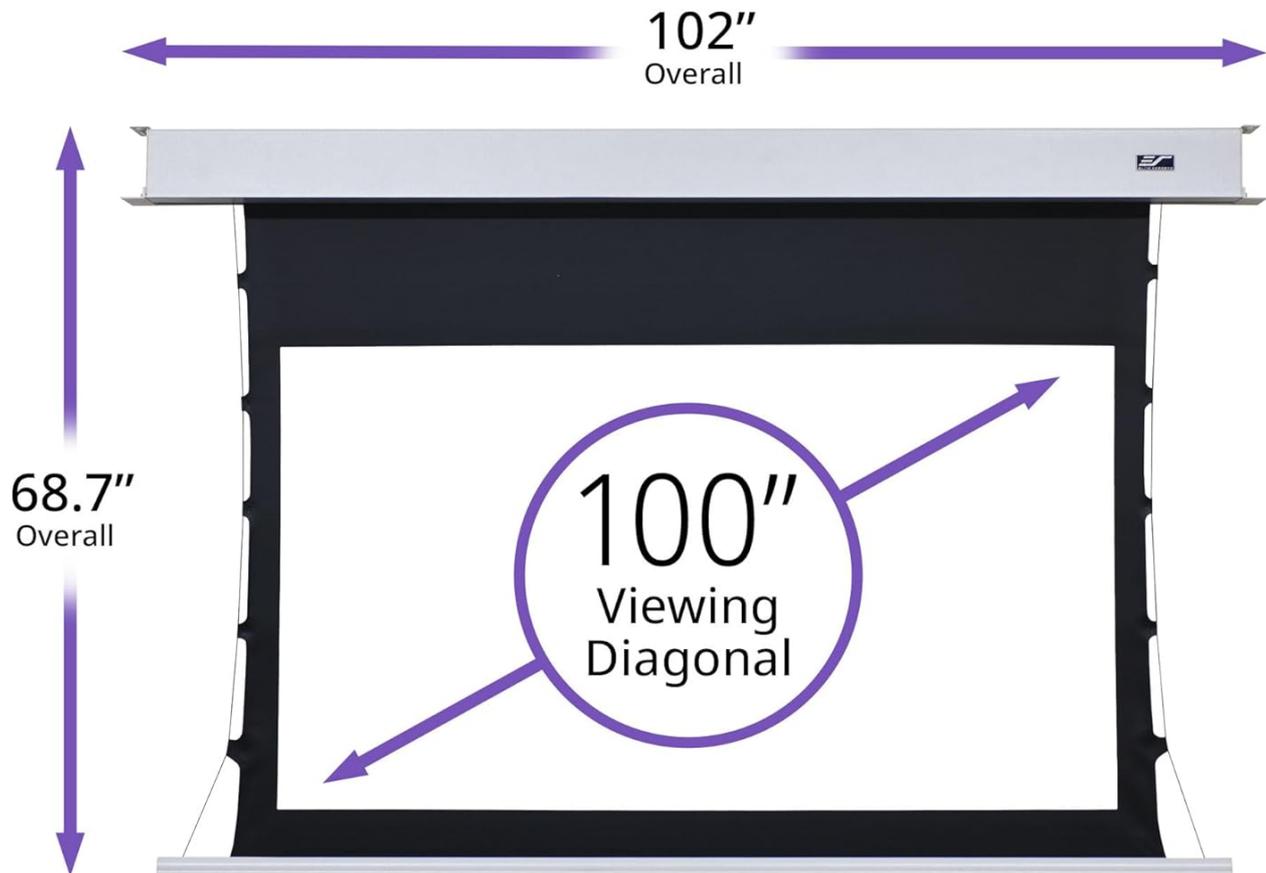
Feature	Detail
Model Number	ETB100HW3-E12 (100-inch/ 16:9)
Viewing Diagonal Size	100 inches
Aspect Ratio	16:9 HD Format
Viewing Size (H x W)	49.0" H x 87.2" W
Overall Size (H x W x D)	68.7" H x 102.0" W x 4.3" D
Top Black Masking Drop	12 inches
Screen Material	CineWhite UHD-B (1.3 Gain)
Viewing Angle	160 degrees
Compatibility	4K Ultra HD, Active 3D, Standard, Short Throw, UHD/HD Projectors
Mounting Type	Recessed In-Ceiling Mount
Casing Material	Aluminum (White Finished)
Assembled Weight	31 lbs

Feature	Detail
Control System	IR Remote, RF Remote, Wall Box Controller, 12V Trigger (Wired/Wireless)

Evanesce Tab-Tension B Series

16:9
Aspect Ratio

Model: **ETB100HW3-E12**



31 lbs.
Assembled weight

Team Lift

Viewing: 49" Height x 87.2" Width
Top Black Border: 12 inches

※ Overall assembled screen size is subject to data ± 1 " tolerance

Image: A detailed diagram illustrating the overall and viewing dimensions of the 100-inch Evanesce Tab-Tension B projector screen.

9. WARRANTY AND SUPPORT

Elite Projector provides comprehensive warranty and technical support for its products.

- **Manufacturer's Warranty:** A 2-Year/3-Year ENR-G Manufacturer's Warranty is provided by Elite Screens for products purchased new. Elite Screens is an ISO9001 manufacturer since 2004.
- **Technical Support:** Lifetime Technical Support is available via email or phone call from Elite Screens' Professional Service Team.

For warranty claims or technical assistance, please refer to the contact information provided with your product documentation or visit the Elite Projector official website.

Related Documents

	<p>PERLESMITH PSMS1 Manual Pull-Down Projector Screen Installation and Usage Guide</p> <p>Detailed guide for installing and using the PERLESMITH PSMS1 manual pull-down projector screen. Includes mounting instructions, usage methods, and maintenance tips for optimal performance.</p>
	<p>Towond 100-Inch Portable Projector Screen Installation Manual</p> <p>Step-by-step guide for setting up the Towond 100-inch portable projector screen, including accessory identification and assembly instructions.</p>
	<p>VAVA 100-inch 16:9 ALR Screen for UST Projector User Manual</p> <p>User manual for the VAVA 100-inch 16:9 ALR Screen (Model VA-LTS006). Provides detailed instructions for assembly, installation, screen height adjustment, specifications, and warranty information.</p>
	<p>HP MP100 Mobile Projector User Manual</p> <p>User manual for the HP MP100 Mobile Projector, covering package contents, product overview, charging, turning on/off, focus adjustment, iOS and Android mode connection, USB projection from iPhone, PC/NB projection, troubleshooting, and specifications.</p>
	<p>General Electric Magne-blast Circuit Breakers: Instruction Manuals</p> <p>Comprehensive instruction and service manuals for General Electric's Magne-blast circuit breakers. Covers installation, operation, maintenance, adjustments, and troubleshooting for various models including AM 4.16-75 series, AM-2.4/4.16 series, and mechanisms like MS-9 and MS-13.</p>
	<p>Leybold Oil Sealed Vacuum Pumps Catalog - TRIVAC, SOGEVAC, VACUBE</p> <p>Explore the comprehensive Leybold catalog featuring Oil Sealed Vacuum Pumps, including TRIVAC rotary vane pumps, SOGEVAC rotary vane pumps, and VACUBE screw vacuum pumps. Find detailed specifications, applications, and accessories for industrial and research needs.</p>