

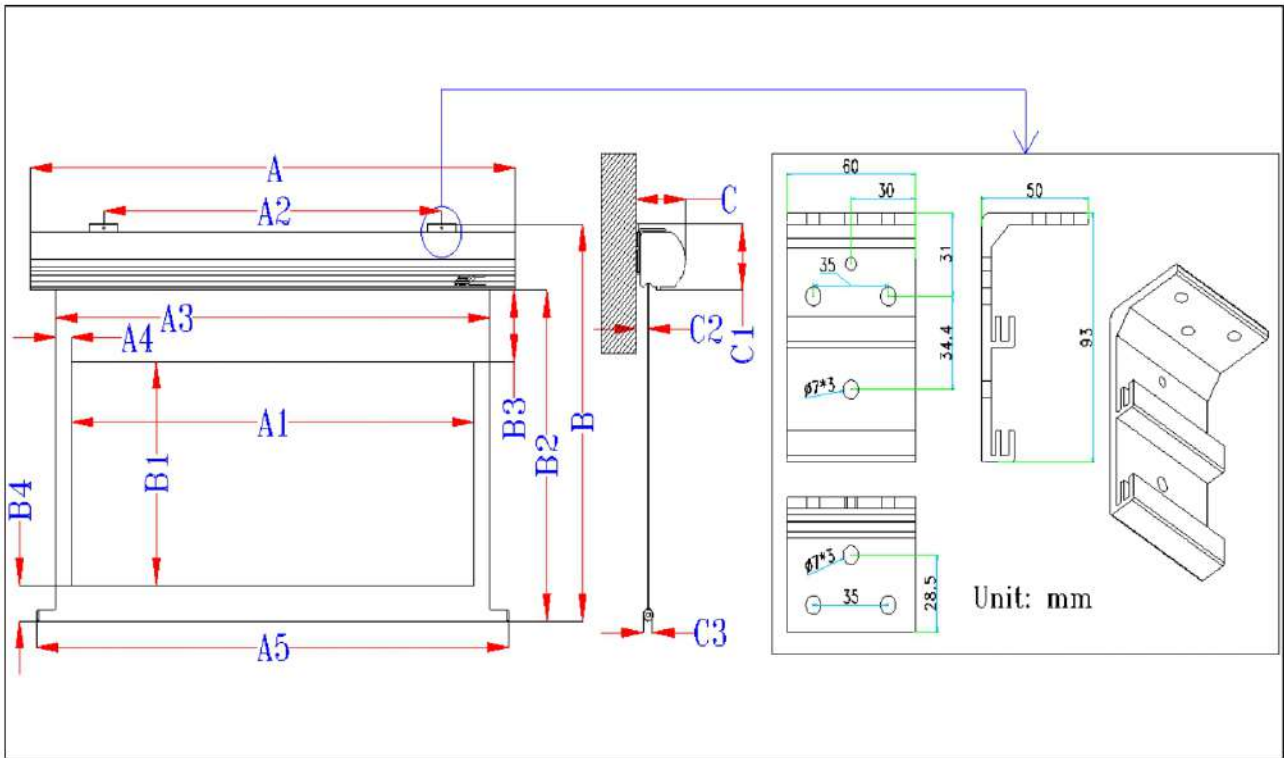


### Saker Series Dimension Table

Unit: mm

Models	Screen Diag. & Aspect Ratio	Case L(A)	View W (A1)	ceiling bracket hole distance (A2)	Screen W (A3)	L/R black masking (A4)	Weight Bar L (A6)	Overall H with ceiling Bracket (B)	View H (B1)	Screen H (B2)	Top black mask. (B3)	Bottom black masking (B4)	End cap H with bracket (B5)	End cap W with ceiling bracket (C)	End cap H w bracket (C1)	Screen Mat. to Wall Dist. (C2)	Weight bar diameter (C3)
SK84XHW-E12	84"(16:9)	2135	1860	1335	1936	38	2016	1519	1046	1411	305	60	100	102	108	35	23
SK84XHW-E24	84"(16:9)	2135	1860	1335	1936	38	2016	1824	1046	1716	610	60	100	102	108	35	23
SK92XHW-E24	92"(16:9)	2330	2037	1530	2137	50	2217	1924	1146	1816	610	60	100	102	108	35	23
SK100XHW-E12	100"(16:9)	2511	2214	1711	2314	50	2394	1718	1245	1610	305	60	100	102	108	35	23
SK100XHW-E24	100"(16:9)	2511	2214	1711	2314	50	2394	2023	1245	1915	610	60	100	102	108	35	23
SK110XHW-E12	110"(16:9)	2737	2435	1937	2535	50	2615	1843	1370	1735	305	60	100	102	108	35	23
SK110XHW-E24	110"(16:9)	2737	2435	1937	2535	50	2615	2148	1370	2040	610	60	100	102	108	35	23
SK120XHW-E10	120"(16:9)	2955	2657	2155	2757	50	2837	1916	1494	1808	254	60	100	102	108	35	23
SK120XHW-E20	120"(16:9)	2955	2657	2155	2757	50	2837	2170	1494	2062	508	60	100	102	108	35	23
SK135XHW-E6	135"(16:9)	3279	2989	2479	3089	50	3169	2018	1681	1893	152	60	118	118	125	35	23
SK135XHW-E18	135"(16:9)	3279	2989	2479	3089	50	3169	2323	1681	2198	457	60	118	118	125	35	23
SK150XHW-E12	150"(16:9)	3611	3321	2811	3421	50	3501	2358	1868	2233	305	60	118	118	125	35	23
SK100XVW-E10	100"(4:3)	2330	2032	1530	2132	50	2212	1946	1524	1838	254	60	100	102	108	35	23
SK110XVW-E10	110"(4:3)	2535	2235	1735	2335	50	2415	2098	1676	1990	254	60	100	102	108	35	23
SK120XVW-E9	120"(4:3)	2737	2438	1937	2538	50	2618	2226	1829	2118	229	60	100	102	108	35	23
SK135XVW2-E6	135"(4:3)	3033	2743	2233	2843	50	2923	2394	2057	2269	152	60	118	118	125	35	23
SK150XVW2-E6	150"(4:3)	3338	3048	2538	3148	50	3228	2623	2286	2498	152	60	118	118	125	35	23
SK200XVW2-E6	200"(4:3)	4471	4298	4164	4064	50	4264	3166	3048	3260	3048	60	118	118	125	48	25
SK100NXW-E12	100"(16:10)	2451	2154	1651	2254	50	2334	1819	1346	1711	305	60	100	102	108	35	23
SK100NXW-E24	100"(16:10)	2453	2154	1653	2254	50	2334	2124	1346	2016	610	60	100	102	108	35	23

SK106NXW-E18	106"(16:10)	2580	2283	1780	2383	50	2463	2052	1427	1944	457	60	100	102	108	35	23
SK110NXW-E10	110"(16:10)	2668	2369	1868	2469	50	2549	1903	1481	1795	254	60	100	102	108	35	23
SK120NXW-E12	120"(16:10)	2883	2585	2083	2685	50	2765	2088	1615	1980	305	60	100	102	108	35	23
SK135NXW-E6	135"(16:10)	3198	2908	2398	3008	50	3088	2154	1817	2029	152	60	118	118	125	35	23
SK150NXW2-E6	150"(16:10)	3521	3231	2721	3331	50	3411	2356	2019	2231	152	60	118	118	125	35	23
SK165NXW2-E6	165"(16:10)	3844	3554	3044	3654	50	3734	2558	2221	2433	152	60	118	118	125	35	23
SK180NXW2-E6	180"(16:10)	4167	3877	3367	3977	50	4057	2760	2423	2635	152	60	118	118	125	35	23





**ELITE SCREENS**

Electric Wall/Ceiling Projection Screen

**Saker Series**

**User's Guide**

### **Important Safety & Warning Precautions**

**Make sure to read this user's guide and follow the procedures below.**

**Caution:** The screen's Black Top Border is already set to its maximum drop distance. There is NO extra Black Drop Border on the roller. Please be aware that adjusting the vertical limit to drop the material off the roller voids the warranty. Aside from cutting the power cord for hardwire installations, additional changes or modifications to this unit are prohibited and will consequently void your warranty. For more information, please contact our Technical Support Department at (877) 511-1211 Ext. 604.

- Please retain this user's guide for future reference.
- To avoid damaging the unit, do not use with any unauthorized accessories not recommended by the manufacturer.
- Handle the unit carefully during transportation to avoid any damages.
- To ensure safe and reliable operation, make sure the power connection is secure.
- The power source should be close to the unit and easily accessible.
- Do not install the unit on uneven, or inclined surfaces;
- To avoid electrical shock or product damage, do not install this device in a damp place.
- Do not place any heavy objects over the power cord.
- Position the power cord properly to avoid creating a trip hazard.
- Avoid electrical shock or fire, by not overloading the power cord.
- The internal & external parts of this unit are not end user serviceable. Do not attempt to disassemble this unit by yourself. Consult an authorized technician instead.
- Make sure the power source that this unit is connected to has a continuous power flow.
- If there is need to use an extension cord, make sure said cord has a compatible power rating.
- Do not handle this or any other electrical device if you are wet or standing in water.
- Whenever the screen reaches its end of life, follow local environmental guidelines regarding its proper disposal.

### **Do not use this unit under the following circumstances.**

- Disconnect the power cord if exposed to moisture, rain, wind, snow, or other electrical storms.
- Avoid exposure to direct sunlight or any of the conditions stated in the previous bullet point.
- Keep away from fire or other high temperature heat sources.
- Cut off the power supply first before attempting maintenance or removal.
- Do not attempt to use this screen if there are obvious signs of damage.
- to use the screen if there is obvious damage or if there are any evident broken parts.

## WARNING

Individual modifications to this product are prohibited and will void the manufacturer's warranty. Please contact the Elite Screens Customer Service Team with any questions.

## NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

The product settings are designed to provide reasonable protection against any radio interference within a residential installation. If properly installed, the Evanesce Tab-Tension screen may suffer from RF interference from other home electronics.

Although radio interference affecting other household electronics is unlikely, the following steps can be taken should RF interference occur.

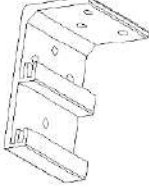

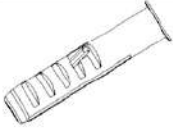
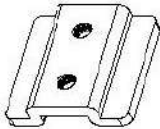

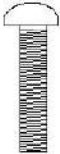


- ✓ **Reorient or relocate the receiving antenna on the device that may be causing the interference.**
- ✓ **Increase the distance between the screen and the interfering device's receiver.**
- ✓ **Connect the projection screen to another power source apart from the interfering device.**

## Pre-Installation

1. Carefully unpack the screen.
2. Always handle the screen upright on a level, clean surface.
3. Keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.

## NOTE

Regardless of the mounting method, the screen should be securely supported so that the vibration or pulling on the viewing surface will not cause the casing to become loose or fall. Included mounting screws are complimentary and may not be appropriate for all mounting surfaces. Use appropriate anchors to safely secure the screen to the mounting surface or consult with a professional installer.

A. Wall/Ceiling mount bracket x2	B. M5x60 Screw x6	C. M12 Dry-wall anchor x6	D. Bracket connector x2 (Installed on the housing)
			
E. M5x11 Bolt Screw x4 (Screw on the D parts)	F. M5x25MM round head cross screws x2	G. M5x30MM eyebolt screw & M5 nut x2	H. Snap link x2
			

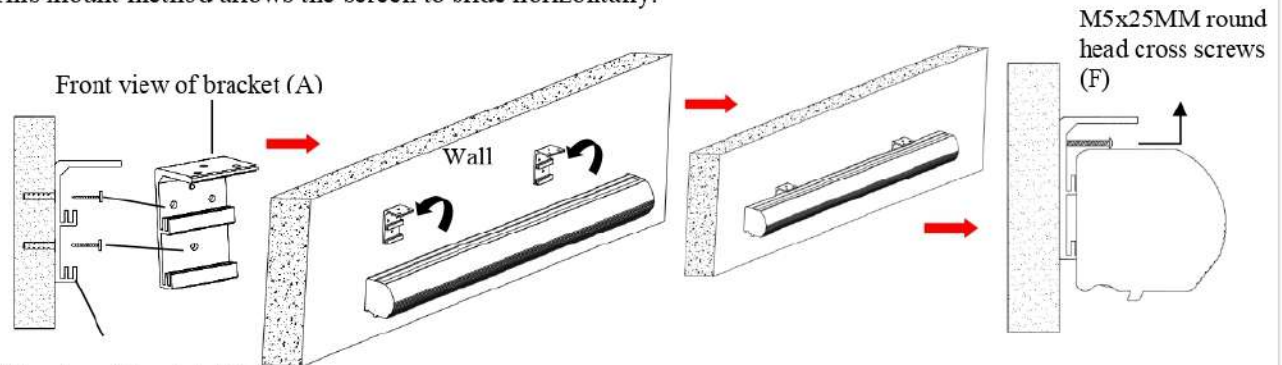
## Installation Instructions

For installation assistance, please consult a professional Installer. EliteScreens is not liable for faulty installations.

### A. Wall Mount

#### Flush hidden mount (movable position)

This mount method allows the screen to slide horizontally.



Side view of bracket (A)

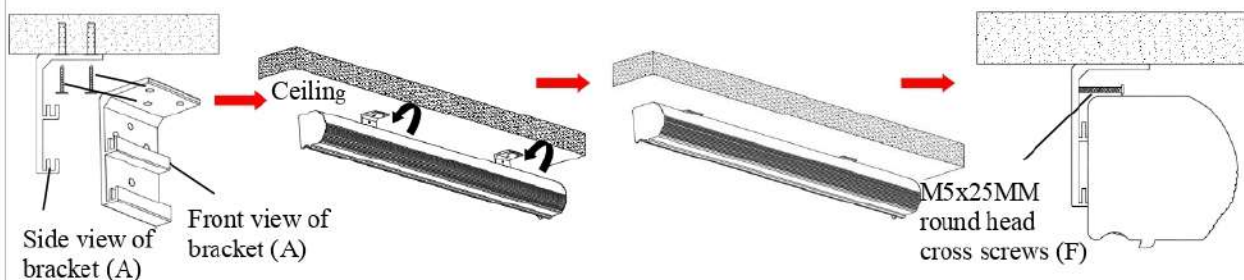
1. Determine where the screen will be installed. Then, measure and mark the distance between the top and bottom screw holes from each **Wall/Ceiling mount bracket (A)**.
2. Drill a hole on all marked points and install the brackets with the **dry-wall anchor(C)**, **M5x60 screw (B)**. Make sure both brackets are properly leveled.
3. Hang the screen by placing the **lower** “catch” located on the back over the brackets **upper** “catch”.
4. After making sure the screen is secured, you can slide it left / right to properly center it in position.
5. Lastly, screw the **M5 screw (F)** into the upper hole of the bracket to add additional support for the screen.

Two or more people are required while one holds the screen in place.

### B. Ceiling Mount

#### I.Ceiling Mount (movable position)

This mount method allows the screen to slide horizontally.



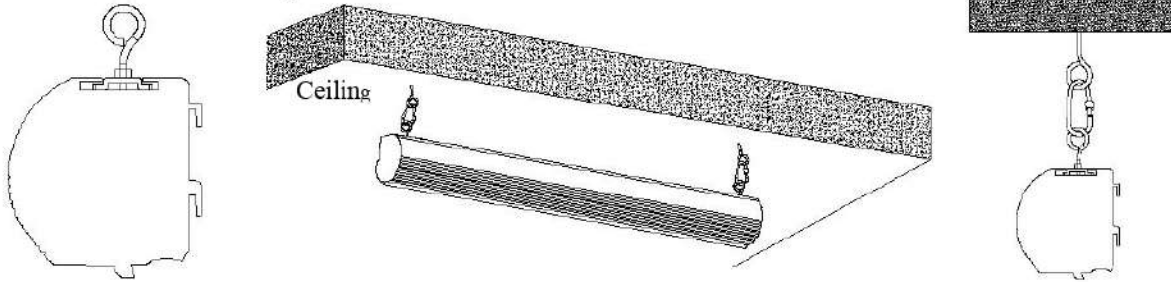
Side view of bracket (A)

1. Determine where the screen will be installed. Then, measure and mark the distance between the top and bottom screw holes from each **Wall/Ceiling mount bracket (A)**.
2. Drill a hole on all marked areas and install the brackets with the **dry-wall anchor(C)**, **M5x60 screw (B)**. Make sure both brackets are properly leveled.
3. Hang the screen by placing the **lower** “catch” located on the back over the bracket’s **upper** “catch”.
4. After making sure the screen is secured, you can slide it left / right to properly center it in position.
5. Lastly, screw the **M5 screw (F)** into the upper hole of the bracket to add additional support for the screen.

Two or more people are required while one holds the screen in place.

## II. Suspended

1. Screw the **eyebolt (G)** onto the **bracket connector (D)**.
2. Attach the **snap link (H)** through the **eyebolt (G)** and connect it to the ceiling eyebolt screw (not included) as rated for the screen's weight.



## Saker Series | Controls and Accessories

A. IR Remote	B. RF Remote	C. Wall switch control box	D. 5-12 volt trigger cable
E. IR extended "eye" receiver	F. Wireless 5-12v trigger cable	G. AAA batteries	H. Bubble leveler

## Screen operation

**Electric Current:** Depending upon region, your Elite Screen will operate on 100v, 110v, or 220v voltage.

1. After ensuring the power outlet & screen are compatible (voltage), plug the power cord into the power outlet.
2. Once the screen has power, you'll be able to control it using any of the 6 methods described below.

### 6 ways to control your Saker

1. **IR remote control (Item A, Fig 1):** The Infrared functions by direct line of sight contact using a beam range of 30 feet. Aim the IR remote at the circular window located on the left side of the screen.

2. **IR "Eye" Receiver (Item E, Fig 2):** The IR "Eye" Receiver plugs directly into the screen's RJ-45 input to present a low-profile line-of-sight control option for your IR remote control. It is an extended eye-receiver to accommodate a recessed ceiling installation..

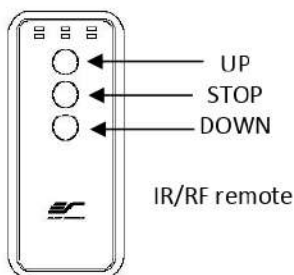


Fig.1

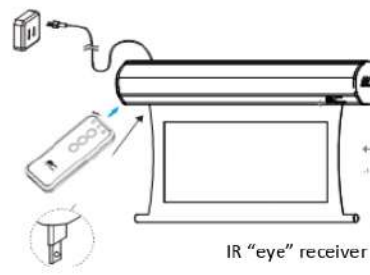
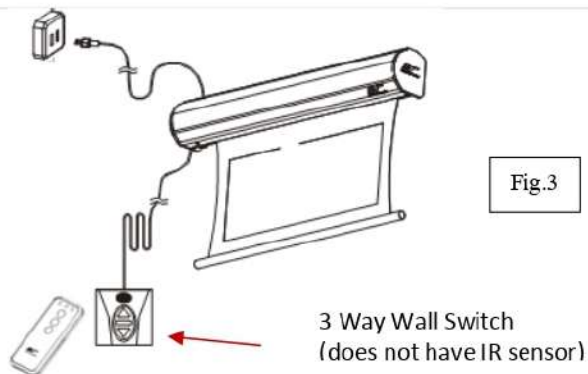


Fig.2

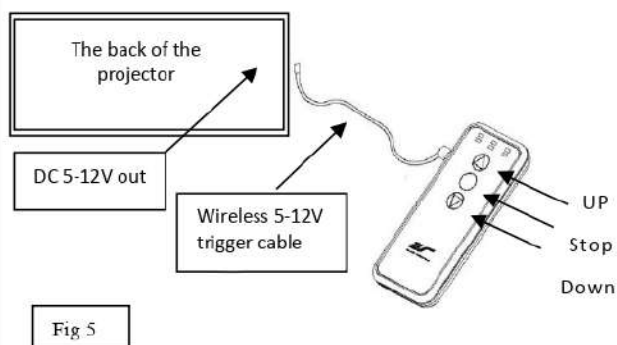
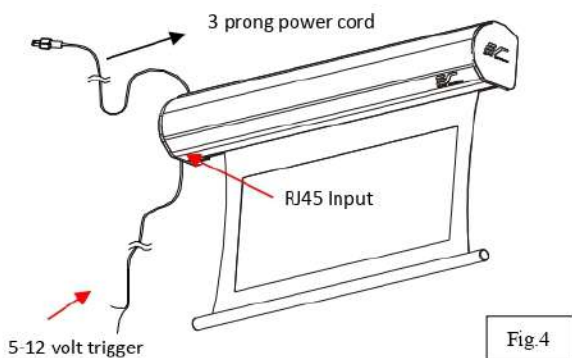
**3. RF Remote Control (Item B):** The radio waves eliminate the need for a direct line of sight and has a range of 100 feet.

**4. 3-Way Wall Switch (Item C, Fig 3):** The 3-way wall switch is a wall mounted control box with an up/stop/down button. It plugs directly into the screen's RJ-45 input.




**5. 5-12 volt trigger (Item D, Fig 4):** The built-in 5-12V trigger input allows your screen to synchronize its drop & rise with the projector's power cycle. The screen deploys when the projector powers up and will retract when the projector powers down. The 5-12 volt RJ45 cable connects to your projector's trigger output via a separate cable that may or may not be provided by the manufacturer of the projector. The trigger feature will not work without an output cable from the projector, but it can be tested by connecting the Red (+) and Green (-) cable to a 9-volt battery.

**6. Wireless 5-12 volt trigger (Item F, Fig 5):** The RF remote control serves as a dual purpose, independently as a handheld remote control, or as a Wireless 5-12 volt trigger using the trigger cable. The radio frequency technology can be programmed to send a wireless signal that synchronizes screen drop & rise with the projector's power cycle.



### **Here's how to set up your Wireless 5-12 volt trigger | Synchronization Instructions**

**Step 1:** Connect one end of the 3.5 mm wireless 5-12 volt trigger cable to the RF remote. 

**Step 2:** Connect the other 3.5 mm end of the wireless 5-12 volt trigger cable to your projector 

**Step 3:** Make sure to unplug your screen from the power outlet

**Step 4:** Hold the UP button on your RF remote

**Step 5:** While holding the UP button, plug the screen back to the power outlet

**Step 6:** Wait 5 seconds and then release the UP button

**Step 7:** Your 5-12V wireless trigger should now be activated with your screen and ready to be used and able to control your screen with your projector's power cycle

Repeat the steps again if not successful.

*(Please be aware, the projector on/off cycle may take longer to fully activate. It usually takes around 20-30seconds for full off and on cycle each time)*

**For the following videos please visit:**

- Ceiling Installation Video – [www.elitescreens.com/sakertabceilinginstall](http://www.elitescreens.com/sakertabceilinginstall)
- Wireless Trigger Demonstration Video - [www.elitescreens.com/sakertabtriggerdemo](http://www.elitescreens.com/sakertabtriggerdemo)

For more information, support or your local EliteScreens contact,  
please visit : [www.elitescreens.eu](http://www.elitescreens.eu)