



# Spectrum Series

## Electric/Motorized Projection Screen

### User Guide

#### Important Safety & Warning Precautions

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

**Caution: The screen's Black Top Drop is already set to its maximum drop distance. There is NO extra Black Top Drop in the roller. Please be aware of this, as it will void your warranty with Elite Screens. Unapproved changes or modifications (except for cutting the power cord for hardwire installations) to this unit are prohibited and will 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, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the unit on uneven or inclined surfaces.
- Do not put heavy objects on the power cord and position it properly to avoid creating a trip obstacle.
- Never overload the power cord to prevent an electric shock or fire due to a loose contact or a short circuit.
- There are not user serviceable parts in this unit. Do not attempt to disassemble this unit by yourself. No one except authorized technicians can open and make repairs to this unit.
- Make sure the power source this unit is connected to has a continuous power flow.
- If there is need to use an extension cord, make sure the cord has an equal rating as the appliance to avoid overheat.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

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

- Disconnect the power cord under the conditions of heavy rain, wind, thunder or lightning.
- Avoid direct Sunshine, rain shower and moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- Fully disconnect from the power supply when the unit is not in use for a long period of time, as should be done with any other electric household appliance.
- To avoid possible injury and/or an electric shock, do not attempt to use the screen if there is obvious damage or if there are any evident broken parts.

## Installation Warning

Individual modifications to this product are prohibited and will void the warranty with the manufacturer. Please contact Elite Screens Customer Service for 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.

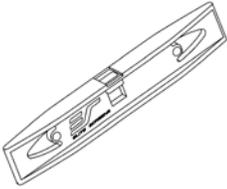
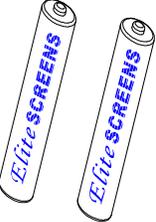
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur on a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- ✓ **Reorient or relocate the receiving antenna of the device which may be causing the interference.**
- ✓ **Increase the separation between the screen and the device's receiver.**
- ✓ **Connect the equipment into a different power outlet other than the device**

## Pre-Installation

1. Carefully unpack the screen.
2. Always handle the screen in a leveled position on a clean surface.
3. In order to protect the screen from exposure to stains, keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.

Accessories List				
				
A. IR remote x 1	B. 3-way wall switch x 1	C. 12-volt trigger cable x 1	D. Bubble level x 1	E. AAA batteries x 2

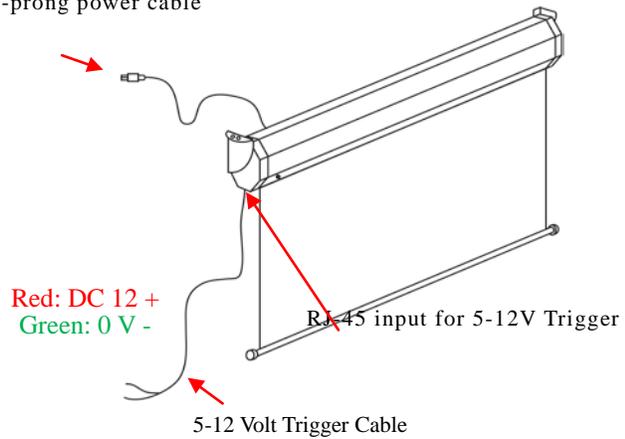
## Control System

**1. 5-12V Trigger:** 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 adaptor 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.

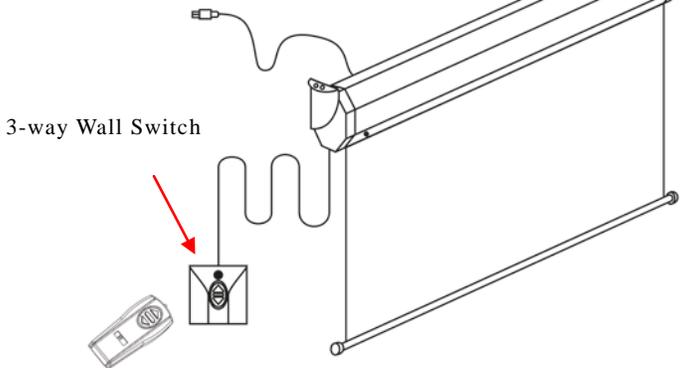
3-prong power cable

Red: DC 12 +  
Green: 0 V -

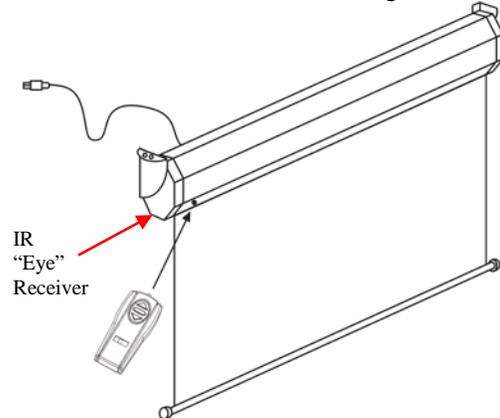
5-12 Volt Trigger Cable



**2. 3-Way Wall Switch:** The 3-way wall switch is a wall mount control box with an up/stop/down button and plugs directly into the screen's RJ-45 input.

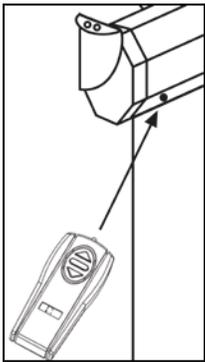


**3. IR "Eye" Receiver: (sold separately)** The IR "Eye" Receiver plugs directly into the screen's RJ-45 input to present a low profile line-of-sight control option for your IR remote control even in a recessed ceiling installation.



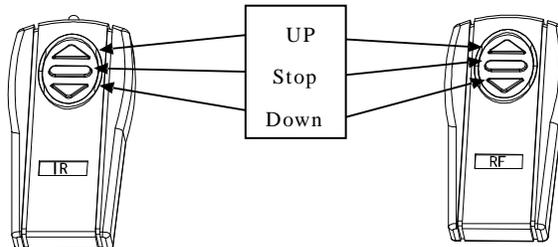
**4. IR Remote Control:** The Infrared functions by direct line of sight contact with a beam range of 30 feet.

**5. RF Remote Control: (sold separately)** The radio waves eliminate the need for a direct line of sight with a range of 150 feet.



Note: The IR Remote MUST be within direct line of sight to the sensor to function.

See figure to the left.



## Installation Instructions

**Please consult a professional installer. Elite Screens is not liable for any faulty installations.**

1. Select the installation location for your screen. Ensure that it is within reasonable proximity from your power source.
  2. For best support of your screen, it is ideal to secure your screen into the studs of your house's internal framework. If studs are not available, use hollow anchors for mounting your wall screws into drywall. If you're installing in a concrete structure, use concrete bolts to secure your screen.
- Always consult a professional installer or hardware professional to ensure that the proper screws and/or hardware are being used.
3. Ensure that both brackets are in perfect level alignment with one another. Use wall/ceiling wood screws to secure to the wood studs. Use hollow anchors if mounting in drywall.
  4. The screen casing is designed to accept the wall screws directly. If not using the Optional L-Brackets <http://www.elitescreens.com/lbracket1>, be sure to position the washer between the head of the wall-screw and the anchor slots on the screen's casing.

5. Using a tape measure, mark the keyholes that are located at the back of the screen's casing end cap.
6. After marking the area and predrilled hole, insert the screw and have at least 1/8" from the wall to mount the screen. (See example in Figure 1.)
7. Figure 2 will show you an optional installation method using the drill holes located on top of the end caps for ceiling installation.

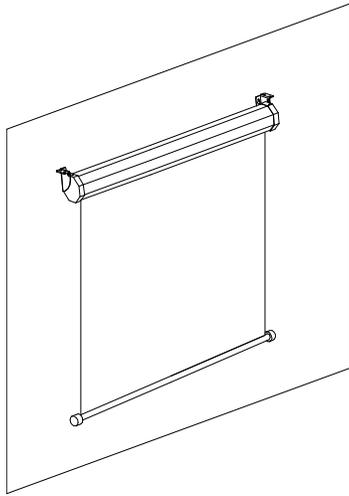
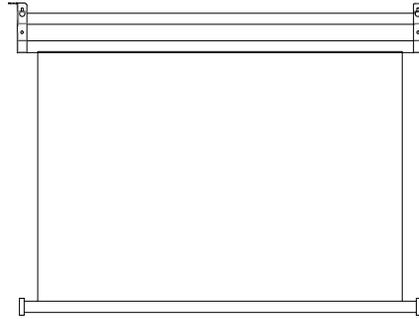
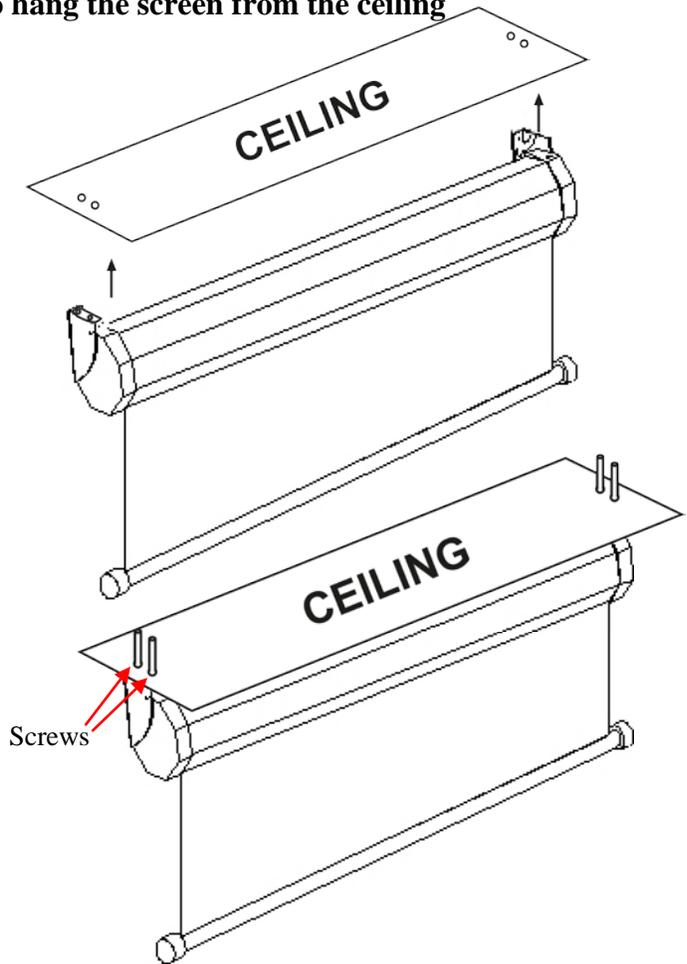
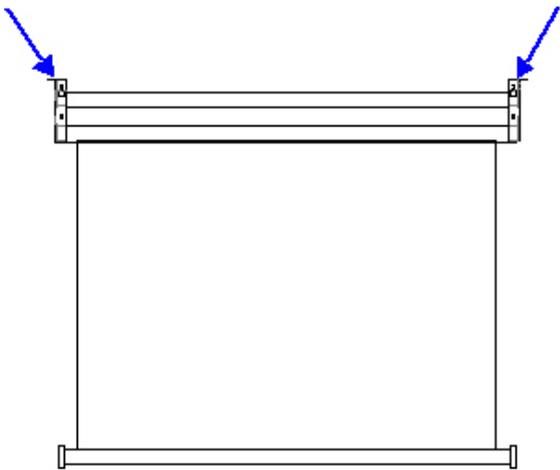


Fig. 1



**Optional installation method using the drill holes to hang the screen from the ceiling**



**Note:**

Wall screws included with this product are complementary and may not be adequate for all mounting surfaces. Consult with a professional installer or hardware store for proper mounting screws and anchors.

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 screen case to become loose or fall. The installer must ensure that proper mounting hardware and the fasteners used are of adequate strength and suitable for the mounting surface.

For local Elite Screens contact or Technical Support, please visit  
[www.elitescreens.com](http://www.elitescreens.com)