MANUAL SRM PRO SERIES

Section 1: Screen Design

1.1   What is it for?

This manually operated (non-motorized) retractable front projection screen comes in a pearlescent aluminum white finish housing, designed for wall/ceiling installations.   The front projection material utilized with the *Manual SRM Pro*, is our industry proven *MaxWhite® FG*.   This material has fiberglass backing and a 1.1 Gain. It has a wide viewing angle for residential or business presentations.

1.2   How does it work?

The *Manual SRM Pro* features a "slow retract mechanism" for hands-free retraction. This special built-in Slow Retract Mechanism allows a safe and quiet return to the screen's housing.

Section 2: Product Features

2.1   Characteristics

Screen Material

- MaxWhite® Fiberglass (FG) 1.1 Gain Material is durable and easy to clean
- 180° wide viewing angle for commercial or residential presentations
- 4K Ultra HD, Active 3D, and HDR Ready
- Not compatible with Ultra/Short-throw Projectors
- Complimentary 4-side black masking borders enhances picture contrast
- Black backed screen material eliminates light penetration for superior color reproduction
- Available in the following diagonal sizes:
    - 84", 100", and 120" in 4:3 format
    - 84", 100", and 120" in 16:9 format

Design and Installation

- Dual Wall and Ceiling mount installation design
- Premium grade and elegant aluminum pearlescent square housing
- Built-in SRM (Slow Retract Mechanism) function for convenient hands free and safe retract
- Auto-locking mechanism with variable height settings
- Includes screen lanyard for easy operation - allows screen's pull down handle to be reached from high areas
- Includes wood screws and drywall anchors
- Optional 6" and 12" L brackets available - sold separately

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Quality and Reliability:

- 2-year Parts & Labor manufacturer's warranty
- 3-year warranty offered through ENR-G program (Education, Non-Profit, Religious and Government)
- Flame Retardant: Complies with NFPA 701 Standards
- GREENGUARD® and GREENGUARD® Gold Certified | UL 2818

2.2 Certifications

2.3 Model Numbers

Model Numbers	Nominal Diagonal	Aspect Ratio	View Height (in)	View Width (in)	Gain	Screen Material	Case Color	N.W. (lbs)	G.W. (lbs)	Packaging Dimensions (LxWxH)
M84VSR-Pro	84"	4:3	50.4	67.2	1.1	MaxWhite® FG	White	14.24	17.41	77.6"x5.1"5.3"
M100VSR-Pro	100"	4:3	60.0	80.0	1.1	MaxWhite® FG	White	17.24	20.72	90.2"x5.4"x5.8"
M120VSR-Pro	120"	4:3	72.0	96.0	1.1	MaxWhite® FG	White	20.76	24.82	106.3"x5.4"x5.4"
M84HSR-Pro	84"	16:9	41.2	73.2	1.1	MaxWhite® FG	White	14.55	17.85	83.2"x5.1"x5.1"
M100HSR-Pro	100"	16:9	49.0	87.2	1.1	MaxWhite® FG	White	17.41	21.16	97.6"x5.2"x5.4"
M120HSR-Pro	120"	16:9	58.8	104.6	1.1	MaxWhite® FG	White	22.3	29.1	117.5"x6.3"x6.3"

Section 3: Screen Material

3.1 Characteristic

MaxWhite® Fiberglass (FG) is fiberglass backed for added stiffness which provides the flattest possible non-tensioned screen surface with universal applications. This material provides wide viewing uniform diffusion while giving precise definition, color reproduction and black & white contrast. The screen surface has a black-backing to eliminate light penetration, is mildew resistant and washable with mild soap and water.

*Manufacturer tip: This is an enhanced matte white product for higher end DLP/LCD projectors suitable for commercial and residential presentations.**

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Features & Benefits

- Multi-layer weave with textured surface
- Fiberglass backing with black backing
- Gain: 1.1
- View Angle: 180° (90° ± LR)
- Mildew Resistant
- Active 3D and 4K Ultra HD ready
- Surface can be cleaned with mild soap and water
- Flame Retardant: Complies with NFPA 701 Standards
- GREENGUARD® and GREENGUARD® Gold Certified | UL 2818

Specifications	
Thickness	0.36 mm
Weight	350 g/m2
Maximum Height	3.2 M (10 ft)
On-axis Gain	1.0
Half-Gain Angle	Does not reach half gain

3.2 Gain and Viewing Angle Chart

On axis 0⁰ Gain: 1.1
Viewing Cone: 180⁰

Section 4: Execution

4.1 Pre-Installation

- Carefully unpack the screen.
- Always handle the screen in a leveled position on a clean surface.
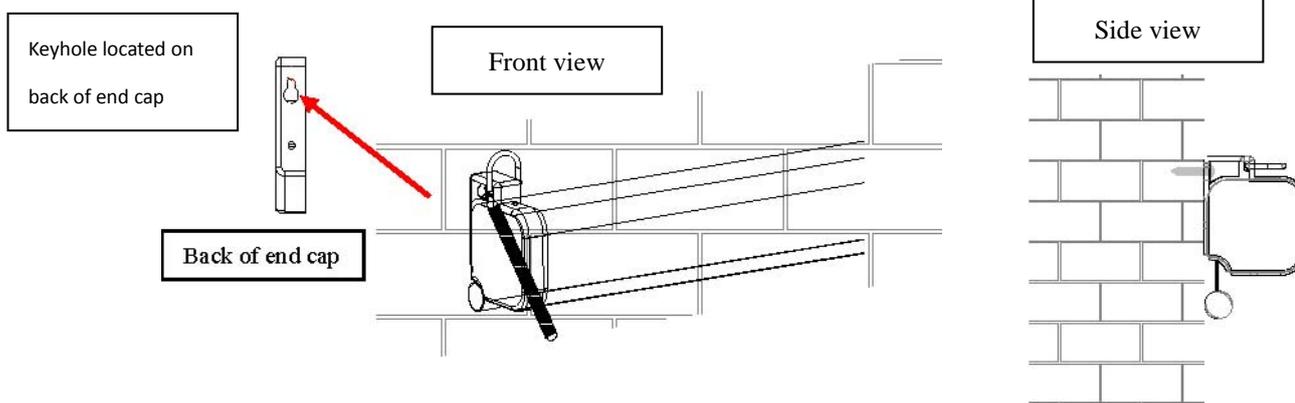
4.2 Installation

Flush Wall Mounting

1. Mark the location of where the screen is to be installed for the pre-drilled hole.
2. After marking the area and drilling the hole, insert the proper screw into the drilled hole and

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leave about 1/8" of an inch from the wall to mount the screen.

3. Mount your screen from the keyhole located on back of screen's left and right end cap.

   Note: Do not remove the end caps to mount the screen to the wall.
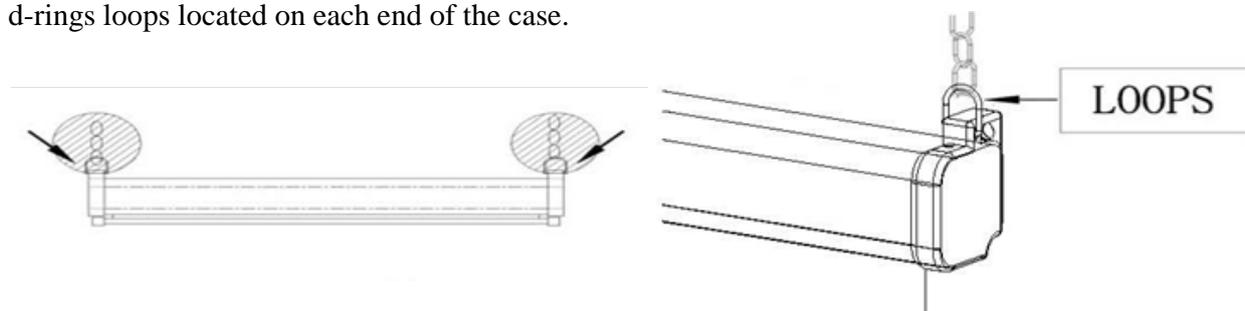
   Removing the end caps will release the tension of the internal spring mechanism.

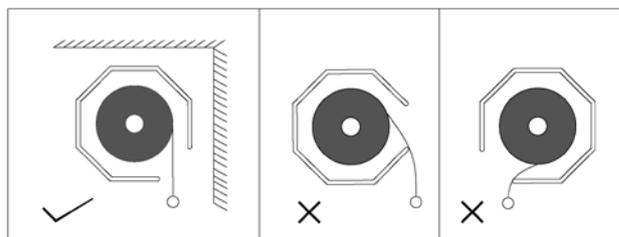**Ceiling Mounting** (additional hardware required)

Optional installation using a chain to hang the screen from the ceiling.

1. You can also hang the screen on a ceiling by using a chain (not included) and hang it by the two d-rings loops located on each end of the case.

4.3   Screen Operation

*Note: **Always** pull the screen down or let it up in a 90-degree vertical angle.   Do not allow the screen to touch the screen case when the screen goes up or comes down to avoid damaging the screen material.*
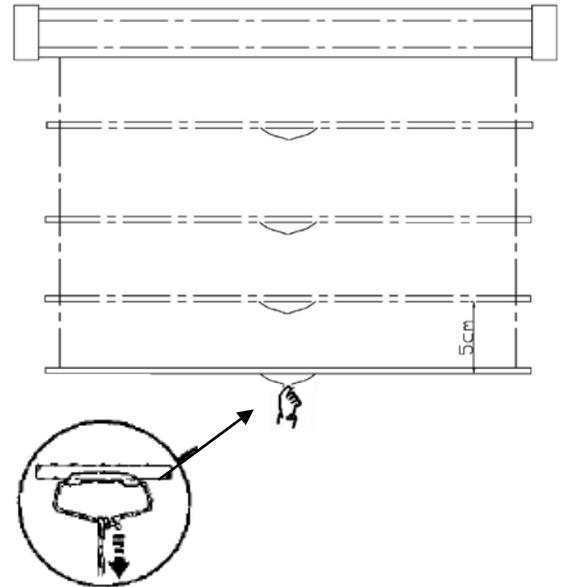

1. Pull the screen down from the lanyard or from the handle only in a 90-degree angle. Do not attempt to pull the screen down by the surface or touch the screen, as it will damage the screen and void the warranty.

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Note: An internal auto-lock mechanism system will cause the screen to stop and lock on the position at intervals.

2. If you want to the screen to retract back, simply pull the screen down more than 2 inches and retract the screen back by quickly and smoothly releasing it up gently. The screen is equipped with a **SLOW RETRACT MECHANISM (SRM)** which allows the screen to slowly retract without the need to hold on to the handle or lanyard. Simply release the handle and the screen will retract by itself.

Note: Always release at a 90-degree angle. If ever the screen feels stuck, keep in mind that the screen's mechanism is new and needs to be run up/down a few times to loosen up. If this happens, carefully with a little force yank the screen straight down to unlock the screen.

> *Note: Improperly bringing the screen up/down will damage the screen material or rolling system.*

4.4 Retraction Tip
If you are not able to pull the screen down two inches when attempting to retract it, give the screen a quick yank downwards with a little bit of force. Please be sure to not stand directly under the housing of the unit when yanking down on the screen.

4.5 Maintenance
- Clean matte white screen material with a soft cloth and mild soap with water.
- When not in use, retract screen in its housing to keep the screen material surface clean.
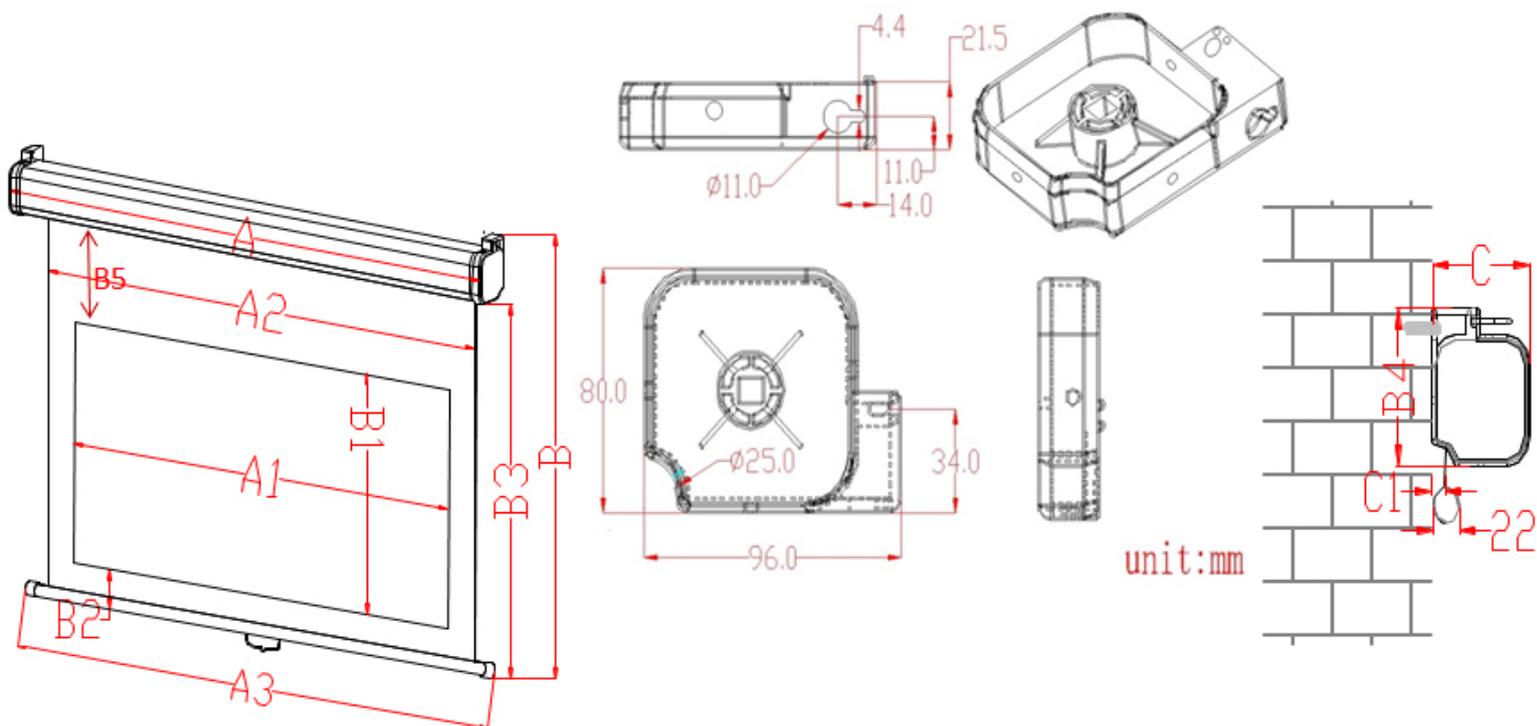
4.6 Note
Regardless of mounting method, the screen should be securely supported so that vibration or even abusive pulling on the viewing surface will not cause the case to work loose or fall. The installer must insure that the fasteners used are of adequate strength and suitable for the mounting surface chosen.

Section 5: Product Specifications

5.1 Dimensions

Model Number	Diag. Size	Aspect Ratio	A	A1	A2	A3	B	B1	B2	B3	B4	B5	C	C1
Unit: Inches														
M84VSR-Pro	84"	4:3	73.5	67.2	70.2	73.3	60.2	50.4	2.4	56.4	3.8	3.5	3.1	0.8
M100VSR-Pro	100"	4:3	86.3	80.0	83.0	86.1	73.3	60.0	2.4	69.5	3.8	7.1	3.1	0.8
M120VSR-Pro	120"	4:3	102.3	96.0	99.0	102.1	85.1	72.0	2.4	81.3	3.8	6.9	3.1	0.8
M84HSR-Pro	84"	16:9	79.3	73.2	76.2	79.1	54.9	41.2	2.4	51.1	3.8	7.5	3.1	0.8
M100HSR-Pro	100"	16:9	93.5	87.2	90.2	93.3	63.5	49.0	2.4	59.7	3.8	8.3	3.1	0.8
M120HSR-Pro	120"	16:9	110.9	104.6	107.6	110.7	72.5	58.8	2.4	68.7	3.8	7.5	3.1	0.8
Unit: mm														
M84VSR-Pro	84"	4:3	1867	1707	1783	1862	1528	1280	61	1432	97	90	79	20
M100VSR-Pro	100"	4:3	2192	2032	2108	2187	1862	1524	61	1766	97	180	79	20
M120VSR-Pro	120"	4:3	2598	2438	2515	2593	2162	1829	61	2066	97	175	79	20
M84HSR-Pro	84"	16:9	2014	1859	1935	2009	1394	1046	61	1298	97	190	79	20
M100HSR-Pro	100"	16:9	2375	2215	2291	2370	1613	1245	61	1517	97	210	79	20
M120HSR-Pro	120"	16:9	2817	2657	2733	2812	1842	1494	61	1746	97	190	79	20

5.2 Drawings

5.3 Pictures

Manual SRM Pro Series

Section 6: About Elite Screens

6.1 Company Descriptions

Elite Screens Inc. is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard.

In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today's audio-video consumer.

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