

## Manual Series

Wall/Ceiling Manual Pull Down Front Projection Screen  
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- Manual Pull Down Screens
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## FEATURES & BENEFITS

### Screen Material:

- MaxWhite 1.1 Gain Screen Material is durable and easy to clean
- 160 degree wide viewing angle for commercial and residential presentations
- Black backed screen material eliminates light penetration for superior color reproduction
- Black masking enhances picture contrast

### Casing and Installation:

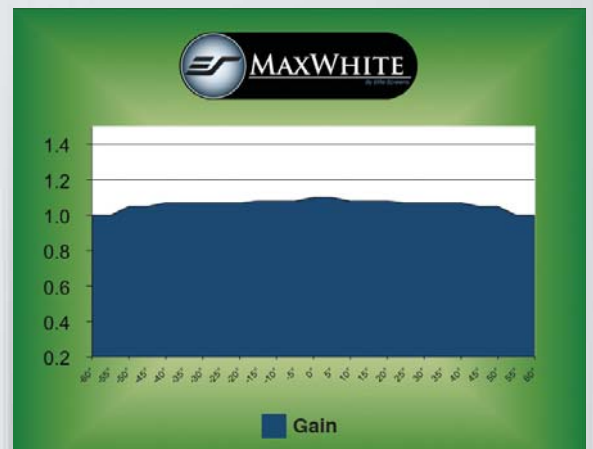
- Durable metal casing
- Suitable for wall/ceiling installations
- Optional 6", 12" and 18" brackets available

### Control System:

- Auto-locking mechanism with variable height settings
- Manually operated (lanyard included)

### Warranty:

- 2-year parts and labor
- 3-year warranty for GEMR (Government, Education, Military and Religious) - US only



Elite Screens' MaxWhite Screen Material is durable for daily use and Easy to Clean. It has a wide viewing angle with 1.1 Gain and is suitable for most applications including Commercial /Educational and Residential. MaxWhite Screen material has a black backing to eliminate light penetration for superior color reproduction. Its Texture pattern eliminates Moiré or Hot Spotting which is a common phenomenon with poorly made projection screen material or wall projections.



Optional 6", 12" or 18" Brackets can always provide more flexibility with an installation. Please contact your reseller or visit [shop.elitescreens.com](http://shop.elitescreens.com) for accessory parts.



Available in Black and White Casing Colors.



Black-Backed Screen Material



Lanyard Included for Convenient Operation

Elite Screens stocks all sizes from 71" to 170" in 1:1, 4:3, 16:9 and 16:10 aspect ratios. Choose from white or black metallic casing options.

## Manual Series: Business/Education Manual Pull Down Projector Screen 1:1 format

Model	Nominal Diagonal	View Height (in)	View Width (in)	View Height (cm)	View Width (cm)	UPS or FedEx	Net Weight (lbs)	Gross Weight (lbs)	Net Weight (kgs)	Gross Weight (kgs)	Packaging Dimension (LxHxW)	Gain	Screen Material	Case Color
M71UWS1	71" (1:1)	50.0	50.0	127.0	127.0	Yes	10.1	12.6	4.6	5.7	59"x4.5"x5"	1.1	MaxWhite	Black
M71XWS1	71" (1:1)	50.0	50.0	127.0	127.0	Yes	10.1	12.6	4.6	5.7	59"x4.5"x5"	1.1	MaxWhite	White
M85UWS1	85" (1:1)	60.0	60.0	152.4	152.4	Yes	12.6	20.0	5.7	9.1	73.6"x4.5"x5"	1.1	MaxWhite	Black
M85XWS1	85" (1:1)	60.0	60.0	152.4	152.4	Yes	12.6	20.0	5.7	9.1	73.6"x4.5"x5"	1.1	MaxWhite	White
M99NWS1	99" (1:1)	70.0	70.0	177.8	177.8	Yes	16.7	23.4	7.6	10.6	80"x4.5"x5"	1.1	MaxWhite	White
M99UWS1	99" (1:1)	70.0	70.0	177.8	177.8	Yes	16.7	23.4	7.6	10.6	80"x4.5"x5"	1.1	MaxWhite	Black
M113NWS1	113" (1:1)	80.0	80.0	203.2	203.2	Yes	19.3	23.4	8.8	11.0	90"x5.5"x5.5"	1.1	MaxWhite	White
M113UWS1	113" (1:1)	80.0	80.0	203.2	203.2	Yes	19.3	23.4	8.8	11.0	90"x5.5"x5.5"	1.1	MaxWhite	Black
M119UWS1	119" (1:1)	84.0	84.0	213.4	213.4	Yes	20.9	25.4	9.5	11.5	94"x5.5"x5.5"	1.1	MaxWhite	Black
M119XWS1	119" (1:1)	84.0	84.0	213.4	213.4	Yes	20.9	25.4	9.5	11.5	94"x5.5"x5.5"	1.1	MaxWhite	White
M136UWS1	136" (1:1)	96.0	96.0	243.8	243.8	Yes	23.9	28.3	10.8	12.9	106.2"x5.5"x5.5"	1.1	MaxWhite	Black
M136XWS1	136" (1:1)	96.0	96.0	243.8	243.8	Yes	23.9	28.3	10.8	12.9	106.2"x5.5"x5.5"	1.1	MaxWhite	White
M170XWS1	170" (1:1)	120.0	120.0	304.8	304.8	No	35.7	42.3	16.2	19.2	130.7"x5.83"x6.3"	1.1	MaxWhite	White

## Manual Series: Business/Education Manual Pull Down Projector Screen

Model	Nominal Diagonal	View Height (in)	View Width (in)	View Height (cm)	View Width (cm)	UPS or FedEx	Net Weight (lbs)	Gross Weight (kg)	Net Weight (lbs)	Gross Weight (kgs)	Packaging Dimension (LxHxW)	Gain	Screen Material	Case Color
M80NWV	80" (4:3)	48.0	64.0	121.9	162.6	Yes	12.7	15.8	5.8	7.2	73.3"x4.5"x5"	1.1	MaxWhite	White
M84NWV	84" (4:3)	50.3	67.0	127.8	170.2	Yes	13.7	16.5	6.2	7.5	76"x4.5"x5"	1.1	MaxWhite	White
M100NWV1	100" (4:3)	60.0	80.0	152.4	203.2	Yes	18.0	21.8	8.2	9.9	90.25"x5.5"x5.5"	1.1	MaxWhite	White
M100UWV1	100" (4:3)	60.0	80.0	152.4	203.2	Yes	18.0	21.8	8.2	9.9	90.25"x5.5"x5.5"	1.1	MaxWhite	Black
M120UWV2	120" (4:3)	72.0	96.0	182.9	243.8	Yes	22.0	26.3	10.0	11.9	106.25"x5"x5"	1.1	MaxWhite	Black
M120XWV2	120" (4:3)	72.0	96.0	182.9	243.8	Yes	22.0	26.3	10.0	11.9	106.25"x5"x5"	1.1	MaxWhite	White
M135UWV2	135" (4:3)	81.0	108.0	205.7	274.3	No	31.2	36.7	14.2	16.6	118"x5.83"x6.3"	1.1	MaxWhite	Black
M135XWV2	135" (4:3)	81.0	108.0	205.7	274.3	No	31.2	36.7	14.2	16.6	118"x5.83"x6.3"	1.1	MaxWhite	White
M150UWV2	150" (4:3)	90.0	120.0	228.6	304.8	No	35.3	41.9	16.0	19.0	130.31"x5.83"x6.3"	1.1	MaxWhite	Black
M150XWV2	150" (4:3)	90.0	120.0	228.6	304.8	No	35.3	41.9	16.0	19.0	130.31"x5.83"x6.3"	1.1	MaxWhite	White
M84UWH	84" (16:9)	41.0	73.0	104.1	185.4	Yes	13.7	16.8	6.2	7.6	82"x4.5"x5"	1.1	MaxWhite	Black
M84UWH-E30	84" (16:9)	41.0	73.0	104.1	185.4	Yes	13.7	16.8	6.2	7.6	82"x4.5"x5"	1.1	MaxWhite	Black
M84XWH-E30	84" (16:9)	41.0	73.0	104.1	185.4	Yes	13.7	16.8	6.2	7.6	82"x4.5"x5"	1.1	MaxWhite	White
M92UWH	92" (16:9)	45.1	80.2	114.6	203.7	Yes	15.6	19.1	7.1	8.7	88.3"x4.5"x5"	1.1	MaxWhite	Black
M100UWH	100" (16:9)	49.0	87.0	124.5	221.0	Yes	20.1	24.3	9.1	11.0	97.5"x5.5"x5.5"	1.1	MaxWhite	Black
M100XWH	100" (16:9)	49.0	87.0	124.5	221.0	Yes	20.1	24.3	9.1	11.0	97.5"x5.5"x5.5"	1.1	MaxWhite	White
M100XWH-E24	100" (16:9)	49.1	87.2	124.7	221.5	Yes	20.1	24.3	9.1	11.0	97.5"x5.5"x5.5"	1.1	MaxWhite	White
M106UWH	106" (16:9)	52.0	92.4	132.1	234.7	Yes	20.7	24.9	9.4	11.3	102.75"x5.5"x5.5"	1.1	MaxWhite	Black
M120UWH2	120" (16:9)	58.8	104.6	149.4	265.7	No	23.4	28.7	10.6	13.0	115"x 5.5"x5.5"	1.1	MaxWhite	Black
M120XWH2	120" (16:9)	58.8	104.6	149.4	265.7	No	23.4	28.7	10.6	13.0	115"x 5.5"x5.5"	1.1	MaxWhite	White
M120XWH2-E24	120" (16:9)	58.5	104.0	148.6	264.2	No	23.4	28.7	10.6	13.0	115"x 5.5"x5.5"	1.1	MaxWhite	White
M135UWH2	135" (16:9)	66.0	117.3	167.6	298.0	No	31.1	37.6	14.1	17.1	127.8"x5.83"x6.3"	1.1	MaxWhite	Black
M135XWH2	135" (16:9)	66.2	117.7	168.1	299.0	No	31.1	37.6	14.1	17.1	127.8"x5.83"x6.3"	1.1	MaxWhite	White
M150UWH2	150" (16:9)	73.5	130.7	186.7	332.0	No	35.9	42.2	16.3	19.2	140.94"x5.83"x6.3"	1.1	MaxWhite	Black
M150XWH2	150" (16:9)	73.5	130.7	186.7	332.0	No	35.9	42.2	16.3	19.2	140.94"x5.83"x6.3"	1.1	MaxWhite	White
M86UWX	86" (16:10)	45.6	73.0	185.4	185.4	Yes	13.7	15.6	6.2	7.5	81.8"x4.5"x4.9"	1.1	MaxWhite	Black
M94UWX	94" (16:10)	49.8	79.7	126.5	202.4	Yes	15.7	18.6	7.1	8.4	88.23"x4.49"x4.92"	1.1	MaxWhite	Black
M109UWX	109" (16:10)	57.8	92.4	146.7	234.7	Yes	20.3	24.7	9.2	11.2	102.7"x5.4"x5.5"	1.1	MaxWhite	Black
M128UWX	128" (16:10)	67.8	108.4	172.2	275.3	No	28.8	34.3	13.1	15.6	118.2"x5.83"x6.3"	1.1	MaxWhite	Black
M139UWX	139" (16:10)	73.3	117.3	186.2	297.9	No	33.3	38.9	15.1	17.6	127.8"x5.8"x6"	1.1	MaxWhite	Black

### Manual Pull-Down Series Dimensions Table

Model	Screen Diag. & Aspect Ratio	Case Length (A)	Screen Width (A1)	View Width (A2)	Weight Bar Length (A3)	Bottom Edge Distance (B4)	Screen Material to Weight Bar Height (B3)	View Height (B1)	Overall Height (B)	End Cap Height (B5)	End Cap Width (C)	Distance from Screen material to wall (C1)
M84UWH	84" (16:9)	2014	1936	1860	2010	62	1222	1046	1304	82	69	20
M84H-E30	84" (16:9)	2014	1936	1860	2010	62	1870	1046	1952	82	69	20
M92UWH	92" (16:9)	2166	2113	2037	2162	62	1322	1146	1404	82	69	20
M100H	100" (16:9)	2374	2290	2214	2370	62	1421	1245	1503	82	69	20
M100H-E24	100" (16:9)	2374	2290	2214	2370	62	1917	1245	1999	82	69	20
M106UWH	106" (16:9)	2506	2423	2347	2502	62	1496	1320	1588	92	79.5	20
M120H	120" (16:9)	2816	2733	2657	2812	62	1670	1494	1762	92	79.5	20
M120H-E24	120" (16:9)	2816	2733	2657	2812	62	2166	1494	2258	92	79.5	20
M135H	135" (16:9)	3148	3065	2989	3144	62	1857	1681	1962	105	88	20
M150H	150" (16:9)	3484	3397	3321	3480	62	2044	1868	2149	105	88	20
M80NWX	80" (4:3)	1786	1702	1626	1782	62	1395	1219	1477	82	69	20
M84NWX	84" (4:3)	1867	1783	1707	1863	62	1418	1280	1500	82	69	20
M100V	100" (4:3)	2166	2108	2032	2162	62	1700	1524	1782	82	69	20
M120V	120" (4:3)	2598	2514	2438	2594	62	2005	1829	2097	92	79.5	20
M135V	135" (4:3)	2907	2819	2743	2903	62	2233	2057	2338	105	88	20
M150V	150" (4:3)	3212	3124	3048	3208	62	2462	2286	2567	105	88	20
M71S	71" (1:1)	1425	1351	1275	1421	62	1451	1275	1533	82	69	20
M85S	85" (1:1)	1677	1603	1527	1673	62	1703	1527	1785	82	69	20
M99S	99" (1:1)	1938	1854	1778	1934	62	1916	1778	2008	92	79.5	20
M113S	113" (1:1)	2192	2106	2030	2188	62	2206	2030	2298	92	79.5	20
M119S	119" (1:1)	2294	2210	2134	2290	62	2300	2137	2392	92	79.5	20
M136S	136" (1:1)	2598	2519	2443	2594	62	2619	2443	2711	92	79.5	20
M170S	170" (1:1)	3244	3124	3048	3240	62	3224	3048	3329	105	88	20
M94UWX	94" (1:1)	2192	2101	2025	2188	62	1441	1265	1523	82	69	20
M128UWX	128" (1:1)	2923	2833	2757	2919	62	1899	1723	1991	92	79.5	20

Unit: mm

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Model	Screen Diag. & Aspect Ratio	Case Length (A)	Screen Width (A1)	View Width (A2)	Weight Bar Length (A3)	Bottom Edge Distance (B4)	Screen Material to Weight Bar Height (B3)	View Height (B1)	Overall Height (B)	End Cap Height (B5)	End Cap Width (C)	Distance from Screen material to wall (C1)
M84UWH	84" (16:9)	79.3	76.2	73.2	79.1	2.4	48.1	41.2	51.3	3.2	2.7	0.8
M84H-E30	84" (16:9)	79.3	76.2	73.2	79.1	2.4	73.6	41.2	76.9	3.2	2.7	0.8
M92UWH	92" (16:9)	85.3	83.2	80.2	85.1	2.4	52.0	45.1	55.3	3.2	2.7	0.8
M100UWH	100" (16:9)	93.5	90.2	87.2	93.3	2.4	55.9	49.0	59.2	3.2	2.7	0.8
M100H-E24	100" (16:9)	93.5	90.2	87.2	93.3	2.4	75.5	49.0	78.7	3.2	2.7	0.8
M106UWH	106" (16:9)	98.7	95.4	92.4	98.5	2.4	58.9	52.0	62.5	3.6	3.1	0.8
M120H	120" (16:9)	110.9	107.6	104.6	110.7	2.4	65.7	58.8	69.4	3.6	3.1	0.8
M120H-E24	120" (16:9)	110.9	107.6	104.6	110.7	2.4	85.3	58.8	88.9	3.6	3.1	0.8
M135H	135" (16:9)	123.9	120.7	117.7	123.8	2.4	73.1	66.2	77.2	4.1	3.5	0.8
M150H	150" (16:9)	137.2	133.7	130.7	137.0	2.4	80.5	73.5	84.6	4.1	3.5	0.8
M80NWX	80" (4:3)	70.3	67.0	64.0	70.2	2.4	54.9	48.0	58.1	3.2	2.7	0.8
M84NWX	84" (4:3)	73.5	70.2	67.2	73.3	2.4	55.8	50.4	59.1	3.2	2.7	0.8
M100V	100" (4:3)	85.3	83.0	80.0	85.1	2.4	66.9	60.0	70.2	3.2	2.7	0.8
M120V	120" (4:3)	102.3	99.0	96.0	102.1	2.4	78.9	72.0	82.6	3.6	3.1	0.8
M135V	135" (4:3)	114.4	111.0	108.0	114.3	2.4	87.9	81.0	92.0	4.1	3.5	0.8
M150V	150" (4:3)	126.5	123.0	120.0	126.3	2.4	96.9	90.0	101.1	4.1	3.5	0.8
M71S	71" (1:1)	56.1	53.2	50.2	55.9	2.4	57.1	50.2	60.4	3.2	2.7	0.8
M85S	85" (1:1)	66.0	63.1	60.1	65.9	2.4	67.0	60.1	70.3	3.2	2.7	0.8
M99S	99" (1:1)	76.3	73.0	70.0	76.1	2.4	75.4	70.0	79.1	3.6	3.1	0.8
M113S	113" (1:1)	86.3	82.9	79.9	86.1	2.4	86.9	79.9	90.5	3.6	3.1	0.8
M119S	119" (1:1)	90.3	87.0	84.0	90.2	2.4	90.6	84.1	94.2	3.6	3.1	0.8
M136S	136" (1:1)	102.3	99.2	96.2	102.1	2.4	103.1	96.2	106.7	3.6	3.1	0.8
M170S	170" (1:1)	127.7	123.0	120.0	127.6	2.4	126.9	120.0	131.1	4.1	3.5	0.8
M94UWX	94" (1:1)	86.3	82.7	79.7	86.1	2.4	56.7	49.8	60.0	3.2	2.7	0.8
M128UWX	128" (1:1)	115.1	111.5	108.5	114.9	2.4	74.8	67.8	78.4	3.6	3.1	0.8

Unit: inch

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The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator's discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.

