ELITE SCREENS

2016 Kestrel Series Product Brochure

The Kestrel electric floor series has a matte black finish that makes it an attractive centerpiece for home theater and high level conference rooms where wall/ceiling installations are not practical.

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video

Kestrel Series

The Kestrel electric floor series has a stylish piano gloss finish that makes it an attractive centerpiece for home theater and high level conference rooms where wall/ceiling installations are not practical.

The Kestrel Electric Floor Series is suitable for fixed or mobile presentations with the following features:

Screen Material:
- MaxWhite Fiber-Glass 1.1 Gain Screen Material is flat, durable and easy to clean.
- 180º wide-viewing angle for commercial and residential presentations
- Black masking enhances picture contrast
- Available in 4:3, 16:9 and 2.35:1 aspect ratios
- Active 3D and 4K Ultra HD Ready

Housing Finish and Installation:
- Heavy Duty Aluminum Housing with enamel coating is moisture resistant.
- Ships fully assembled with 3-prong power connection ready to Plug & Play
- Free-standing projection screen appear and disappear from a touch of button

Flatness Treatment & Motor System:
- Free-standing electric installation has no invasive drawbacks of structural integration
- Tubular motor allows fast swift operation with a superior weight tolerance and operational lifespan
- Fiberglass-backed material has added flatness

Control System:
- Infrared & Radio Frequency remotes and wall switch
- Internal IR/RF low voltage receivers
- 5-12 volt trigger synchronizes with projector
- Optional In-wall up/down switch and wireless 5-12V controls available

Quality and Reliability:
- Standard 2-year parts and labor warranty
- 3-year warranty for ENR-G (Educational, Non-profit, Religious or Government/Military) - US only
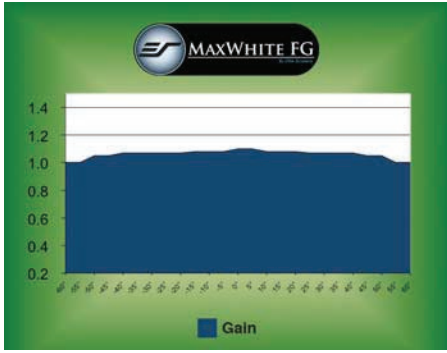- ETL, FCC, CE, CB GOSTCE & ISO9001:2008 Certified

Certified
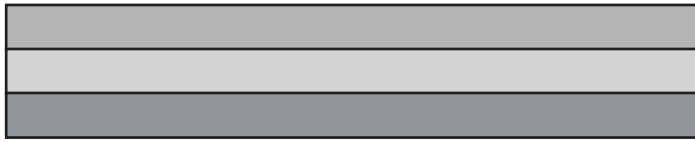- GREENGUARD® and GREENGUARD® Gold Certified

Durable aluminum black case with piano gloss finish

MaxWhite FG Screen Material is the enhanced version of our most versatile front projection screen surface with fiberglass backing for enhanced flatness. Fiber glass backing provides unlimited viewing angles with perfectly flat uniformity while giving precise definition and color reproduction with black and white contrast. Screen Surface is durable, mildew resistant and easy to clean.

■ Gain

MaxWhite FG Coating w/ Pattern Texture

Internal Fiber Glass Textured Material

MaxWhite FG Screen Material, Multi-Layer, Cross-Array Coated with Matte White Optical Material. It is flame and mildew resistant.

Black Soft Vinyl (Blocks Light Penetration)

TOTAL CONTROL SOLUTION

- RF remotes provide control options up to a 100' (30.5M) range even with the screen in a concealed location.
- Standard Built-In 5-12 Volt Trigger enables Drop/Rise Cycle to synchronize with the projector's power cycle
- Internal low voltage internal IR/RF receivers eliminates the need for a wall box
- Optional Wireless 5-12V Projector Trigger
- Optional In-wall Up/Down switch

All Elite Electric screens have various control options that work in conjunction with its Low Voltage Controller (LVC). Our 5-12V trigger port uses a standard RJ45 connection that can be utilized with other control attachments.

Optional ZSP-TR02 Wireless Projector Trigger

- Wireless 5-12 Volt operates the screen with the projector's power cycle via remote control.
- RF(Radio Frequency) long distance control of your Elite electronic screen from up to 100' (30.5M) away
- Functions both as wireless RF Remote control and projector trigger
- Low power consumption with long battery life for up to 5 years or 5000 up/down cycles

Kestrel Series

Model	Screen Diag. & Aspect Ratio	View Height (in)	View Width (in)	View Height (cm)	View Width (cm)	N.W. (lbs.)	G.W. (lbs.)	N.W. (kgs)	G.W. (Kgs)	Packaging Dimensions (LxHxW)	Gain	Screen Material	Case Color
FE72V	72"(4:3)	43.2	57.6	109.7	146.3	48.2	61.0	21.9	27.73	70"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE84V	84"(4:3)	50.4	67.2	128.0	170.7	52.0	66.7	23.7	30.32	85.8"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE92V	92" (4:3)	55.2	73.6	140.2	186.9	54.5	69.9	24.8	31.77	90.2"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE100V	100"(4:3)	60.0	80.0	152.4	203.2	67.5	77.7	30.7	35.33	92.5"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE72H	72"(16:9)	34.9	62.0	88.6	157.5	47.9	63.4	21.8	28.82	77"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE84H	84"(16:9)	41.2	73.2	104.6	185.9	63.5	69.5	28.9	31.58	88"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE92H	92"(16:9)	45.1	80.2	114.6	203.7	67.5	77.1	30.7	35.05	92.5"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE100H	100"(16:9)	49.1	87.2	124.7	221.5	70.8	74.0	32.2	33.64	99.8"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE85C	85"(2.35:1)	33.0	77.6	83.8	197.0	60.5	71.2	27.5	32.4	93.2"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE92C	92"(2.35:1)	36.0	84.7	91.4	215.1	61.1	75.4	27.8	34.3	100"x9.1"x12.2"	1.1	MaxWhite FG	Black
FE96C	96"(2.35:1)	37.5	88.1	95.3	223.8	62.4	78.3	28.4	35.6	101"x9.1"x12.2"	1.1	MaxWhite FG	Black

Kestrel Dimensions Table

Model	Screen Diag. & Aspect Ratio	Case Length (A)	View Width (A1)	Screen Width (A2)	Front Cover Panel (A3)	L/R Black Masking Border (A4)	Overall Height (B)	View Height (B1)	Screen Height (B2)	Top Black Masking Border (B3)	Bottom Black Border (B4)
FE72V	72" (4:3)	1666	1463	1563	1634	50	1686	1097	1573	76	400
FE84V	84" (4:3)	1910	1707	1807	1878	50	1869	1280	1756	76	400
FE92V	92" (4:3)	2165	1869	1969	2133	50	1991	1402	1878	76	400
FE100V	100" (4:3)	2255	2032	2132	2223	50	2113	1524	2000	76	400
FE72H	72" (16:9)	1798	1594	1694	1766	50	1536	897	1423	76	450
FE84H	84" (16:9)	2064	1860	1960	2032	50	1685	1046	1572	76	450
FE92H	92" (16:9)	2232	2037	2137	2200	50	1785	1146	1672	76	450
FE100H	100" (16:9)	2420	2214	2314	2388	50	1884	1245	1771	76	450
FE85C	85" (2.35:1)	2190	1986	2086	2158	50	1484	845	1371	76	450
FE92C	92" (2.35:1)	2354	2150	2250	2322	50	1554	915	1441	76	450
FE96C	96" (2.35:1)	2448	2244	2344	2416	50	1594	955	1481	76	450

Unit: mm

Model	Screen Diag. & Aspect Ratio	Case Length (A)	View Width (A1)	Screen Width (A2)	Front Cover Panel (A3)	L/R Black Masking Border (A4)	Overall Height (B)	View Height (B1)	Screen Height (B2)	Top Black Masking Border (B3)	Bottom Black Border (B4)
FE72V	72" (4:3)	65.6	57.6	61.5	64.3	2.0	66.4	43.2	61.9	3.0	15.7
FE84V	84" (4:3)	75.2	67.2	71.1	73.9	2.0	73.6	50.4	69.1	3.0	15.7
FE92V	92" (4:3)	85.2	73.6	77.5	84.0	2.0	78.4	55.2	73.9	3.0	15.7
FE100V	100" (4:3)	88.8	80.0	83.9	87.5	2.0	83.2	60.0	78.7	3.0	15.7
FE72H	72" (16:9)	70.8	62.8	66.7	69.5	2.0	60.5	35.3	56.0	3.0	17.7
FE84H	84" (16:9)	81.3	73.2	77.2	80.0	2.0	66.3	41.2	61.9	3.0	17.7
FE92H	92" (16:9)	87.9	80.2	84.1	86.6	2.0	70.3	45.1	65.8	3.0	17.7
FE100H	100" (16:9)	95.3	87.2	91.1	94.0	2.0	74.2	49.0	69.7	3.0	17.7
FE85C	85" (2.35:1)	86.2	78.2	82.1	85.0	2.0	58.4	33.3	54.0	3.0	17.7
FE92C	92" (2.35:1)	92.7	84.6	88.6	91.4	2.0	61.2	36.0	56.7	3.0	17.7
FE96C	96" (2.35:1)	96.4	88.3	92.3	95.1	2.0	62.8	37.6	58.3	3.0	17.7

Unit: inch

Note: **Data Error ±1"**. 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.