



PROJECTION

Visualise your vision

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Choosing

the right projection screen

A projection screen is an indispensable component of a presentation or "Home Cinema" set-up. Because as good as the projector itself may be, the image must be projected in such a way that several people are able to see and read it at the same time.

Choosing the right projection screen is therefore extremely important. The objective of a projection screen is actually twofold: the display of visual information without a loss of image quality, and the

distribution of the projected light in the direction of the audience. Both aspects are necessary for an optimum perception of the projected image.

Each situation is unique and the choice of the right projection screen is influenced by factors such as ambient light, light output, projector set-up and the presentation room.

Set-up of presentation room and projector

The set-up of the presentation room (viewing angle) and the position of the projector (on the ceiling or on a table) are the first environmental factors upon which the choice of screen fabric will have to be based. A projection screen reflects the projected image according to a particular principle. The property of the projection screen which allows it to reflect light in a certain direction not only has consequences for the viewing angle, but the clarity of the image is influenced as well. A projection screen that distributes light evenly has a larger viewing angle and a lower gain, such as a Matte White projection screen fabric. Projection screens which bundle the light more offer a higher gain over a smaller viewing angle, such as the High Power projection screen fabric.

Ambient light and light output of the projector

The clarity the image should possess in order for it to be perceived well (quantity of light which comes from the projection screen) depends on the quantity of ambient light present, the gain of the screen fabric and the light output of the projector. For an optimum, legible projection quality, the light output of the projector, the size of the projection screen and the gain of the screen fabric should be attuned to one another. The following rule of thumb applies in calculating this:

$$\text{LUX} = \frac{\text{ANSI-Lumen projector}}{\text{Surface area of screen in m}^2} \times \text{gain}$$

LUX = 100 too little ambient light (approximately 2000 ANSI-Lumen)
LUX = 400 normal ambient light (as of 3000 ANSI-Lumen)

Expliciter:

The amount of light that is reflected by the projection screen is expressed in LUX. For an optimal image quality, the ratio between the LUX value of the projected image and the wall behind it should be a minimum of 5:1. A rule of thumb which may be used is that with normal ambient light, when the light output of the background

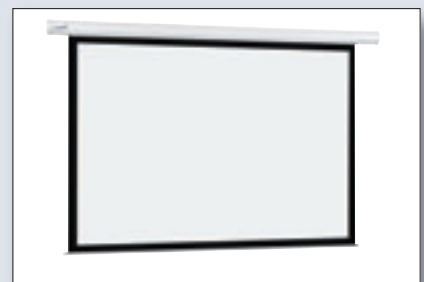
is approximately 80 LUX, the value of the amount of light (LUX) that is emitted by the projection screen should be roughly 400 LUX. If the amount of ambient light is too low, the LUX value of the background is approximately 20 which means that the LUX value of the screen should be around 100.

Choosing the right projection screen is extremely important.

See the difference:

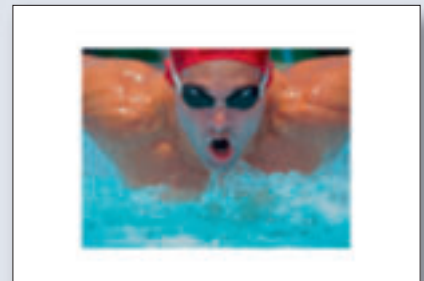


Projection screen without a black border

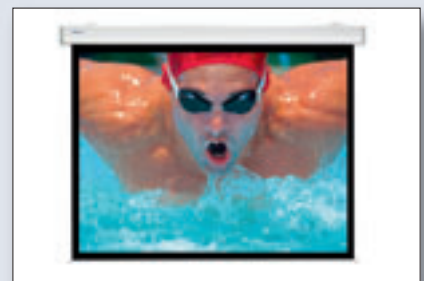


Projection screen with a black border

The black border increases the perceived clarity of the projected image




Projection on the wall



Projection on a projection screen

With a projection screen, the visual information will be shown without any quality lost. The projected light will be reflected towards the audience.

 The 4 steps shown on the following pages will provide you with the most important selection criteria which will help you to choose the right projection screen, while also taking your specific circumstances and needs into account.

The 4 steps

The next 4 steps provide you with the most important selection criteria which will help you to choose the right projection screen, while taking your specific circumstances and needs into account.

1 STEP 1: SCREEN TYPE



There are three types of projection screens:

- electrically operated projection screen
- manually operated projection screen
- portable projection screen

A portable projection screen is the best choice if a variety of locations are to be used for projection. If the projection room is permanent however, then you may choose from an electrical- or manual operated, depending on your personal preference and budget.

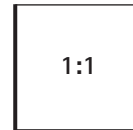
For special projection solutions, such as interactive projection and projection screens for rail systems, see page 36-39.

2 STEP 2: ASPECT RATIO



Depending on the projection method to be used, the projected image will have a certain width / height relationship. For the best results, it is advisable to select a projection screen with the

same ratio as that of the projected image. In general terms, a distinction may be made between the following aspect ratios:



Standard



Video



HDTV

3 STEP 3: Screen dimensions



The dimensions and hanging position of the projection screen are determined by the following guidelines:

Dimensions of the projection screen

Height (X) of the projection screen

=

1/6 of the distance from the projection screen to the last row of chairs

width of the projection screen =



width = height

4:3 width = 1.33 x height

16:9 width = 1.78 x height

Optimum viewing height

For the following types of use, the most optimum distance from the bottom of the projection screen to the floor is:

Professional use = minimum 125 cm
Home Cinema use = minimum 60-90 cm

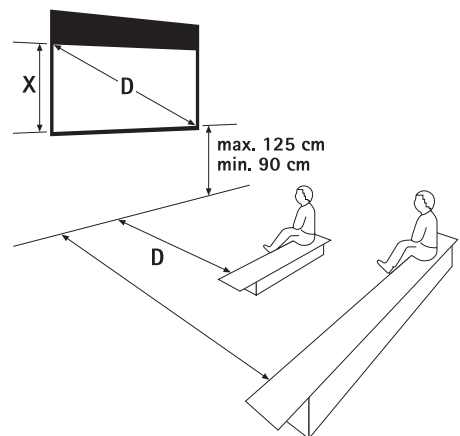
Minimum viewing distance

The optimum perception of the projected image is determined by:

Distance to the last row of audience

=

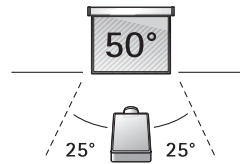
diagonal (D) dimension of the screen



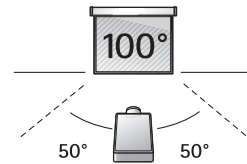
4 STEP 4: CHOOSING THE RIGHT SCREEN FABRIC

A choice may be made from the screen fabrics shown below. The selection will be determined primarily by the light output of the projector, the ambient light, the position of the projector (on the ceiling or placed at seat height) and the layout of the presentation room.

Narrow viewing angle 25° L/R
High Power



Wide viewing angle 50° L/R
Matte White



Fabrics of the Legamaster screens

Diffusion screen fabrics	Matte White		Fabric strengthen thermoplast	Dataflex thermoplast	Durable thermoplast
	S	M			
Gain	1.0	1.0	1.0	1.0	1.0
Viewing angle L/R	50°	50°	40°	40°	40°
Weight approx. gr/m ²	425	1350	420	300	260
Thickness approx. in mm	0.34	0.95	0.33	0.25	0.19
Fire safety	B2	B1	B2	B2	B2

Reflective screen fabrics	Datalux F
Gain	2.2
Viewing angle L/R	35°
Weight approx. gr/m ²	160
Thickness approx. in mm	0.11

At the screen pages you can find the screenfabric per screen.

Diffusion screen fabrics

Within the diffusion screen fabrics we offer the following variants: S, M, fabric strengthen thermoplast, dataflex thermoplast and durable thermoplast.

Suitable choice for applications which require a wide viewing angle (max. 50° L/R) or those in which a projector with a high light output is used. May also be used in situations in which the projector is placed at seat height as well as those in which the projector is mounted on the ceiling.

The differences between the several screen fabrics is mainly caused by the thickness of the fabric. A thicker surface lowers the chance of humps in the fabric.

All projector screen fabrics are tested for fire resistance and meet the norm B1 or B2.

Reflective screen fabrics

Screen fabric equipped with a special top layer for increased reflection. Particularly suitable for rooms with normal ambient light or a lower projector output and a maximum viewing angle of 35° L/R.

All of the projection screen fabrics satisfy the requirements for fire resistance of construction materials and components.

Easy Install

Flexible installation



Flexible installation with Easy Install

The variable hanging system ensures that the Legamaster projection screens will now be even easier to install. Easy Install results in major time savings and this naturally also results in a reduction in the costs of installation. Easy Install is an absolute improvement in the ease of installation, both for the professional market as well as for Home Cinema applications. Thanks to the plug & play installation, consumers may also easily install an electrical projection screen in their own homes.



1 Simplicity and ease

The principle behind Easy Install is simple. First two brackets are mounted to the wall or ceiling, and then the screen may be easily slid into the brackets and secured with screws. Even the largest screens may be quickly and easily installed using this system.



2 Flexible choice for drill holes

Thanks to Easy Install, the screen width no longer determines the position of the points of suspension. The mounting brackets may be mounted to the wall or ceiling within 50 cm of the two ends of the screen. It is also possible to make corrections either to the left or right after hanging. This means the end of fixed drilling measurements. A Legamaster projection screen is now even easier to install and always hangs perfectly in no time.



3 Plug & play accessories

With the plug & play accessories, everyone may easily install an electrical projection screen: connect the plug to the screen, conceal the wiring neatly in the end caps, and the projection screen is ready to use.

Legamaster Easy Install projection screens:

- PROFESSIONAL electrical RF wall / ceiling projection screen page 10
- PROFESSIONAL electrical wall / ceiling projection screen, except the dimension 300 x 400 cm page 11
- PREMIUM electrical RF wall / ceiling projection screen page 12
- PREMIUM electrical wall / ceiling projection screen page 13
- PROFESSIONAL winder wall / ceiling projection screen page 16
- PREMIUM winder wall / ceiling projection screen page 17
- PROFESSIONAL manual wall / ceiling projection screen page 19

For the Easy Install accessories, please see page 34

Qualities

of the different screens

Screen qualities

There are many kinds of projection screens on the market with varying degrees of difference in regards to quality. To make the selection process easier, Legamaster have given our products names that easily distinguish their various levels of quality.

1) PROFESSIONAL projection screens – for intensive use

Top quality screens which meet the highest requirements, for the demanding user.



2) PREMIUM / UNIVERSAL projection screens – For regular use

Excellent projection screens with good price / quality ratio.



3) BASIC projection screens – For occasional use

A good alternative for price aware buyers.



Would you like to know more about the differences between the three qualities, have a look at the next pages for a detailed overview

Overview of the screens

Ref. no.	Easy	Install (Easy install)	Set up	Motor operation	Quality	Intensive use	Regular use	Occasional use	Width / height relation	1:1	4:3	16:9
Electrical wall / ceiling projection screens												
PROFESSIONAL electrical built-in				☆☆☆		■				■	■	
PROFESSIONAL electrical RF		☆	☆☆☆	☆☆☆		■					■	■
PROFESSIONAL electrical		☆	☆☆☆	☆☆☆		■				■	■	■
PREMIUM electrical RF		☆	☆☆☆	☆☆			■			■	■	■
PREMIUM electrical		☆	☆☆☆	☆☆			■			■	■	■
BASIC electrical				☆				■			■	
Winder projection screens for wall / ceiling												
PROFESSIONAL winder		☆	☆☆☆			■				■	■	
PREMIUM winder		☆	☆☆☆				■			■	■	
Manual projection screens for wall / ceiling												
PROFESSIONAL manual		☆	☆☆☆			■					■	■
PREMIUM manual							■			■	■	■
BASIC manual								■		■	■	
Portable projection screens												
PROFESSIONAL portable			☆☆☆			■					■	■
PREMIUM portable			☆☆☆				■				■	■
UNIVERSAL portable			☆☆☆				■				■	
BASIC portable			☆☆☆					■			■	
Tripod projection screens												
PROFESSIONAL tripod						■				■	■	
PREMIUM tripod							■			■	■	
BASIC tripod								■		■		

Characteristics of the projection screens

	Borders			Screen fabric						Remote control			Page
	Black border	At the sides 1:1 screens	Around 4:3 / 16:9 screens	Matt white S	Matt white M	Woven	Datalux F	Matt white foil		IR (IR = infrared)	RF (RF= Radio frequency)		
Electrical wall / ceiling projection screens													
PROFESSIONAL electrical built-in	■	■	■	■						■			9
PROFESSIONAL electrical RF	■	■			■					■	■		10
PROFESSIONAL electrical	■	■	■		■					■			11
PREMIUM electrical RF	■	■	■	■							■		12
PREMIUM electrical	■	■	■	■						■			13
BASIC electrical	■		■			■				■			15
Winder projection screens for wall / ceiling													
PROFESSIONAL winder	■	■	■		■								16
PREMIUM winder	■	■	■	■									17
Manual projection screens for wall / ceiling													
PROFESSIONAL manual	■	■		■									19
PREMIUM manual	■	■	■	■									20
BASIC manual						■							21
Portable projection screens													
PROFESSIONAL portable	■		■				■						23
PREMIUM portable	■		■	■									24
UNIVERSAL portable	■		■					■					25
BASIC portable	■		■					■					26
Tripod projection screens													
PROFESSIONAL tripod	■	■	■	■									28
PREMIUM tripod	■	■	■	■									29
BASIC tripod						■							30

Electrical

wall / ceiling projection screens

For easy use



Electrical wall / ceiling projection screens

The electrical projection screens from Legamaster are ideal for when heavy demands are placed on the projection screen.

Available with either an integrated remote control, a radio frequency (RF) remote control or a pre-programmed infrared (IR) remote control. Legamaster electrical projection screens aim to make projecting easier.

i We supply electrical projection screens in the PROFESSIONAL, PREMIUM and BASIC ranges to suit all budgets and requirements. For an explanation of these qualities, please see page 6

PROFESSIONAL electrical built-in

ceiling projection screen

Electric built-in projection screen for professional use



- Sturdy construction
- Projection screen is pre-assembled
- Quality marks:
CE, TÜV/GS, IEC 60335-1,
IEC 60335-2, DIN19045-5,
IEC 61000 for Electro Magnetic Compatibility

- Concealed-in-ceiling projection screen
- Matt white S screen fabric
- Case and electrical connection can be assembled beforehand
- Metal roller with screen fabric can be quickly and easily assembled afterwards
- After installing the screen fabric the motor is always accessible
- White case with extra supports for ceiling systems
- After retraction, the white door closes the case seamlessly
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Black border increases perceived clarity of the projected image
- Quiet, fast motor with a 5-year guarantee
- Comes complete with remote control
- Formats square (1:1) and video (4:3)
- Case colour is white; RAL 9016

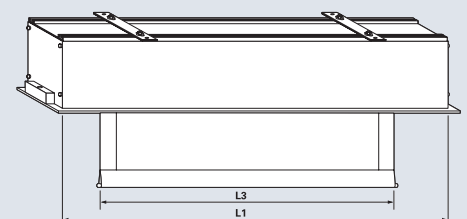
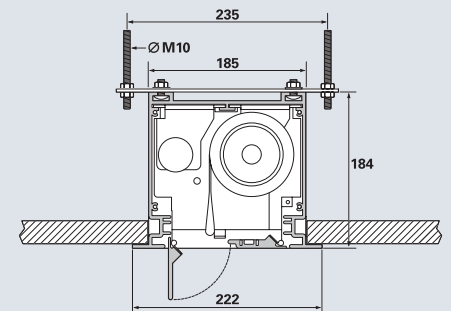
1:1 Standard format

case dimension height x width	viewing size height x width	kg	up/ down	housing dimension L1 mm L3 mm	ref. no.
178 x 178 cm	172 x 172 cm	38	14 sec.	2089 1778	5502 53
213 x 213 cm	207 x 207 cm	44	16 sec.	2445 2134	5502 55
244 x 244 cm	234 x 234 cm	49	18 sec.	2750 2439	5502 57
274 x 274 cm	264 x 264 cm	53	21 sec.	3054 2743	5502 57
305 x 305 cm	295 x 295 cm	71	23 sec.	3359 3048	5502 59
366 x 366 cm	356 x 356 cm	83	27 sec.	3970 3659	5502 60

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	up/ down	housing dimension L1 mm L3 mm	ref. no.
135 x 178 cm	127 x 170 cm	84"	37	10 sec.	2089 1778	5503 53
162 x 213 cm	152 x 203 cm	100"	43	12 sec.	2445 2134	5503 55
185 x 244 cm	175 x 234 cm	120"	48	14 sec.	2750 2439	5503 57
231 x 305 cm	221 x 295 cm	150"	58	17 sec.	3359 3048	5503 59
277 x 366 cm	267 x 356 cm	180"	69	21 sec.	3970 3659	5503 62
315 x 416 cm	305 x 406 cm	200"	78	23 sec.	4477 4166	5503 64

Accessories see pages 31-35



Dimensions in mm

PROFESSIONAL electrical RF

wall / ceiling projection screen

Top quality, electrically operated projection screen with built-in radio frequency remote control



- Sturdy construction
- Easy Install system
- (Cordless) RF remote control
- Quality marks:
CE, TÜV/GS, IEC 60335-1, IEC 60335-2, DIN19045-5, IEC 61000 for Electro Magnetic Compatibility, NEN 1010 and EN 60335-2 for radio transmitter equipment; this is valid for the remote control

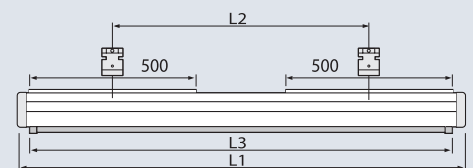
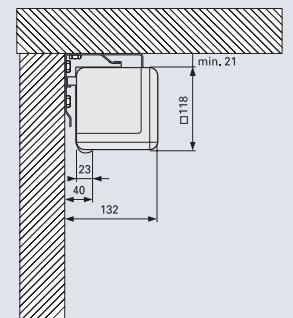
- Ideal for building in or recessed ceilings
- Matt white M screen fabric
- Easy to mount on wall and ceiling using the Easy Install system
- With built-in radio frequency receiver and 1-channel transmitter for cordless remote control
- Supplied with extra high, black border on upper side for realisation of ideal viewing height. All other sides have a 5 cm black border
- Triangular support rolls away completely into case. Ideal for building in or recessed ceilings
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Quality screen fabric results in flat-hanging screen
- Screen fabric complies with the highest standard for fire safety (B1)
- Black border increases perceived clarity of the projected image
- Quiet, fast motor with 5 year guarantee
- Formats video (4:3) and HDTV (16:9)
- Supplied complete with 3-metre connection cable
- Case colour is white; RAL 9016

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	up/ down	housing dimension			ref. no.
					L1 mm	L2 mm	L3 mm	
123 x 160 cm	110 x 146 cm	72"	17	16 sec.	1715	729-1529	1620	5504 52
138 x 180 cm	126 x 168 cm	84"	19	16 sec.	1915	929-1729	1820	5504 53
153 x 200 cm	143 x 190 cm	100"	21	16 sec.	2135	1149-1949	2040	5504 54
183 x 240 cm	173 x 230 cm	120"	26	17 sec.	2535	1549-2349	2440	5504 56

16:9 Format for wide screen use

case dimension height x width	viewing size height x width	inch	kg	up/ down	housing dimension			ref. no.
					L1 mm	L2 mm	L3 mm	
90 x 160 cm	82 x 146 cm	65"	17	16 sec.	1715	729-1529	1620	5504 11
102 x 180 cm	95 x 168 cm	82"	19	16 sec.	1915	929-1729	1820	5504 12
117 x 200 cm	107 x 190 cm	92"	21	16 sec.	2135	1149-1949	2040	5504 13
139 x 240 cm	129 x 230 cm	106"	26	17 sec.	2535	1549-2349	2440	5504 14



Accessories see pages 31-35

Dimensions in mm

PROFESSIONAL electrical

wall / ceiling projection screen

Top quality, electrically operated projection screen



- Easy Install system
- Sturdy construction
- Quality marks:
CE, TÜV/GS, IEC 60335-1,
IEC 60335-2, DIN19045-5,
IEC 61000 for Electro Magnetic Compatibility

- Ideal for building in or recessed ceilings
- Matt white M screen fabric
- Easy to mount on wall and ceiling using the Easy Install system
- Triangular support rolls away completely into case
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Quality screen fabrics results in flat-hanging screen
- Black border increases perceived clarity of the projected image
- Quiet, fast motor with a 5-year guarantee
- Formats square (1:1), video (4:3) and HDTV (16:9)
- Supplied complete with 3-metre connection cable and switch
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	inch	kg	up / down	housing dimension			ref. no.
					L1 mm	L2 mm	L3 mm	
160 x 160 cm	151 x 151 cm	-	18	13 sec.	1715	729-1529	1620	5501 52
180 x 180 cm	173 x 173 cm	-	19	15 sec.	1915	929-1729	1820	5501 53
200 x 200 cm	195 x 195 cm	-	23	17 sec.	2135	1149-1949	2040	5501 54
220 x 220 cm	215 x 215 cm	-	25	18 sec.	2335	1349-2149	2240	5501 55
240 x 240 cm	230 x 230 cm	-	29	20 sec.	2535	1549-2349	2440	5501 56
280 x 280 cm	270 x 270 cm	-	33	23 sec.	2935	1949-2749	2840	5501 58
300 x 300 cm	290 x 290 cm	-	37	24 sec.	3135	2149-2949	3040	5501 59

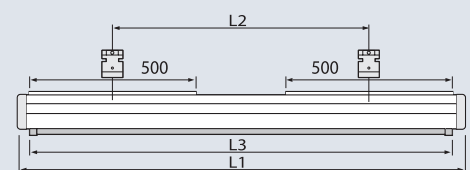
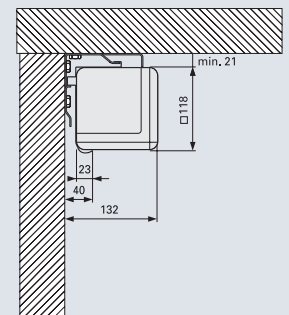
4:3 Format for data / video projection

123 x 160 cm	110 x 146 cm	72"	17	23 sec.	1715	729-1529	1620	5515 52
138 x 180 cm	126 x 168 cm	84"	19	23 sec.	1915	929-1729	1820	5515 53
153 x 200 cm	143 x 190 cm	100"	21	23 sec.	2135	1149-1949	2040	5515 54
183 x 240 cm	173 x 230 cm	120"	26	23 sec.	2535	1549-2349	2440	5515 56
213 x 280 cm	203 x 270 cm	140"	30	23 sec.	2935	1949-2749	2840	5515 58
228 x 300 cm	218 x 290 cm	150"	33	23 sec.	3135	2149-2949	3040	5515 59
300 x 400 cm	290 x 390 cm	191"	78	28 sec.	4174	4144	4080	5515 63

16:9 Format for wide screen use

90 x 160 cm	82 x 146 cm	65"	16	8 sec.	1715	729-1529	1620	5516 11
102 x 180 cm	95 x 168 cm	82"	17	9 sec.	1915	929-1729	1820	5516 12
117 x 200 cm	107 x 190 cm	92"	20	11 sec.	2135	1149-1949	2040	5516 13
139 x 240 cm	129 x 230 cm	106"	25	13 sec.	2535	1549-2349	2440	5516 14
162 x 280 cm	152 x 270 cm	119"	28	15 sec.	2935	1949-2749	2840	5516 53
173 x 300 cm	163 x 290 cm	133"	30	16 sec.	3135	2149-2949	3040	5516 70

Accessories see pages 31-35



Dimensions in mm

PREMIUM electrical RF

wall / ceiling projection screen

Electrically operated projection screen with built-in radio frequency remote control



- Easy Install system
- Remote control
- Compact design
- Quality marks:
CE, TÜV/GS, IEC 60335-1,
IEC 60335-2, DIN19045-5,
EC 61000 for Electro Magnetic Compatibility,
NEN 1010 and EN 60335-2 for radio transmitter
equipment; this is valid for the remote control

- Matt white S screen fabric
- Easy to mount on wall and ceiling using integrated hanging brackets
- With built-in radio frequency receiver and 1-channel transmitter for cordless remote control
- Compact case with motor
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Black border increases perceived clarity of the projected image
- Formats square (1:1), video (4:3) and HDTV (16:9)
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	inch	kg	up / down	housing dimension L1 mm	L2 mm	L3 mm	ref. no.
160 x 160 cm	151 x 151 cm	-	10	27 sec.	1714	1534	1620	5517 52
180 x 180 cm	173 x 173 cm	-	12	31 sec.	1914	1734	1820	5517 53
200 x 200 cm	195 x 195 cm	-	14	34 sec.	2134	1954	2040	5517 55
240 x 240 cm	230 x 230 cm	-	18	40 sec.	2534	2534	2440	5517 56

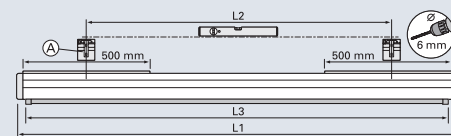
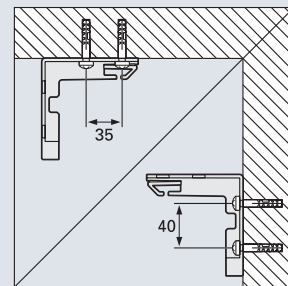
4:3 Format for data / video projection

123 x 160 cm	110 x 146 cm	72"	10	21 sec.	1714	1534	1620	5518 52
138 x 180 cm	126 x 168 cm	84"	12	24 sec.	1914	1734	1820	5518 53
153 x 200 cm	143 x 190 cm	100"	14	22 sec.	2134	1954	2040	5518 54
183 x 240 cm	173 x 230 cm	120"	18	31 sec.	2534	2354	2440	5518 56
213 x 280 cm	203 x 270 cm	140"	22	36 sec.	2934	2754	2840	5518 58
228 x 300 cm	218 x 290 cm	150"	24	39 sec.	3134	2954	3140	5518 59

16:9 Format for wide screen use

90 x 160 cm	82 x 146 cm	65"	10	16 sec.	1714	1534	1620	5519 11
102 x 180 cm	95 x 168 cm	82"	12	18 sec.	1914	1734	1820	5519 12
117 x 200 cm	107 x 190 cm	92"	14	20 sec.	2134	1954	2040	5519 13
139 x 240 cm	129 x 230 cm	106"	18	24 sec.	2534	2354	2440	5519 14
162 x 280 cm	152 x 270 cm	119"	22	28 sec.	2934	2751	2840	5519 53
173 x 300 cm	163 x 290 cm	133"	24	30 sec.	3134	2954	3140	5519 70

Accessories see pages 31-35



Dimensions in mm

PREMIUM electrical

wall / ceiling projection screen



- Easy Install system
- Separate wall switch
- Compact design
- Quality marks:
CE, TÜV/GS, IEC 60335-1,
IEC 60335-2, DIN19045-5,
IEC 61000 for Electro Magnetic Compatibility

Electrically operated projection screen

- Matt white S screen fabric
- Easy to mount on wall and ceiling using integrated hanging brackets
- Compact case with motor
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Black border increases perceived clarity of the projected image
- Formats square (1:1), video (4:3) and HDTV (16:9)
- Supplied complete with 3-metre connection cable and switch
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	inch	kg	up / down	housing dimension L1 mm	L2 mm	L3 mm	ref. no.
160 x 160 cm	151 x 151 cm	-	10	27 sec.	1714	1534	1620	5530 52
180 x 180 cm	173 x 173 cm	-	12	31 sec.	1914	1734	1820	5530 53
200 x 200 cm	195 x 195 cm	-	14	34 sec.	2134	1954	2040	5530 54
240 x 240 cm	230 x 230 cm	-	18	40 sec.	2534	2534	2440	5530 56

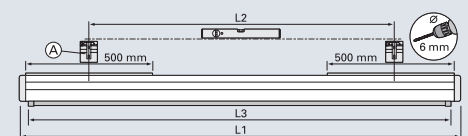
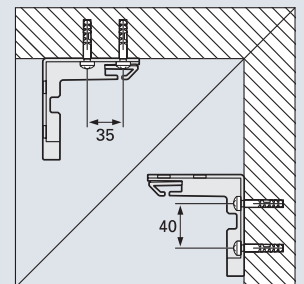
4:3 Format for data / video projection

123 x 160 cm	110 x 146 cm	72"	10	21 sec.	1714	1534	1620	5531 52
138 x 180 cm	126 x 168 cm	84"	12	24 sec.	1914	1734	1820	5531 53
153 x 200 cm	143 x 190 cm	100"	14	26 sec.	2134	1954	2040	5531 54
183 x 240 cm	173 x 230 cm	120"	18	31 sec.	2534	2354	2440	5531 56
213 x 280 cm	203 x 270 cm	140"	22	36 sec.	2934	2754	2840	5531 58
228 x 300 cm	218 x 290 cm	150"	24	39 sec.	3134	2954	3140	5531 59

16:9 Format for wide screen use

90 x 160 cm	82 x 146 cm	65"	10	16 sec.	1714	1534	1620	5532 11
102 x 180 cm	95 x 168 cm	82"	12	18 sec.	1914	1734	1820	5532 12
117 x 200 cm	107 x 190 cm	92"	14	20 sec.	2134	1954	2040	5532 13
139 x 240 cm	129 x 230 cm	106"	18	24 sec.	2534	2354	2440	5532 14
162 x 280 cm	152 x 270 cm	119"	22	28 sec.	2934	2754	2840	5532 53
173 x 300 cm	163 x 290 cm	133"	24	30 sec.	3134	2954	3140	5532 70

Accessories see pages 31-35



Dimensions in mm

BASIC electrical

wall / ceiling projection screen

Good quality entry level electrical projection screen



- "Plug and play" with RF remote control
- Particularly suitable for regular to light use
- Quality marks:
CE, DIN19045-5, DIN-4102-2,
EN13501-1, IEC 60335-1,
IEC 60335-2

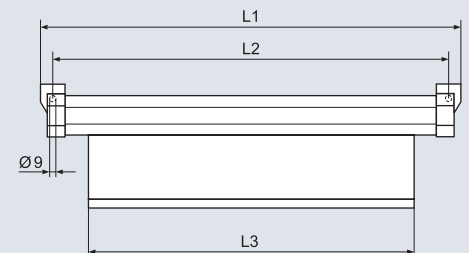
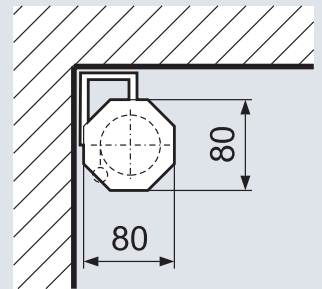
- Electrical projection screen
- Wall or ceiling attachment
- Woven screen fabric
- White steel screen housing with white steel end caps
- Black border increases perceived clarity of the projected image
- Viewing angle approx. 50°
- 5 cm black border for optimal view
- Includes remote control
- Easy wall mounting through end-caps
- Comes complete with fittings for wall / ceiling attachment and remote control
- Case colour is white; RAL 9016

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	up / down	housing dimension			ref. no.
					L1 mm	L2 mm	L3 mm	
120 x 160 cm	110 x 150 cm	73"	9.8	46 sec.	197.5	193.8	170.0	5533 52
150 x 200 cm	140 x 190 cm	93"	10.8	53 sec.	231.0	229.0	207.0	5533 54
180 x 240 cm	170 x 230 cm	113"	12.0	68 sec.	271.0	269.0	247.0	5533 60



Remote controls for BASIC electrical wall / ceiling projection screen



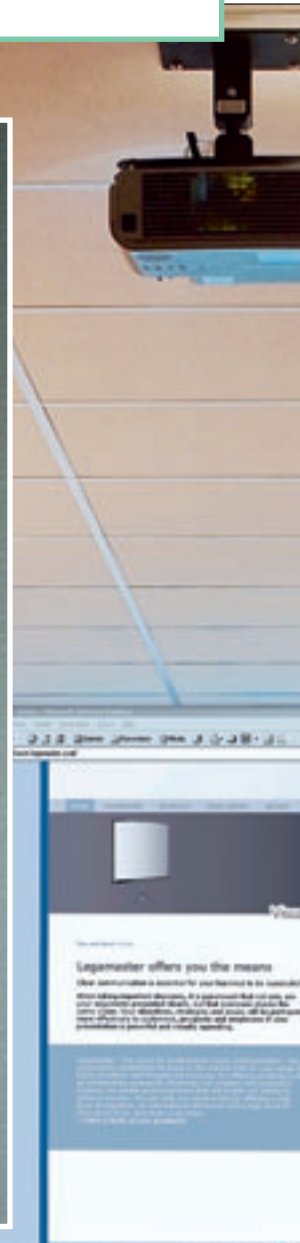
Accessories see pages 31-35

Dimensions in mm

Winder projection screens

for wall / ceiling projection

Easy to operate




Winder projection screens for wall / ceiling

The winder projection screens are very easy to operate. These projection screens are operated using a crank handle.

The screens are ideal for use in rooms where an electrical connection is either not available or undesirable and are still simple to operate when mounted to a (high) ceiling or wall



 We supply winder projection screens in the PROFESSIONAL and PREMIUM ranges to suit your budget and requirements. For an explanation of these qualities please see page 6.

PROFESSIONAL winder

wall / ceiling projection screen

Top quality, crank-operated projection screen



- Easy Install system
- User friendly crank mechanism
- Sturdy construction
- Quality marks: CE, TÜV/GS

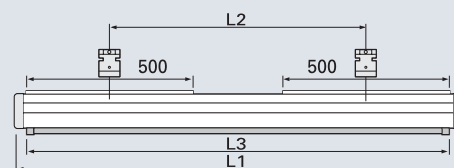
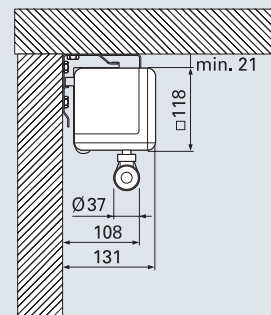
- Matt white M screen fabric
- Easy to mount on wall and ceiling using the Easy Install system
- Solid case with crank mechanism
- Crank mechanism can be easily operated when mounted on the ceiling
- Triangular support rolls away completely into case. Ideal for built in or recessed ceilings
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Quality screen fabric results in flat-hanging screen
- Black border increases perceived clarity of the projected image
- Formats square (1:1) and video (4:3)
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension L1 mm L2 mm L3 mm	ref. no.
160 x 160 cm	151 x 151 cm	17	1715 729-1529 1620	5430 52
180 x 180 cm	173 x 173 cm	18	1915 929-1729 1820	5430 53
200 x 200 cm	195 x 195 cm	22	2135 1149-1949 2040	5430 54
220 x 220 cm	215 x 215 cm	24	2335 1349-2149 2240	5430 55
240 x 240 cm	230 x 230 cm	28	2535 1549-2349 2440	5430 56
280 x 280 cm	270 x 270 cm	32	2935 1949-2749 2840	5430 58
300 x 300 cm	290 x 290 cm	33	3135 2149-2949 3040	5430 59

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension L1 mm L2 mm L3 mm	ref. no.
138 x 180 cm	126 x 168 cm	84"	18	1915 929-1729 1820	5431 53
153 x 200 cm	143 x 190 cm	100"	20	2135 1149-1949 2040	5431 54
183 x 240 cm	173 x 230 cm	120"	25	2535 1549-2349 2440	5431 56
213 x 280 cm	203 x 270 cm	140"	29	2935 1949-2749 2840	5431 58
228 x 300 cm	218 x 290 cm	150"	31	3135 2149-2949 3040	5431 59



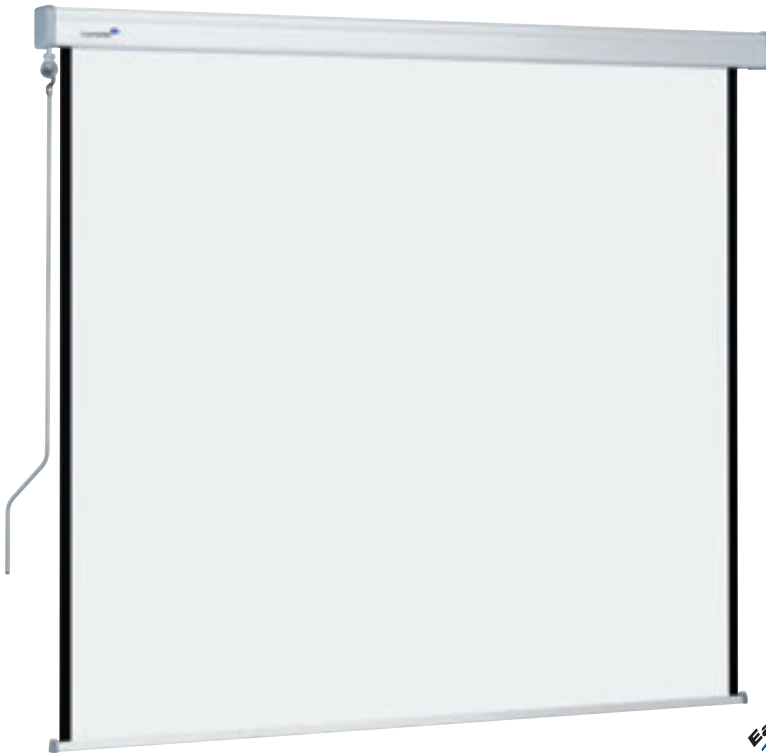
Accessories see pages 31-35

Dimensions in mm

PREMIUM winder

wall / ceiling projection screen

Good quality, crank-operated projection screen



- Easy Install system
- User friendly crank mechanism
- Sturdy, but at the same time compact construction
- Quality marks:
CE, TÜV/GS

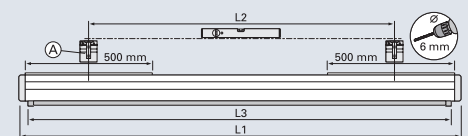
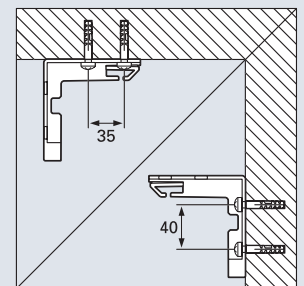
- Matt white S screen fabric
- Easy to mount on wall and ceiling using the Easy Install system
- Crank mechanism can be easily operated when mounted on the ceiling
- Automatic stop for rolling in and out guarantees long lifespan of projection screen fabric
- Black border increases perceived clarity of the projected image
- Formats square (1:1) and video (4:3)
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension			ref. no.
			L1 mm	L2 mm	L3 mm	
160 x 160 cm	151 x 151 cm	10	1734	1534	1620	5433 52
180 x 180 cm	173 x 173 cm	12	1934	1734	1820	5433 53
200 x 200 cm	195 x 195 cm	14	2134	1954	2040	5433 54
240 x 240 cm	230 x 230 cm	17	2534	2354	2440	5433 56

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension			ref. no.
				L1 mm	L2 mm	L3 mm	
123 x 160 cm	110 x 146 cm	72"	10	1734	1534	1620	5432 52
138 x 180 cm	126 x 168 cm	84"	12	1914	1734	1820	5432 53
153 x 200 cm	143 x 190 cm	100"	14	2134	1954	2040	5432 54
183 x 240 cm	173 x 230 cm	120"	12	2534	2354	2440	5432 56
213 x 280 cm	203 x 270 cm	139"	14	2934	2754	2840	5432 56
228 x 300 cm	218 x 290 cm	151"	17	3134	2954	3040	5432 59



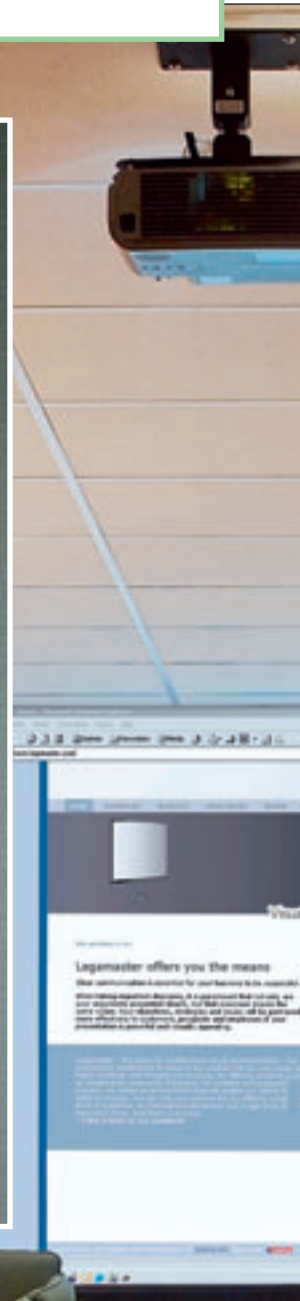
Accessories see pages 31-35

Dimensions in mm

Manual projection screens

for wall / ceiling projection

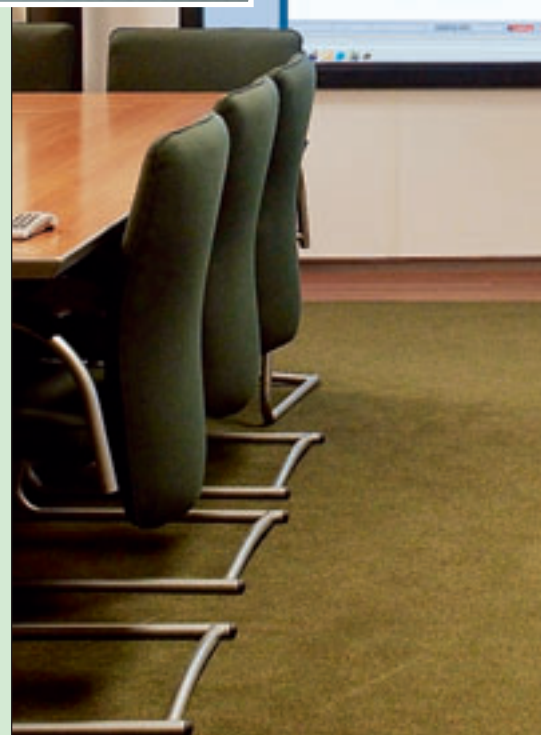
Fast and smooth to use



Manual projection screens for wall / ceiling

The manual operated projection screens are very easy to use. The screens are operated using a spring mechanism. The manual screens are ideal for applications in rooms where an electrical connection is not possible or undesirable.

Manual projection screens with a spring mechanism may be rolled and re-rolled quickly and easily.



We supply manual operated projection screens in PROFESSIONAL, PREMIUM and BASIC ranges to suit all budgets and requirements. For an explanation of these qualities please see page 6.

PROFESSIONAL manual

wall / ceiling projection screen

Hand-operated projection screen with spring mechanism



- Easy Install system
- User friendly pull-out system
- Supplied complete with a pull cord
- Sturdy construction
- Quality marks: CE, TÜV/GS

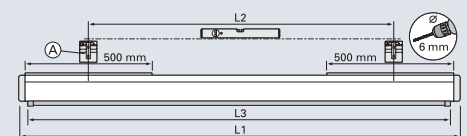
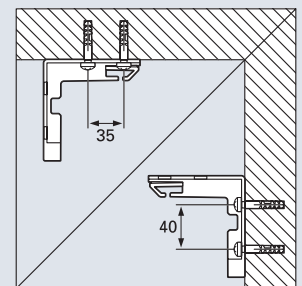
- Matt white S screen fabric
- Easy to mount on wall and ceiling using Easy Install
- Supplied with extra high, black border on upper side for realisation of ideal viewing height
- Black border increases perceived clarity of the projected image
- Screen fabric is held taut due to the large metal roller and strong spring mechanism
- Smooth tensioning arm for fast and trouble-free rolling and retracting of projection screen fabric
- Supplied complete with a pull cord
- Formats video (4:3) and HDTV (16:9)
- Case colour is white; RAL 9016

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension L1 mm	L2 mm	L3 mm	ref. no.
123 x 160 cm	110 x 146 cm	72"	9	1734	1534	1620	5436 52
138 x 180 cm	126 x 168 cm	84"	11	1914	1734	1820	5436 53
153 x 200 cm	143 x 190 cm	100"	13	2134	1954	2040	5436 54
183 x 240 cm	173 x 230 cm	120"	16	2534	2354	2440	5436 56

16:9 Format for wide screen use

case dimension height x width	viewing size height x width	inch	kg	housing dimension L1 mm	L2 mm	L3 mm	ref. no.
90 x 160 cm	82 x 146 cm	65"	9	1734	1534	1620	5402 11
102 x 180 cm	95 x 168 cm	82"	11	1914	1734	1820	5402 12
117 x 200 cm	107 x 190 cm	92"	13	2134	1954	2040	5402 13
139 x 240 cm	129 x 230 cm	106"	16	2534	2354	2440	5402 14



Accessories see pages 31-35

Dimensions in mm

PREMIUM manual

wall / ceiling projection screen

User friendly projection screen with pull-out system



- Sturdy construction
- Quality marks: CE, TÜV/GS

- Matt white S screen fabric
- Projection screen with spring mechanism in compact case (max. 200 cm wide)
- Black border increases perceived clarity of the projected image
- Spring mechanism guarantees smooth rolling and retracting of screen fabric
- Easy mounting on wall and / or ceiling using integrated hanging brackets
- Formats square (1:1), video (4:3) and HDTV (16:9)
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension			ref. no.
			L1 mm	L2 mm	L3 mm	
125 x 125 cm	120 x 120 cm	5	1380	1358	1282	5401 50
145 x 145 cm	140 x 140 cm	6	1588	1566	1490	5401 51
160 x 160 cm	151 x 151 cm	7	1718	1696	1620	5401 52
180 x 180 cm	173 x 173 cm	8	1918	1896	1820	5401 53
200 x 200 cm	195 x 195 cm	9	2138	2116	2040	5401 54-1

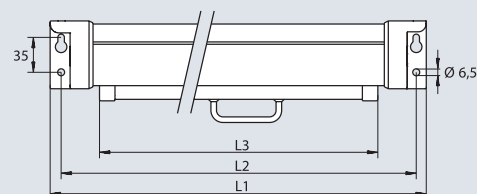
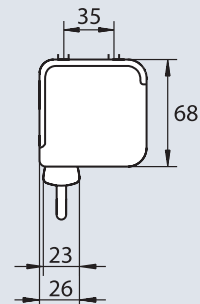
4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension			ref. no.
				L1 mm	L2 mm	L3 mm	
123 x 160 cm	110 x 146 cm	72"	6	1718	1696	1620	5400 52
138 x 180 cm	126 x 168 cm	84"	7	1918	1896	1820	5400 53
153 x 200 cm	143 x 190 cm	100"	8	2138	2116	2040	5400 54

16:9 Format for wide screen use

case dimension height x width	viewing size height x width	inch	kg	housing dimension			ref. no.
				L1 mm	L2 mm	L3 mm	
90 x 160 cm	82 x 146 cm	65"	6	1718	1696	1620	5400 25
102 x 180 cm	95 x 168 cm	82"	7	1918	1896	1820	5400 27
117 x 200 cm	107 x 190 cm	92"	8	2138	2116	2040	5400 29

Accessories see pages 31-35



Dimensions in mm

BASIC manual

wall / ceiling projection screen

Back to basics



- Particularly good for light to regular use
- Quality marks:
DIN 19045-5, DIN-4102-2, EN13501-1

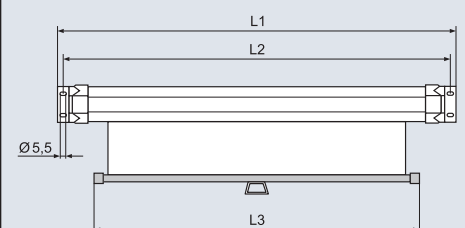
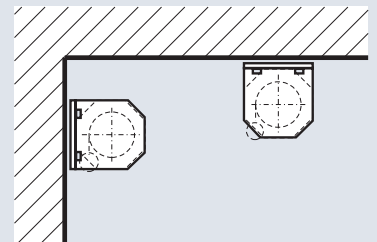
- Wall or ceiling attachment
- Woven screen fabric
- Spring mechanism guarantees smooth roll and re-roll of projection screen fabric
- White steel screen housing with white plastic end caps
- Viewing angle approx. 50°
- The white metal attachment plates consists of two pieces. The screen is clamped between the attachment plates
- The screen is equipped with an easy to use handgrip for adjusting the height and format of the screen
- Comes complete with fittings for wall / ceiling attachment
- Formats square (1:1) and video (4:3)
- Case colour is white; RAL 9016

1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension			ref. no.
			L1 mm	L2 mm	L3 mm	
150 x 150 cm	150 x 150 cm	7	1635	1610	1540	5404 50
180 x 180 cm	180 x 180 cm	9	1885	1860	1790	5404 53
200 x 200 cm	200 x 200 cm	10	2150	2125	2040	5404 54

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension			ref. no.
				L1 mm	L2 mm	L3 mm	
120 x 160 cm	120 x 160 cm	80"	7	1735	1710	1640	5404 52
150 x 200 cm	150 x 200 cm	100"	9	2150	2125	2040	5404 41



Dimensions in mm

Accessories see pages 31-35

Portable projection screens

Easy to carry around



Portable projection screens

Projectors are becoming more manageable and lighter. Combining these features with a portable projection screen makes it possible to project anywhere.

Portable screens are perfect for use within the rental industry, during events, in the audiovisual sector, at conference centres, in educational environments and at home.

These portable screens with modern designs, are perfect solution for flexible use.

i We supply portable projection screens in PROFESSIONAL, PREMIUM, UNIVERSAL and BASIC ranges to suit all budgets and requirements. For an explanation of these qualities please see page 6.

PROFESSIONAL portable

projection screen

Lightweight, portable projection screen ready for your professional presentations



- Suitable for intensive portable use
- Sturdy construction
- Quality marks: CE, TÜV/GS

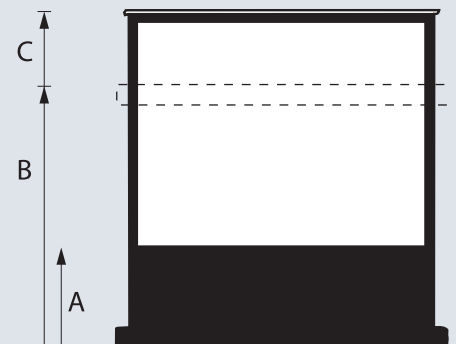
- Datalux F screen fabric
- Pull out the projection screen fabric and the screen is ready for use
- Very stable with two fold-away feet
- Tensioning arm with pneumatic springs facilitates flexible height adjustment and flat projection surface
- Flexible viewing-height adjustment via extended black border on the bottom
- Black border increases perceived clarity of the projected image
- Formats video (4:3) and HDTV (16:9)

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
98 x 128 cm	90 x 120 cm	152 cm	60"	8	93	107	180	5350 49
128 x 168 cm	120 x 160 cm	203 cm	80"	9	83	137	210	5350 52
160 x 211 cm	152 x 203 cm	254 cm	100"	11	92	168	250	5355 55

16:9 Format for wide screen use

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
98 x 168 cm	90 x 160 cm	165 cm	65"	6	106	109	204	5351 49
122 x 211 cm	114 x 203 cm	234 cm	92"	9	102	133	224	5351 55



Accessories see pages 31-35

PREMIUM portable

projection screen



- Suitable for intensive portable use
- Sturdy construction
- Quality marks: CE, TÜV/GS

The perfect solution for flexible use

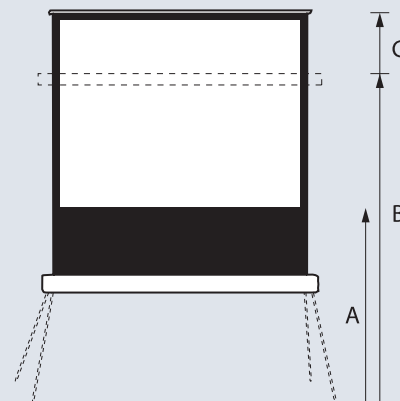
- Matt white S screen fabric
- Light-weight, aluminium case with handle
- Simply set up the legs, pull out the projection screen fabric and it is ready to use
- Four legs, built into the case, can be easily folded in and out (with the exception of 50" table model)
- Patented tensioning arm with pneumatic springs facilitates flexible height adjustment and flat projection surface
- Flexible viewing-height adjustment via extra black border on the bottom
- Black border increases perceived clarity of the projected image
- Formats video (4:3) and HDTV (16:9)

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
94 x 107 cm	76 x 102 cm	127 cm	50"	7	25	89	105	5350 48
118 x 131 cm	94 x 126 cm	152 cm	60"	8	88	165	186	5350 54
138 x 151 cm	110 x 146 cm	183 cm	72"	9	101	190	215	5350 55

16:9 Format for wide screen use

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
138 x 151 cm	86 x 146 cm	165 cm	65"	6	129	162	215	5352 55

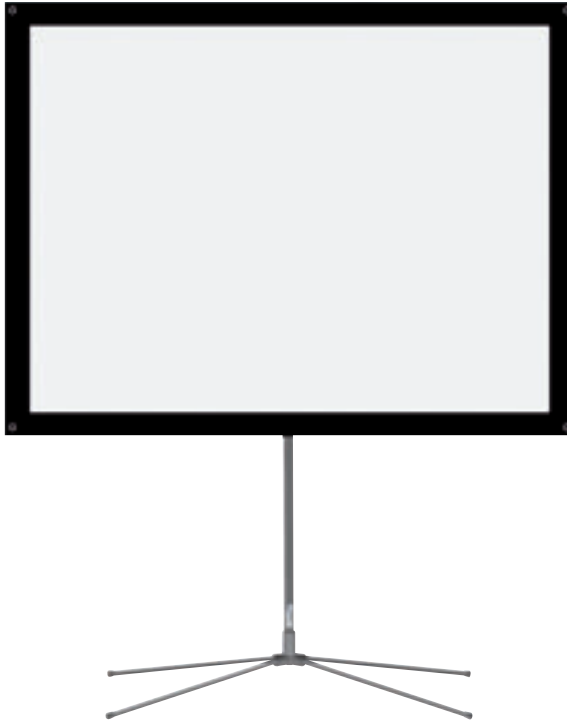


Accessories see pages 31-35

UNIVERSAL portable

projection screen

Ultra light-weight mobile screen



- Light-weight (less than 4.5 kg)
- Quick and easy set-up

- Matt white foil screen fabric
- Stable stand with four feet
- Height adjustable
- Handle to adjust height
- Projection surface tensioning device
- Black border (2 cm) increases perceived clarity of the projected image
- Suitable for portable use, delivered including a transport bag
- Format video (4:3)

■ ref. 5353 53
Transport bag dimensions (W x H x D):
155 x 15 x 15 cm
L x H: 180 x 137.5 cm

■ ref. 5353 83
Transport bag dimensions (W x H x D):
175 x 15 x 15 cm
L x H: 200 x 152.5 cm

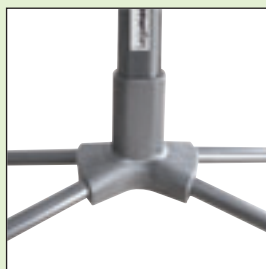
■ ref. 5353 56
Transport bag dimensions (W x H x D):
208 x 15 x 15 cm
L x H: 240 x 182.5 cm

4:3 Format for data / video projection

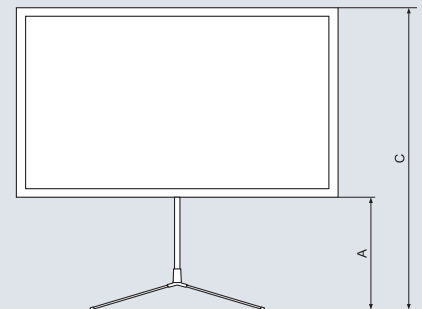
case dimension height x width	viewing size height x width	inch	kg	housing dimension		ref. no.
				A cm	C cm	
135 x 180 cm	127.5 x 170 cm	84"	3.2	51.5	189	5353 53
150 x 200 cm	142.5 x 190 cm	94"	3.7	43.5	196	5353 83
183 x 240 cm	172.5 x 230 cm	113"	4.2	28.5	211	5353 56



Backside of the screen



Stand with four feet



Accessories see pages 31-35

BASIC portable

projection screen

Starter portable projection screen



- Quick and easy set-up
- Sturdy construction
- Quality marks:
CE, DIN 19045

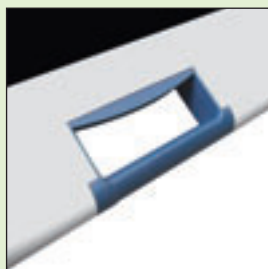
- Matt white foil basis screen fabric
- Modern design, perfect for portable use
- Space-saving storage; mounting for telescopic tripod underneath the screen casing
- With integrated carry handle for convenient transport
- Flexible viewing-height adjustment
- Black border (2 cm) increases perceived clarity of the projected image
- Optimal flat screen surface
- Formats Square (1:1) and video (4:3)

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	inch	kg	housing dimension		ref. no.
				A cm	C cm	
170 x 124 cm	90 x 120 cm	59"	8.5	86.5	178.5	5354 49
172 x 164 cm	120 x 160 cm	79"	11.0	58.5	180.5	5354 30



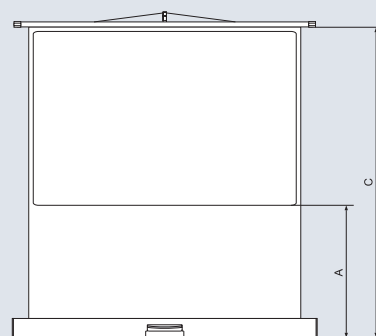
OHP bracket



Integrated handgrip
on the front side



Firm foot on the backside



Accessories see pages 31-35

Tripod projection screens


Ideal for every location



Tripod projection screens

Tripod projection screens are renowned for their stability and durability for long-term, intensive use making them the best portable screens. Tripod screens are simple to set up and use at any location.

Portable tripod screens are perfect for use within the office, conference centres, in educational settings and on location.

 We supply tripod projection screens in PROFESSIONAL, PREMIUM and BASIC ranges to suit your budget and requirements. For an explanation of these qualities please see page 6.



PROFESSIONAL tripod

projection screen

Top quality tripod projection screen, known for its stability and durability during intensive, portable use



- Suitable for intensive portable use
- User friendly features such as transport lock and self locking handle
- Sturdy construction
- Quality marks: CE | TÜV/GS

- Matt white S screen fabric
- Very stable, square tubular frame with integrated keystone eliminator
- Special transport lock protects the screen fabric from damage
- Black border increases perceived clarity of the projected image
- Tripod can easily be folded ready for storage
- Simple, foot-operated toe-release mechanism
- Self locking handle for optimum height adjustment and portability
- Format (1:1 or 4:3) directly adjustable via hole design

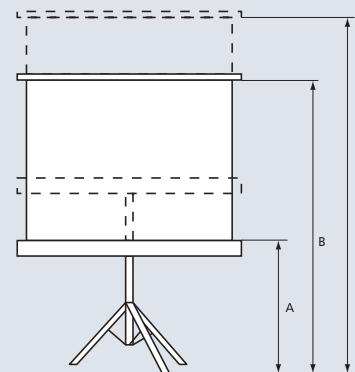
1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension			ref. no.
			A cm	B cm	C cm	
152 x 152 cm	146 x 146 cm	14	51	217	282	5306 50
178 x 178 cm	172 x 172 cm	16	51	243	325	5306 53
213 x 213 cm	207 x 207 cm	18	51	278	325	5306 55
244 x 244 cm	238 x 238 cm	20	51	307	325	5306 57

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
115 x 152 cm	109 x 146 cm	183 cm	72"	13	51	174	254	5307 25
135 x 178 cm	127 x 172 cm	213 cm	84"	15	51	185	300	5307 53
162 x 213 cm	152 x 203 cm	254 cm	100"	17	51	217	325	5307 55
185 x 244 cm	175 x 234 cm	305 cm	120"	19	51	239	325	5307 56

Accessories see pages 31-35



PREMIUM tripod

projection screen

Top quality, stable and durable projection screen on a tripod base for intensive, portable use



- Suitable for portable use
- User friendly features such as transport lock, rotating tripod and self locking handle
- Sturdy construction
- Quality marks: CE, TÜV/GS

- Matt white S screen fabric
- Very stable, square tubular frame with integrated keystone eliminator
- Symmetrical rotating tripod gives extra stability
- Special transport lock protects the screen fabric from damage
- Black border increases perceived clarity of the projected image
- Rotating tripod can be folded quickly and safely ready for storage
- Simple, foot-operated toe-release mechanism
- Self locking handle for optimum height adjustment and portability
- Format (1:1 or 4:3) directly adjustable via hole design

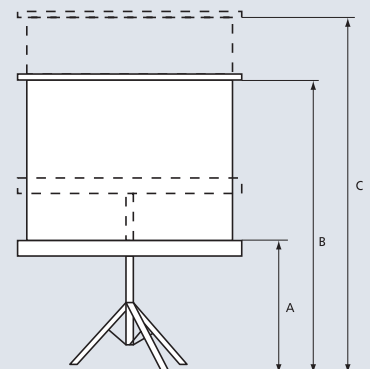
1:1 Standard format

case dimension height x width	viewing size height x width	kg	housing dimension			ref. no.
			A cm	B cm	C cm	
160 x 160 cm	151 x 151 cm	11	55-112	206	263	5308 52
180 x 180 cm	173 x 173 cm	12	55-112	228	285	5308 53
200 x 200 cm	195 x 195 cm	14	55-112	250	307	5308 54
240 x 240 cm	235 x 235 cm	17	55-112	290	347	5308 56

4:3 Format for data / video projection

case dimension height x width	viewing size height x width	diagonal	inch	kg	housing dimension			ref. no.
					A cm	B cm	C cm	
123 x 160 cm	110 x 146 cm	183 cm	72"	11	55-112	175	232	5305 52
138 x 180 cm	126 x 168 cm	213 cm	84"	12	55-112	191	248	5305 53
153 x 200 cm	143 x 190 cm	254 cm	100"	14	55-112	207	265	5305 54
182 x 240 cm	173 x 230 cm	305 cm	120"	17	55-112	237	295	5305 56

Accessories see pages 31-35



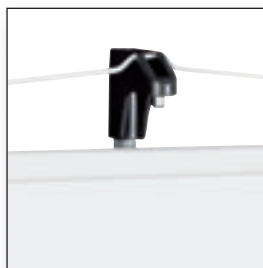
BASIC tripod

projection screen

Entry level projection screen



- Particularly suitable for light to regular use
- User-friendly features e.g. transport lock and toe release mechanism
- Easy installation
- Quality marks:
DIN 19045-5, DIN-4102-2, EN13501-1

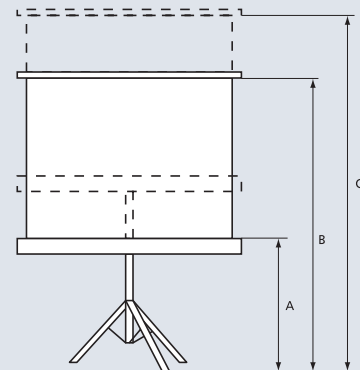


- Suitable for portable use
- Woven screen fabric
- White steel screen housing with white plastic end caps
- Aluminium stand
- Viewing angle approx. 50°
- Tripod fold-in frame
- Height adjustable
- Transport lock
- Toe release mechanism

1:1 Standard format

case dimension height x width	viewing size height x width	Maximun height	kg	housing dimension			ref. no.
				A cm	B cm	C cm	
150 x 150 cm	150 x 150 cm	260 cm	7.5	50	135	220	5304 50
180 x 180 cm	180 x 180 cm	260 cm	8.5	50	135	135	5304 53
200 x 200 cm	200 x 200 cm	300 cm	10.0	51	155	155	5304 54

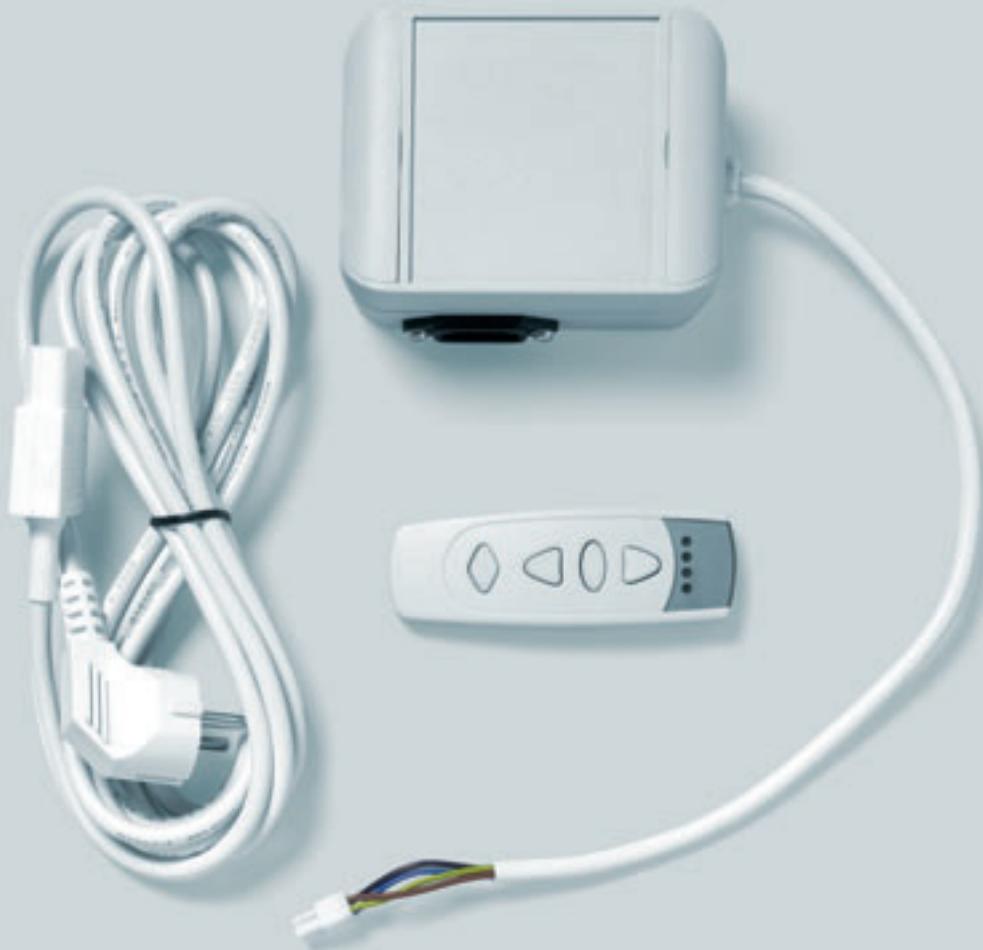
Accessories see pages 31-35



For easier operation of your screen

Accessories

for projection screens



Accessories for projection screens

The next pages show the accessories for all the electrical and manual projection screens. These accessories make using your projection screen easier or provide alternative installation methods. For example: It is possible to mount screens on high and lowered ceilings and directly onto walls.

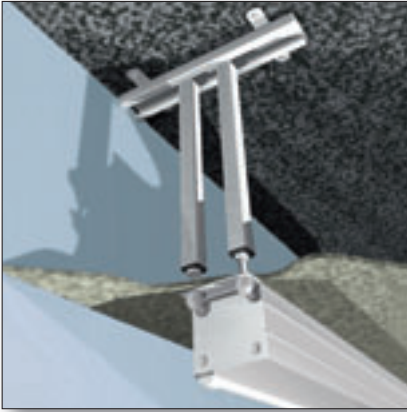


Legamaster delivers your accessories on request.



Accessories

Mounting materials



Ceiling brackets

For installation of a projection screen in a high room or under a recessed ceiling, special ceiling brackets are available. The ceiling brackets measure 100 cm (length) but can be shortened as needed.

Ceiling brackets PROFESSIONAL and PREMIUM
ref. 5545 00

Ceiling brackets PROFESSIONAL and PREMIUM
ref. 5552 00



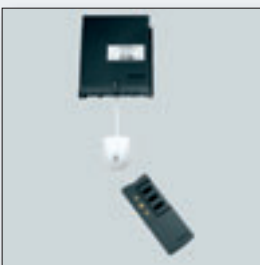
Wall brackets

In certain cases, it may be necessary to move the projection screen away from the wall. This may be the case if a painting is hanging where the projection screen needs to be or for overhead projection if the projection screen must be placed on a corner to prevent distortion of the image.

Wall brackets PROFESSIONAL and PREMIUM 30 cm
ref. 5454 00

Wall brackets PROFESSIONAL and PREMIUM 75 cm
ref. 5551 00

Control materials



Infrared remote control

The infrared-driven remote control comprises a wall box with an infrared receiver and transmitter. The wall box must be connected to the projection screen. The infrared receiver must be mounted in a visible location. Using the transmitter, the projection screen may be operated from a distance up to 7 metres.

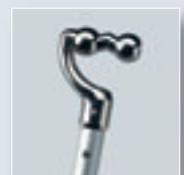
ref. 5540 00



Radio frequency remote control

The radio frequency remote control is a three-part set comprising of a control module, and a transmitter as well as a cordless wall switch. The control module must be connected to the projection screen. The cordless wall switch may be mounted onto a wall without the need for any cabling. The projection screen may be operated using both the wall switch as well as the transmitter from a distance up to 30 metres.

ref. 5555 00



Key switch

A key switch is the ideal solution for preventing the unauthorised use of your electrical projection screen.

ref. 5547 00

Pull rod

If the projection screen with the spring mechanism is mounted at heights greater than 2.5 m, a pull rod can be a handy aid in the rolling of the projection screen. The length of the pull rod is 125 cm.

ref. 5450 00

Accessories

Easy Install accessories



Easy Install plug & play cable

A white, 5 or 10 metre long plug & play cable with a cord switch. Supplied as standard with a European plug.

Easy Install cable plug & play 5 m **ref. 5559 00**

Easy Install cable plug & play 10 m **ref. 5560 00**



Easy Install plug & play cable for screens with RF motor

A white, 5 or 10 metre long plug & play cable with a European plug. Only for screens with an RF motor.

Easy Install kabel plug & play 5 m **ref. 5550 00**

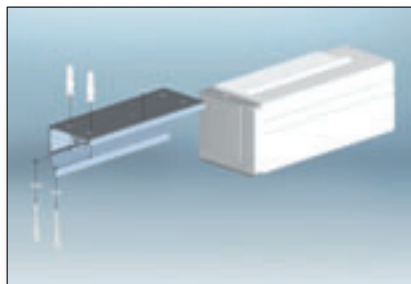
Easy Install kabel plug & play 10 m **ref. 5556 00**



Easy Install plug & play RF remote control

A plug & play radio frequency remote control (230 Volt / 50 Hz), standard with a 4-channel RF protocol Easywave transmitter. With a 3 meter white equipment cord and a European plug.

ref. 5557 00



Easy Install soffit bracket

A bracket for easy mounting of the projection screen in a soffit.

ref. 5549 00

Laser pointers

Clear and goal-lead



LX 1

- Black metal casing
- Green on / off button
- Handy size



LX 2

- Silver metal casing
- Red on / off button
- Sturdy



LX 4

- Matt-silver metal casing
- Red on / off button
- Red laser dot: can be turned into an arrow by twisting the laser head



LX 5

- Silver metal casing
- Grey on / off button
- Integral ballpoint pen with replaceable cartridge

- Laser class 2
- Power: <1 mW
- Red laser dot, diameter approx. 4 mm
- Certified to standard EN 60 825-1
- CE tested
- Come complete with case and batteries
- Range: 100 m

laser pointer	length	laser class	weight incl. batteries	battery	ref. no.
LX 1	10 cm	2	60 g	(N) battery SUM5R1	5753 00
LX 2	14 cm	2	56 g	(AAA) battery SUM4R03	5755 00
LX 4	14 cm	2	54 g	(AAA) battery SUM4R03	5757 00
LX 5	12 cm	2	51 g	(AAA) battery SUM4R03	5759 00



Caution: Laser radiation – Do not stare into beam!

Special projection solutions

Increase the projection possibilities!



Special projection solutions

Besides the extensive projection assortment, Legamaster offers two other projection solutions: Projection on to a scratch resistant, enamel surface or projection on to a screen for the DYNAMIC or PROFESSIONAL rail system



Special projection needs? Legamaster has all the solutions.



PROFESSIONAL

projectiebord

A classic board for professional projection



- Projection surface is guaranteed for 25 years when used in conjunction with the interactive stylus
- Baked enamel finish (fired at 800°C), which results in a durable surface
- Easy wall mounting with concealed slot system

- Weight: 9 kg / m²
- Materials:
 - Natural anodised aluminium profile
 - Plastic corners light grey RAL 7035
 - Enamel steel top projection surface



- High quality, scratch resistant enamel projection surface

Please note that the PROFESSIONAL Projection board can be used as a whiteboard but is wet-wipeable and not dry wipeable. If you would like to use your board intensively as a whiteboard, please look in the Legamaster catalogue for the standard PROFESSIONAL whiteboard

- Perfect for projection with a/v Projector
- Good image and contrast quality:
No "Hotspot" visible when projecting with average a/v projector
- Aluminium frame with light grey plastic corner caps
- Suitable for using in combination with eBeam interactive and the electronic pen (stylus)
- Comes complete with mounting materials
- A projector is not included in the delivery

board dimension height x width	inch	ref. no.
90 x 127 cm	58"	1607 48
120 x 167 cm	77"	1607 52
150 x 207 cm	97"	1607 54

Legaline Projection screen

for PROFESSIONAL rail system

Needle-sharp focus



- Approx. total width: 171 cm
- Screen tilt: 15°

Roller projection screen for Legaline PROFESSIONAL

- Projection screen 153 x 153 cm
- Can be pulled down and fixed at any level
- Tilt feature prevents distortion
- Maximum viewing angle 50°
- Ample room on the rails between the suspension brackets to fit a 120 cm wide board
- Projection screen can be attached and used over the top of a whiteboard
- Space saving roller screen feature
- Comes complete with suspension brackets for lower rail channel, together with magnet and self adhesive magnetic strips for securing lower edge to wall

Projection screen for Legaline PROFESSIONAL

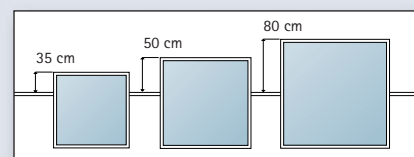
- Specially for use on the rail system
- Special mechanism allows the screen to be fixed at any angle between 0 and 30°
- Maximum viewing angle 50°
- White (RAL 9016) powder coated aluminium frame
- Comes complete with suspension brackets for upper rail channel and wall spacers

Oprolbaar projectiescherm voor Legaline PROFESSIONAL

dimension height x width	space required above rail	weight	ref. no.
155 x 155 cm	approx. 20 cm	approx. 7.3 kg	3060 51

Projectiescherm voor Legaline PROFESSIONAL

dimension height x width	space required above rail	weight	ref. no.
125 x 125 cm	approx. 35 cm	approx. 12 kg	3064 50
150 x 150 cm	approx. 50 cm	approx. 14 kg	3064 51
180 x 180 cm	approx. 80 cm	approx. 16 kg	3064 53



Legaline Projection screen

for DYNAMIC rail system

Perfect reproduction



Projection screen for DYNAMIC

- Especially for use on the rail system
- Spring mechanism allowing screen to be fixed at any angle between 0 and 30°
- Maximum viewing angle 50°
- White (RAL 9016) powder coated or anodised aluminium frame
- Comes complete with suspension brackets for upper rail channel and wall spacers
- Fixed, framed projection screen
- Pre-assembled
- Excellent projection results with OHPs
- Height adjustable

Projection in 4:3 format

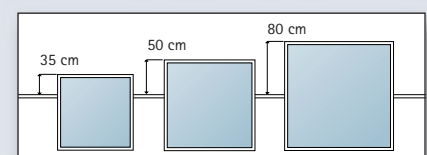
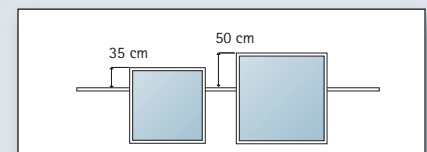
- Specially designed for data / video projection on the rail system
- Spring mechanism allows the screen to be fixed at any angle between 0 and 30°
- Maximum viewing angle 50°
- White (RAL 9016) powder coated or anodised aluminium frame
- Comes complete with suspension brackets for upper rail channel and wall spacers
- Fixed, framed projection screen
- Pre-assembled
- Height adjustable

Projectiescherm voor Legaline DYNAMIC

dimension height x width	space required above rail	colour	ref. no.
125 x 125 cm	approx. 35 cm	White (RAL 9016) powder coated	3264 50
125 x 125 cm	approx. 35 cm	Anodised aluminium	3267 50
150 x 150 cm	approx. 50 cm	White (RAL 9016) powder coated	3264 51
150 x 150 cm	approx. 50 cm	Anodised aluminium	3267 51

Projectiescherm voor Legaline DYNAMIC – Projectie in 4:3-formaat

dimension height x width	space required above rail	colour	ref. no.
113 x 150 cm	ong. 35 cm	White (RAL 9016) powder coated	3265 51
113 x 150 cm	ong. 35 cm	Anodised aluminium	3266 51
135 x 180 cm	ong. 80 cm	White (RAL 9016) powder coated	3265 53
135 x 180 cm	ong. 35 cm	Anodised aluminium	3266 53
150 x 200 cm	ong. 50 cm	White (RAL 9016) powder coated	3265 54
150 x 200 cm	ong. 80 cm	Anodised aluminium	3266 54



Application possibilities

Many possibilities



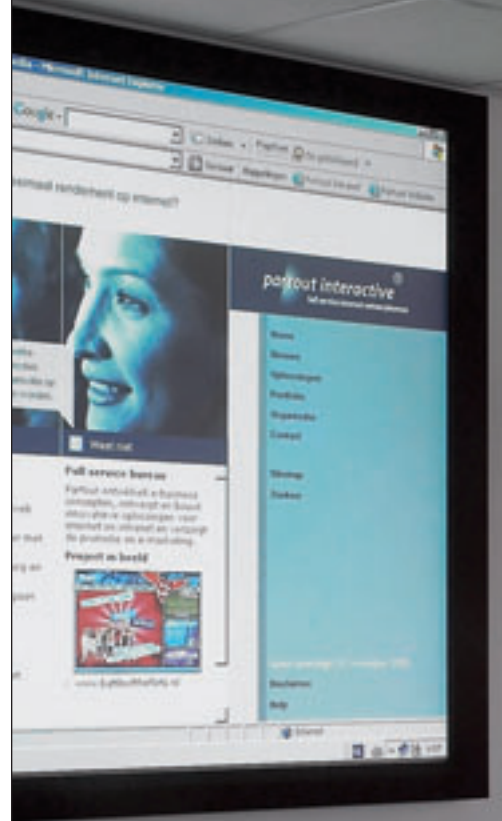
Watching movies



Meetings



Presentations



Watching sports



Education

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Legamaster 
We make communication visible


edding group