Liberty GRANDVIEW

PROJECTION SCREEN

www.av-visionindia.co.in

15th anniversary

Sanjay Jain DeenDayal, popularly known as **'JAIN'** in the Audio Visual Industry, for Liberty brand Audio - Visual Products & Accessories & is the main architect & Owner of the **'LIBERTY'** group of Companies - **AV-Vision Equipments (India) Pvt. Ltd.**

Sanjay Jain DeenDayal is the Great Great Grandson of **Raja DeenDayal** (First Photographer in India since 1885, as well as to the Nizam Dynasty). He has devoted more than 34 years to the study of imaging and photography. He has taken extensive training to manufacture Audio Visual Equipments during 1980 in GERMANY, Pioneering the manufacturing of Audio - Visual & Photographic equipments in India.

Sanjay Jain DeenDayal has proved to be the undisputed master in Audio Visual Industry, and has spent most of his productive years specializing and developing the finest and best quality products in the market with his innovative ideas, spirit and kindness. Bringing high quality products & accessories of International quality, at comparable prices is his most desirable objective.

In 2010 **Sanjay Jain DeenDayal** marched forward & achieved new heights by joining hands with **GRANDVIEW CRYSTAL SCREEN CANADA LTD.,** who are manufacturing World's No. 1 quality Projection Screens range.

Together for the Indian market they have launched Liberty GRANDVIEW® Co-branding Superb range of high quality Projection Screens Solutions.

The vision of Sanjay Jain DeenDayal is moving ahead to achieve new heights, with a dedicated and sincere approach taking **AV-Vision Equipments (India) Pvt. Ltd.,** to a new distinguished level.

Salute to our Channel Partners of Distributors - Dealers, and Customers, PAN INDIA for extending their support.

AV-VISION
EQUIPMENTS (INDIA) (P) LTD.

ABOUT BRAND

Internationally Renowned, World Leading Quality

We are committed to create an irreplaceable brand in the word. The core value of Grandview is reflected in the superior product quality with full security sense and in considerate service consciousness, which has rooted its foundation in both quality and service. Grandview's greater pleasure is to make the terminal display device of projector in a special individuality and fashion style.

GRANDVIEW® Brand has been registered in China, Canada, Hong Kong, the World Intellectual Property Organization in Madrid joint Pledge Member Union (Including the countries : Austria, Belorussia, BEU, Bulgaria, Cuba, Czechoslovakia, Egypt, France, Hungary, Italy, Poland and so on). In India Launched in 2010 as liberty GRANDVIEW® in association with AV-Vison Equipments (India) (P) Ltd., Secunderabad. Successively, "Grandview" has obtained "Guangdong Famous Trade Mark" and Guangzhou Famous Trade Mark. Grandview has won the glories of "The Top Ten influential Brand in Industry", which is the first and only projection screen manufacturer to win this prize.

Simultaneously Grandview has also:

- Won the bid for "Countryside Mobile Digital Cinema Project" held by the State Administration of Radio Film and Television.
- Official supplier of China Film Group Corporation for "Countryside Digital Cinema Project"
- Supply to more than 200 national sectors, such as State General Administration for Quality Supervision, State Intellectual Property Office, Chinese Academy of Sciences, National Convention Center.
- Supply to Olympic Games, Asian Games, National Games, World Expo.
- Supply to Foreign Aid Projects (for example, Burma, Korea, Equatorial Guinea)
- Supply to the world's famous hotel chain like Shangri-La Hotel, Starwood Hotel, Intercontinental Hotel, Marriott Hotel, Best Western Hotel, Hilton Hotel.

Liberty GRANDVIEW

Guangzhou Grandview Crystal Screen Co., Ltd is a leading manufacturer of projection screens with worldwide reputation of full lines of projection screens with creativity and stability. Grandview's products have been sold to over 80 countries with strong market shares in high end projection screens area.

Originates from Canada, "Grandview" brand has been registered in worldwide intellectual property right organizations and many countries. Nationally Grandview is rewarded as "Famous Trademark of China", "Famous Trademark of Guangdong", "Product of Guangdong with high reputation".

Among the various kinds of Grandview's projection screens, the Skyshow Screen, Manual Screen with Slow Retraction System, Portable Screen with "Self-Stand" system, U-Work Screen, Tripod Screen with air pressure system, Portable Electric Pull up Screen, Dual Masking Screen and Recessed Ceiling Screen with "Casing Separated" technology are worldwide innovations with patents in China, America, Japan, Germany and France, etc.

Grandview's projection screens have been used in different applications with high customer satisfactorysuch as "Theatre in the countryside" project of the State Administration of Radio Film and Television of China, various applications in Beijing Olympic 2008, Shanghai Expo 2010 and Guangzhou Asian Game 2012, multiple foreign aid projects of the Ministry of Commerce of China, over 500 numbers of Five Star Hotels, more than 2000 administrative and educational institutions, countless multi-media rooms, home theatre and meeting rooms.

As the leader in the industry, Grandview is in charge of formulating the national standard of projection screens. With well consideration regarding environmental aspects, security and health in the process of product development and manufacturing, Grandview has been and will continue to be dedicated in providing products with quality, safety and convenience that are also environmental friendly.

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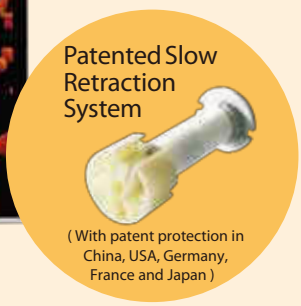
Remark:
1. Unremarked measurements are default to be MM
2. Above parameters could be changed due to product improvement

Liberty GRANDVIEW

CYBER SERIES

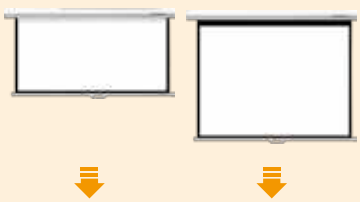
PROJECTION SCREEN

Manual Screen with Slow Retraction System



■ Inbuilt Braking System

The system allows the user to pull the screen down,briefly pause 3 Seconds and the screen will lock into the desired position.



Pull down　　Pause 3 Seconds

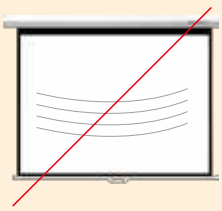
■ Slow Retract System

The system allows the screen retracting back smoothly about 8 seconds, then can prevent the screen bar hitting the case .

Retracting back smoothly about 8 seconds

■ Wrinkle Free

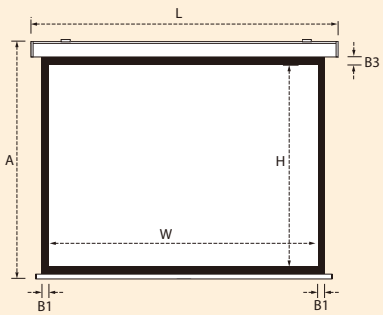
The inbuilt braking system ensures that the screen fabric stay wrinkle-free when retracting it into position.



Fabric stay Wrinkle-free

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)
4:3	72	1460×1100	1319	80	1584×82×71	6.5
	84	1710×1280	1499	80	1864×82×71	8.1
	100	2030×1520	1747	80	2204×85×79	10.5
	120	2340×1755	1998	80	2509×100×90	13.8
	150	2817×2110	2350	50	2992×100×90	19.6
16:9	70	1550×871	1760	750	1725×82×71	7.1
	80	1770×996	1789	650	1901×82×71	8.4
	92	2030×1145	1812	500	2204×85×79	10.5
	100	2214×1245	1908	500	2389×100×90	12.7
	106	2340×1320	1983	500	2509×100×90	13.8
	120	2656×1494	2054	400	2830×100×90	16.2

Screens are available in 16:10 Format also.



Remark:

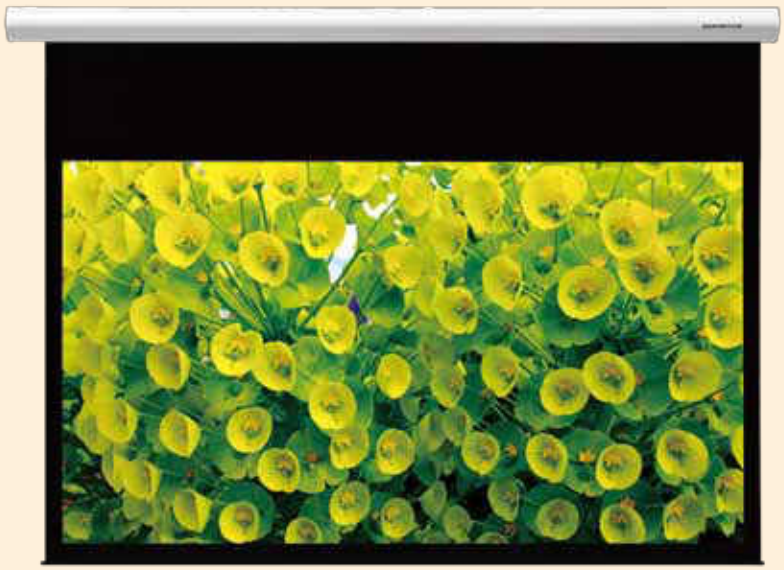
1. Side borders B1 are both 50mm
2. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

Liberty GRANDVIEW

CYBER SERIES

PROJECTION SCREEN

Motorized Screen



- In-line Switch with easy and steady operation
- Optional with IR / RF remote control

In-line Switch

Tubular Motor
(High torque & Quiet)

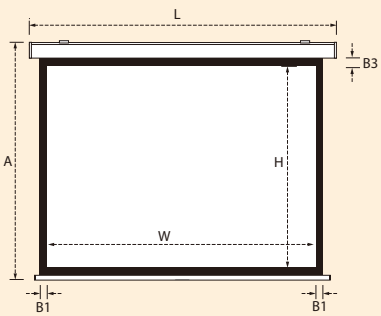
- Smooth Operation
- Accurate Positioning
- Low Noise
- Durable

Optional
Accessories

Remote Controller
External Remote Control Box

Specification

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)	Voltage
4:3	72	1460×1100	1347	80	1670×100×90	9.1	115W
	84	1710×1280	1524	80	1960×100×90	10.5	115W
	100	2030×1524	1767	80	2280×100×90	13.8	115W
	120	2400×1800	2047	80	2650×100×90	15.3	115W
	150	3050×2286	2589	80	3348×143×135	29.4	115W
	180	3620×2715	3018	80	3920×143×135	38.0	250W
	200	4020×3015	3318	80	4320×143×135	49.0	250W
16:9	60	1328×747	1900	1000	1578×100×90	7.8	115W
	70	1550×871	1974	950	1800×100×90	9.5	115W
	80	1770×996	1949	800	1976×100×90	10.3	115W
	92	2030×1145	1948	650	2280×100×90	13.8	115W
	100	2214×1245	1948	550	2464×100×90	14.5	115W
	106	2340×1320	1973	500	2584×100×90	15.1	115W
	120	2656×1494	2047	400	2906×100×90	14.3	115W
	133	2945×1656	2179	300	3243×143×135	29.2	115W
	150	3320×1867	2390	300	3620×143×135	40.2	250W
	180	3984×2240	2763	300	4284×143×135	51.5	250W
	200	4428×2491	3016	300	4730×143×135	58.0	250W



Remark:

Screens are available in 16:10 Format also.

1. Side borders B1 are both 50mm

2. To install screen in ceiling, the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

AV-VISION
EQUIPMENTS (INDIA) PVT. LTD.

CYBER SERIES

PROJECTION SCREEN

Integrated Motorized Screen

With inbuilt IR control function along with connections to external wall switch or central control system.

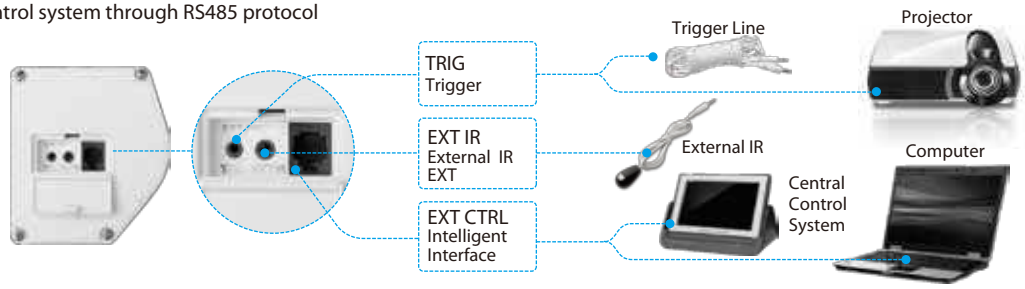
IR Remote Control

Control the screen within 8 meters effective range.

Wall Switch (Optional)

Smart Control Port

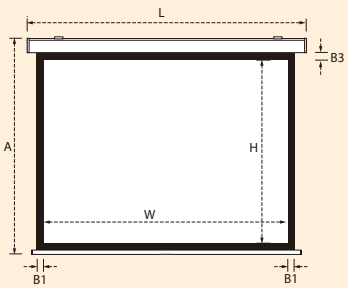
"EXT CTRL" Interface can both connected to a wall switch or central control system through RS485 protocol



Specification

Driving System	Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)	Voltage
Integrated motorized screen CB-MIxxx	4:3	72	1460×1100	1347	80	1670×100×90	9.1	115W
		84	1710×1280	1524	80	1960×100×90	10.5	115W
		100	2030×1524	1767	80	2280×100×90	13.8	115W
		120	2400×1800	2047	80	2650×100×90	15.3	115W
		150	3050×2286	2589	80	3348×143×135	29.4	115W
		180	3620×2715	3018	80	3920×143×135	38.0	250W
		200	4020×3015	3318	80	4320×143×135	49.0	250W
Motorized screen CB-Mxxx	16:9	60	1328×747	1900	1000	1578×100×90	7.8	115W
		70	1550×871	1974	950	1800×100×90	9.5	115W
		80	1770×996	1949	800	1976×100×90	10.3	115W
		92	2030×1145	1948	650	2280×100×90	13.8	115W
		100	2214×1245	1948	550	2464×100×90	14.5	115W
		106	2340×1320	1973	500	2584×100×90	15.1	115W
		120	2656×1494	2047	400	2906×100×90	14.3	115W
		133	2945×1656	2179	300	3243×143×135	29.2	115W
		150	3320×1867	2390	300	3620×143×135	40.2	250W
		180	3984×2240	2763	300	4284×143×135	51.5	250W
		200	4428×2491	3016	300	4730×143×135	58.0	250W

Screens are available in 16:10 Format also.



Remark:

1. Side borders B1 are both 50mm
2. To install screen in ceiling, the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

Liberty GRANDVIEW

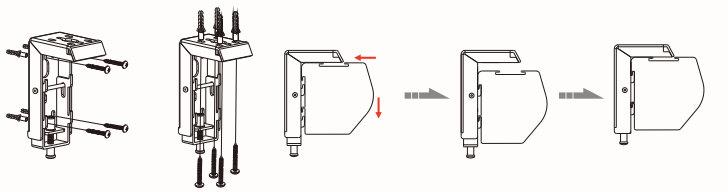
CYBER SERIES

PROJECTION SCREEN

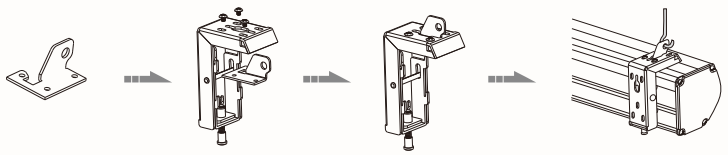
Universal Bracket

Suitable for either wall mount, ceiling mount or ceiling hang.
The bracket can slide horizontally at the back of the casing to match different installation positions.

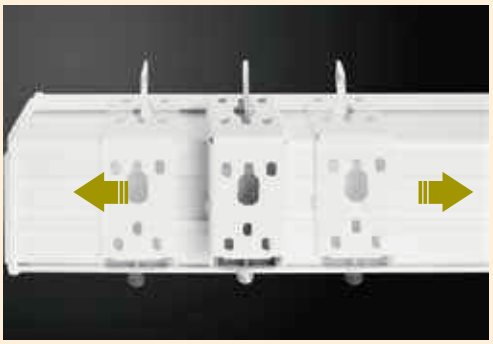
Wall Mount Ceiling Mount



Ceiling Hang



Floating Bracket



Fasten Screw

Standard Accessories

Motorized Screen and Pull down Screen

Mount Bracket

Smart Motorized Screen

Mount Bracket External IR Cable

IR Remote

Optional Accessories (Smart Motorized Screen Only)

Wireless Trigger Parts

Just connect the transmitter(Power Trigger or Wiressless Converter) to Projector and Receiver to "EXT IR" plug on the screen, when the projector is triggered on/off ,the screen would open/close automatically.

Wall Switch

* Use the included wall switch and cable for quick and easy screen operation.
* Two Type for your choose. (Regular Control and Smart Control with RS485 and USB interface)

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

Liberty GRANDVIEW

FANTASY SERIES

PROJECTION SCREEN

Manual Screen with Slow Retraction System

■ Inbuilt Braking System

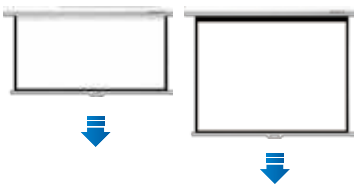
The system allows the user to pull the screen down,briefly pause 3 Seconds and the screen will lock into the desired position.

■ Slow Retract System

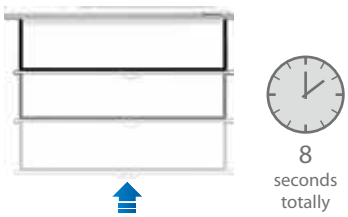
The system allows the screen retracting back smoothly about 8 seconds, then can prevent the screen bar hitting the case .

■ Wrinkle Free

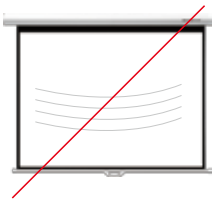
The Inbuilt Braking System ensures that the screen fabric stay wrinkle-free when retracting it into position.



Pull down　　Pause 3 Seconds



Retracting back smoothly about 8 seconds

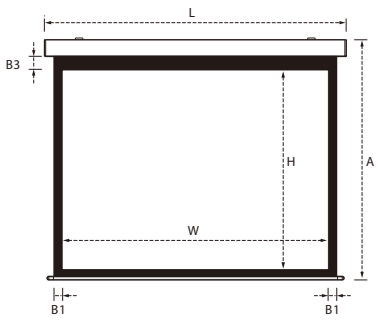


Fabric stay Wrinkle-free

Specification

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)
4:3	84	1710×1280	1528	80	1864×93×79	8.5
	100	2030×1520	1793	80	2204×93×79	10.0
	120	2338×1755	2008	80	2508×93×79	13.0
	150	2817×2110	2368	80	2992×96×91	17.6
16:9	92	2030×1145	1838	500	2204×93×79	10.0
	100	2214×1245	1918	500	2388×93×79	11.0
	106	2340×1320	1993	500	2508×93×79	11.8
	120	2656×1494	2072	400	2831×96×91	15.8

Screens are available in 16:10 Format also.



Remark:

1. Side borders B1 are both 50mm
2. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

Liberty GRANDVIEW

FANTASY SERIES

PROJECTION SCREEN

Motorized Screen

■ In-Line Switch

Default control option for standard motorized screen.Press the "Up" and "Down"buttons to lower and Retract the screen .It's Easy and steadily.

■ Optional Accessories

（External RF&IR Control）

External RF Control System (FM 868mHz)

- With 25m control range and no directional limits.
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- With"UP+Stop+Down" Function Button
- Micro Adjustment function button.
- Easy programming with Receiver incase the Remote handset is lost or Broken
- Plus Manual Switch located on the side of receiver box.
- With Dry contact and RS485 Interface

External IR Control System

- Control Disctance could be 8 Meters,Control range is plus or minus 60 Degree.
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- Good anti-jamming ability.
- With"UP+Stop+Down" Function Button.
- Micro Adjustment function button.
- Plus Manual Switch located on the side of receiver box.
- With Dry contact and RS485 Interface

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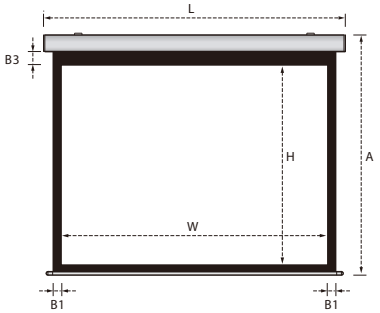
	150	3050×2286	2637	80	3364×126×120	29.4	115W
16:9	92	2030×1145	1948	650	2280×96×91	13.8	115W
	100	2214×1245	1948	550	2464×96×91	14.5	115W
	106	2340×1320	1973	500	2584×96×91	15.1	115W
	120	2656×1494	2047	400	2906×96×91	14.3	115W
	133	2944×1656	2161	300	3258×126×120	20.0	115W
	150	3320×1867	2372	300	3636×126×120	24.1	250W

Screens are available in 16:10 Format also.



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AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

FANTASY SERIES

PROJECTION SCREEN

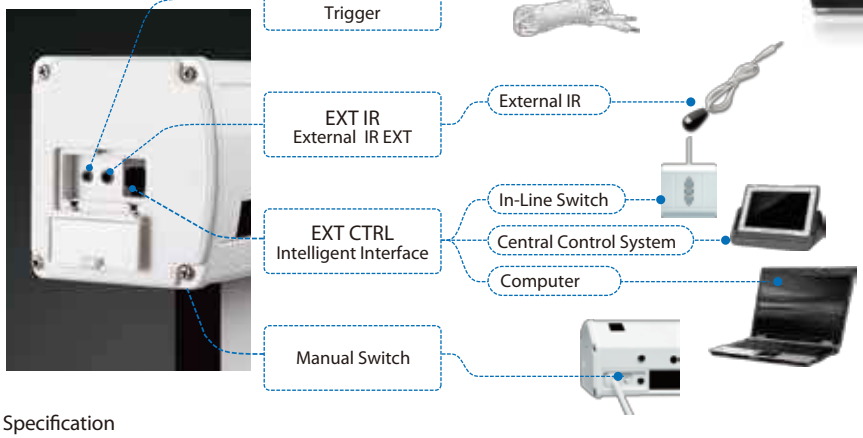
Integrated Motorized Screen

Inbuilt IR Remote Control

Control the screen within 8 meters effective range.

Smart Control Port

"EXT CTRL" Interface can both connected to a wall switch or central control system through RS232 protocol



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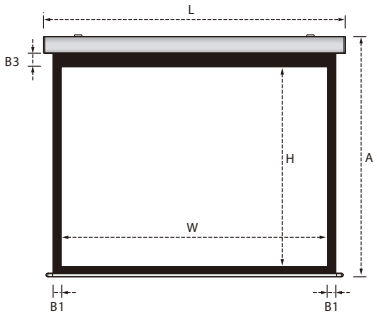

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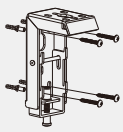
FANTASY SERIES

PROJECTION SCREEN

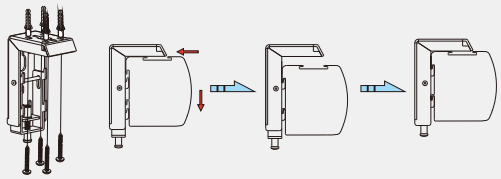
Universal Bracket

Suitable for either wall mount, ceiling mount or ceiling hang. The bracket can slide horizontally at the back of the casing to match different installation positions.

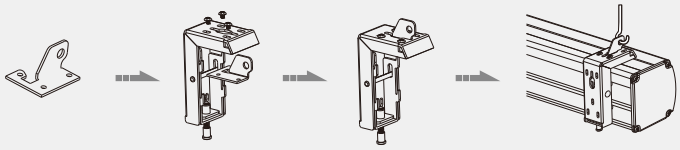
Wall Mount



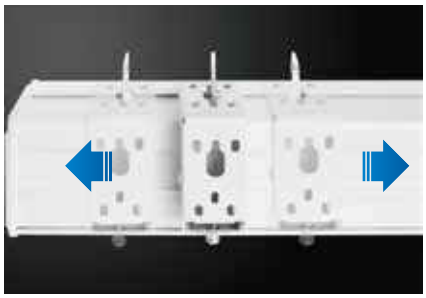
Ceiling Mount



Ceiling Hang



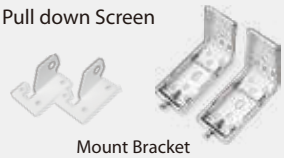
Floating Bracket



Fasten Screw

Standard Accessories

Motorized Screen and Pull down Screen



Mount Bracket

Smart Motorized Screen

Mount Bracket | External IR Cable | IR Remote

Optional Accessories (Smart Motorized Screen Only)

Wireless Trigger Parts

Just connect the transmitter(Power Trigger or Wiressless Converter) to Projector and Receiver to "EXT IR" plug on the screen, when the projector is triggered on/off ,the screen would open/close automatically.

Wall Switch

* Use the included wall switch and cable for quick and easy screen operation.
* Two Type for your choose. (Regular Control and Smart Control with RS485 and USB interface)

ELEGANT SERIES

PROJECTION SCREEN

Manual Screen with Slow Retraction System

Safety

The speed Reduction (SR) and Self-Lock (SL) safety system controls the speed of screen retraction in order to maintain an average rolling speed. The screen retr4acts slowly and smoothly. For safety purposes the retract time is set to approximately 8 seconds.

Self-Lock Limitless Positioning

The user needs to simply hold the screen at any desired position for second and the screen will lock in place.

Wrinkle Free Screen

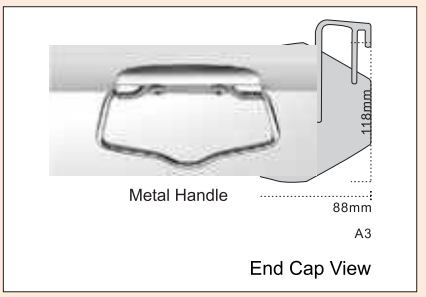
The design of the system allows the screen to be positioned at any desired point with virtually no limitations. With this design, when the screen is retracted into the casing the screen from having any unneeded stress points which cause wrinkles. With this feature, all Liberty Grandview screens are wrinkle free.

Speed Reduction (SR) and
Self-Lock (SL) Safety System

Optional Handles

PVC Handle

Metal Handle



End Cap View

Installation

The installation can be either ceiling suspended or wall mounted.

Ratio	Size Inch	Viewing Size (W x H)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	N.Weight (kg)	Voltage
4:3	100	2030x1100	1778	80	2325x165x135	11.1	115W
	120	2340x1755	2013	80	2636x165x135	13.5	115W
	150	2817x2110	2368	80	3117x165x135	18.2	115W
16:9	92	2030x1145	1823	500	2325x165x135	11.1	115W
	100	2214x1245	1923	500	2516x165x135	12.7	115W
	106	2340x1320	1998	500	2636x165x135	13.5	115W
	120	2656x1494	2072	400	2958x165x135	15.5	250W

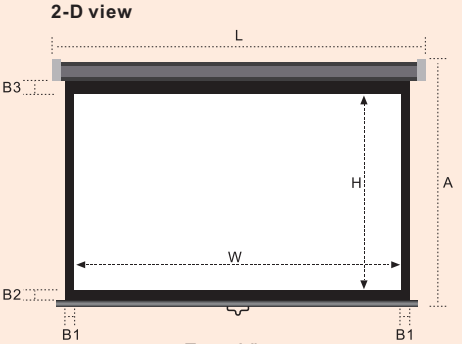
Remark:

Screens are available in 16:10 Format also.

1. Side borders B1 are both 50mm

2. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

2-D view



Front View

ELEGANT SERIES

PROJECTION SCREEN

Motorized Screen

Motorized

Elegant series screens feature a sturdy yet attractive hexagon PVC coated metal casing. The standard installation bracket is suitable for a variety of applications, making the installation simple and convenient.

In-Line Switch

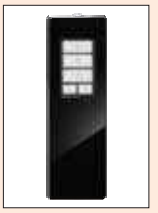
The In-Line Switch is the standard control option for motorized screens. No installation is required and the controls are simple to use. Press the "Up" and "Down" buttons to lower and retract the screen.

Wireless / Infrared Remote Controller

(Optional Accessories)

The fabric drop & retract and micro control can be achieved by controller.

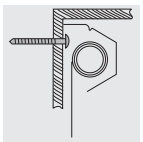
The remote distance is 8 meters.

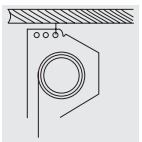


Installation

Default screen installation option

The screens are available in different secure installation methods.



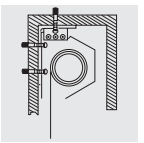


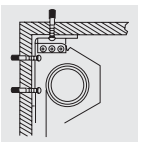
Optional bracket installation methods

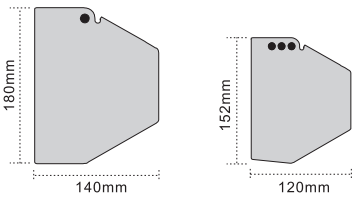
Optional bracket accessories, optional hidden installation or wall mounted

Installation bracket for screens 150"and above

Installation bracket for screens under 150"

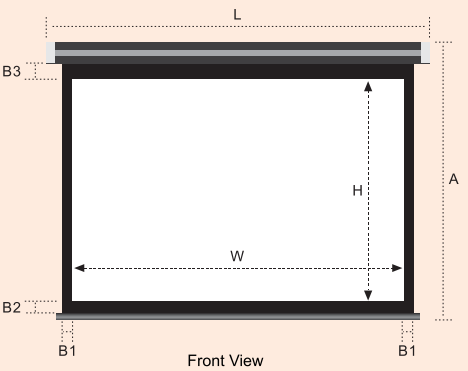






Note: The appearance is slightly different between the motorized and manual screens. Please refer to actual unit

2-D view



Front View

Ratio	Size Inch	Viewing Size (W x H)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	N.Weight (kg)	Voltage
4:3	100	2030x1520	1830	80	2754x215x170	17.16	115W
	120	2338x1755	2065	80	3062x215x170	19.24	115W
	150	3048x2286	2596	80	3772x215x170	24.28	115W
	180	3620x2715	3025	80	4442x215x170	28.40	250W
	200	4020x3015	3325	80	4847x215x170	31.54	250W
	240	4878x3660	4000	80	5702x215x170	38.60	250W
16:9	92	2030x1145	2025	650	2754x215x170	16.81	115W
	100	2214x1245	2025	550	2938x215x170	17.85	115W
	106	2340x1320	2050	500	3064x215x170	18.79	115W
	120	2656x1494	2024	400	3380x215x170	20.80	115W

Screens are available in 16:10 Format also.

Remark:

1. Side borders B1 are both 50mm

2. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

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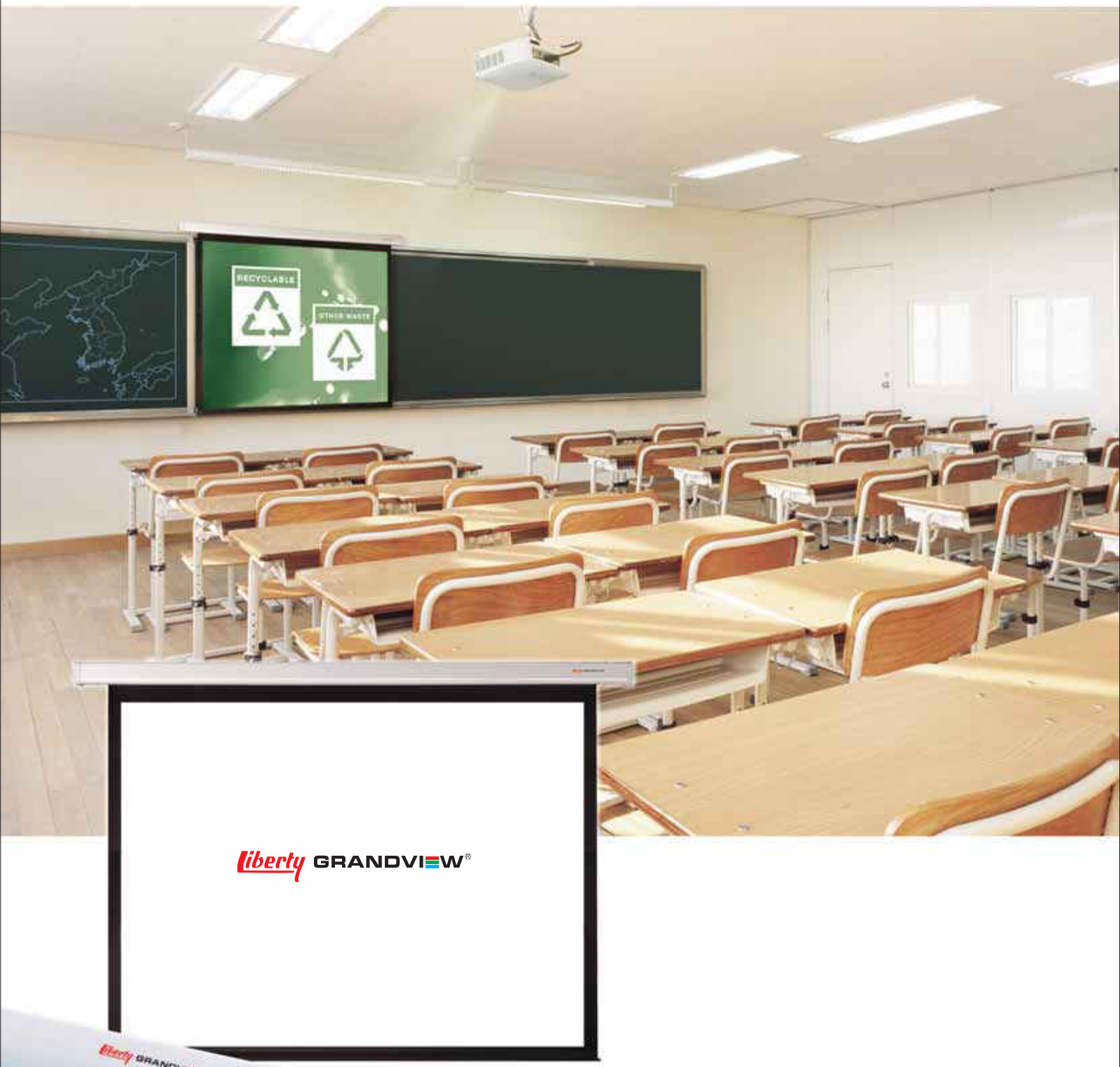
Liberty GRANDVIEW®



Solution for Multimedia Education system

Liberty GRANDVIEW®

CNV MANUAL / ELECTRIC SCREEN

Square metal casing ensures the simple yet elegant out look of CNV Series. Designed for the environment of multimedia classroom, CNV series manual / motorized screen can be wall mounted or ceiling hanged easily, and the motorised screen can be controlled with IR remote.

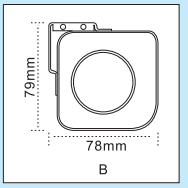
CNV SERIES

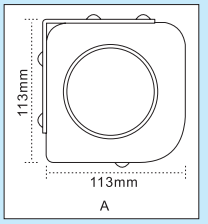
PROJECTION SCREEN

Manual Screen with Slow Retraction System

The square shaped metal casing gives the CNV Series screens a simple and precise look. The CNV brackets give users the option of wall mount, ceiling mount or ceiling hand. This model is a perfect fit for various education and government facilities.

End Cap View



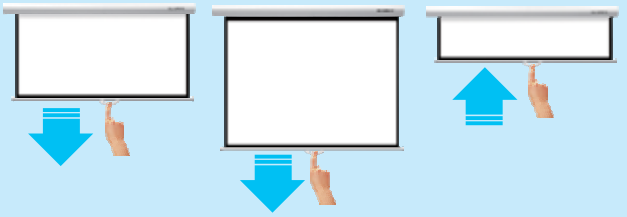


Manual Pull-Down Positioning System

Grandview's self-locking(SL) mechanism allows the screen to be pulled down and have a smooth retraction after releasing.

1. Pull down the handle and hold of the desired point for 2 seconds, the screen will be locked automatically.
2. Pull down the handle again will unlock the screen and start its retraction.
3. In order to prevent damage to the casing due to the bottom bar accelerating too quickly, the user needs to hold the handle during retraction.

Operation Demonstration



Manual Screen with Speed-Reduction

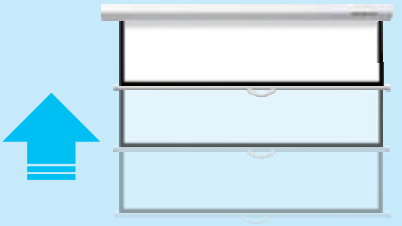
A speed reduction component and self-lock component on the same rolling rod makes for a complex and expensive design. Grandview's Slow-Return and Slef-Lock system is integrated and designed as one component and offers three key features.

Safety

Self-Lock Limitless Positioning

Wrinkle Free Screens

Operation Demonstration



The speed of retracting is equal and the retracting time is approximately 8 seconds.

Ratio	Size Inch	Viewing Size (W x H)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	N.Weight (kg)
4:3	72	1460x1100	1315	80	1770x175x132	7.79
	84	1710x1280	1495	80	2050x175x132	8.20
	100	2030x1520	1760	80	2390x175x132	10.50
	115	2340x1755	1975	80	2700x175x132	12.30
	133	2703x2027	2257	80	3077x220x175	27.10
	138	2817x2110	2340	80	3101x220x175	30.00
16:9	77	1704x958	1793	700	2050x175x132	8.20
	92	2030x1145	1805	500	2390x175x132	10.50
	100	2214x1245	1914	550	2700x175x132	10.69
	106	2340x1320	1960	500	2700x175x132	12.00
	120	2656x1520	2160	500	3000x220x175	20.00

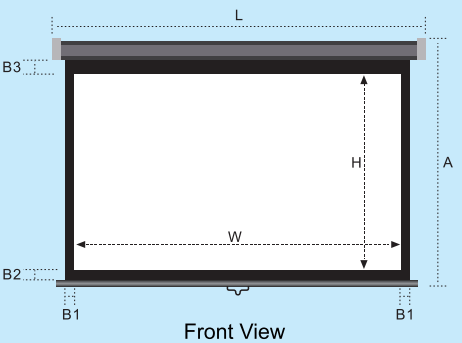
Screens are available in 16:10 Format also.

Remark:

1. Side borders B1 are both 50mm

2. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size. (Length:+ 100mm ;Height: +60mm; D: +60mm)

2-D view



Front View

CNV SERIES

PROJECTION SCREEN

Motorized Screen

■ In-Line Switch

It's default control option for Regullar motorized screens.Press the "Up" and "Down"buttons to lower and Retract the screen .It's Easy and steadily.

Standard Accessories

Motorized Screen Included

Mount Bracket

■ Optional Accessories

（External RF&IR Control）

External RF Control System (FM 868mhz)

- With 25m control range and no directional limits.
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- With"UP+Stop+Down" Function Button
- Micro Adjustment function button.
- Easy programming with Receiver incase the Remote handset is lost or Broken
- Plus Manual Switch located on the side of receiver box.
- With Dry contact and RS485 Interface

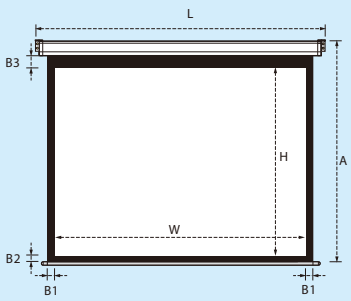
External IR Control System

- Control Disctance could be 8 Meters,Control range is plus or minus 60 Degree.
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- Good anti-jamming ability.
- With"UP+Stop+Down" Function Button.
- Micro Adjustment function button.
- Plus Manual Switch located on the side of receiver box.

Specification （Motorized Screen **CN-Mxxx**）

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	End Cap Model	N.Weight (kg)	Voltage
4:3	72	1463×1097	1312	80	1842×79×78	B	10.6	115W
	84	1710×1280	1495	80	1977×79×78	B	11.5	115W
	100	2030×1520	1735	80	2281×79×78	B	12.4	115W
	120	2338×1755	1970	80	2585×79×78	B	14.5	115W
	150	3050×2286	2566	80	3342×113×113	A	24.0	115W
16:9	77	1710×965	1950	850	2089×79×78	B	11.5	115W
	92	2030×1145	1930	650	2281×79×78	B	12.6	115W
	100	2214×1245	1930	550	2465×79×78	B	13.2	115W
	106	2338×1320	1955	500	2585×79×78	B	14.5	115W
	120	2656×1494	2094	400	2948×113×113	A	20.6	115W

Screens are available in 16:10 Format also.



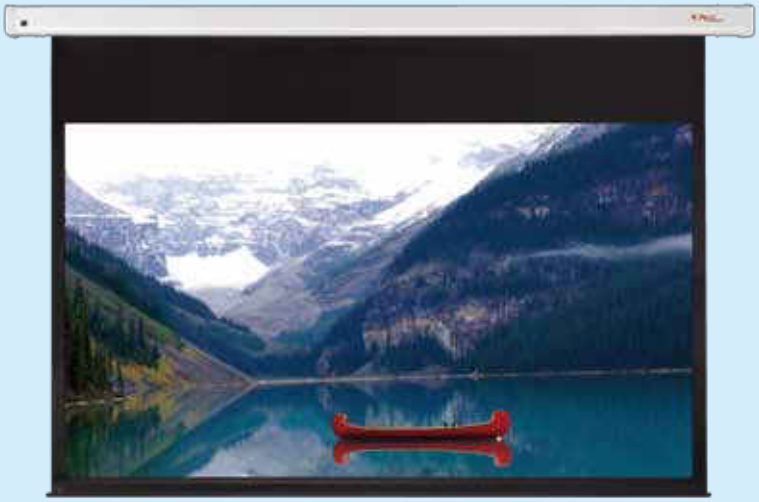
Remark:

1. Side borders B1 are both 50mm
2. The bottom black drop for Type A of Motorized screen is 80mm(B2); the bottom black drop for Type B of Motorized screen is 50mm(B2).
3. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size.(Length:+ 100mm ;Height: +60mm; D: +60mm)

Liberty GRANDVIEW

CNV SERIES

PROJECTION SCREEN



Integrated Motorized Screen

Multi-Control Options

■ **Infrared Remote Control System**

The fabric drop and retract and micro control can be achieved by controller. The remote distance is 8 meters.

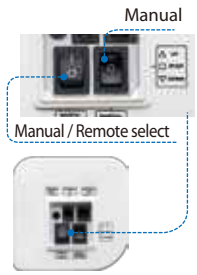
■ **Manual / Remote select**

The switch can make interchange between manual and integrated control.

Wall Switch (Optional)

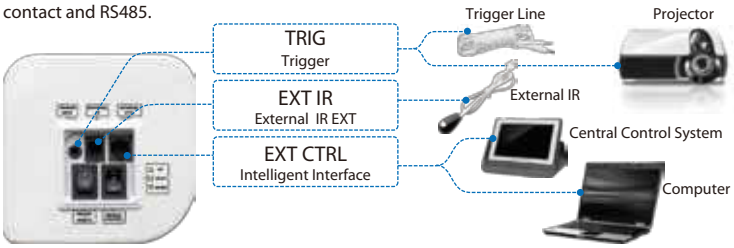
Connect the 6P6C plug of the wall switch to the "EXT CTRL" interface, user can choose net cable when the control distance is too long

Manual Switch



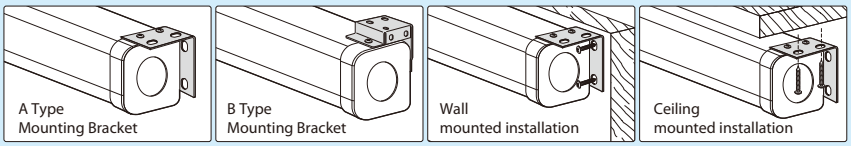
Smart Control Port

With Smart control interface: 5v/12v Trigger . External IR Control. Dry contact and RS485.



Universal Mount System (Ceiling Mount & Wall Mount)

Screen can be either wall mounted or hung from the ceiling.And secure with the mounting screws to make sure no drop risk.



Standard Accessories

Mount Bracket | External IR Cable | IR Remote

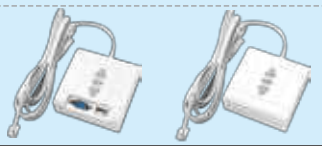
Optional Accessories (Integrated Motorized Screen Only)

Wireless Trigger Parts

Just connect the transmitter(Power Trigger or Wiressless Converter) to Projector and Receiver to "EXT IR" plug on the screen, when the projector is triggered on/off ,the screen would open/close automatically.

Wall Switch

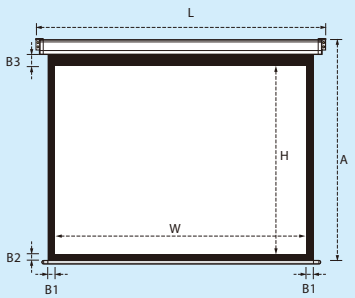
* Use the included wall switch and cable for quick and easy screen operation.
* Two Type for your choose. (Regular Control and Smart Control with RS485 and USB interface)



Specification (Integrated Motorized Screen **CN-MIxxx**)

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	End Cap Model	N.Weight (kg)	Voltage
4:3	84	1710×1280	1495	80	1977×79×78	B	11.5	115W
	100	2030×1520	1735	80	2281×79×78	B	12.4	115W
	120	2338×1755	1970	80	2585×79×78	B	14.5	115W
	150	3050×2286	2566	80	3342×113×113	A	24.0	115W
16:9	92	2030×1145	1930	650	2281×79×78	B	12.6	115W
	100	2214×1245	1930	550	2465×79×78	B	13.2	115W
	106	2338×1320	1955	500	2585×79×78	B	14.5	115W
	120	2656×1494	2094	400	2948×113×113	A	20.6	115W
	133	2945×1655	2125	300	3222×113×113	A	24.0	115W

Screens are available in 16:10 Format also.



Remark:

1. Side borders B1 are both 50mm
2. The bottom black drop for Type A of Motorized screen is 80mm(B2); the bottom black drop for Type B of Motorized screen is 50mm(B2).
3. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size.(Length:+ 100mm ;Height: +60mm; D: +60mm)

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DIAS SERIES

PROJECTION SCREEN

Motorized Screen

■ In-Line Switch

It's default control option for Regullar motorized screens.Press the "Up" and "Down"buttons to lower and Retract the screen .It's Easy and steadily.

■ Optional Accessories

（External RF&IR Control）

External RF Control System (FM 868mhz)

- Control on either side and up to 25 Meters
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- With"UP+Stop+Down" Function Button
- Micro Adjustment function button.
- Easy programming with Receiver incase the Remote handset is lost or Broken
- Plus Manual Switch located on the side of receiver box.
- With Dry contact and RS485 Interface

External IR Control System

- Control Disctance could be 8 Meters,Control range is plus or minus 60 Degree.
- With" Delayed Action "and "1 minutre disconnect" Function to protect Motor.
- Good anti-jamming ability.
- With"UP+Stop+Down" Function Button.
- Micro Adjustment function button.
- Plus Manual Switch located on the side of receiver box.

Integrated Motorized Screen

Multi-Control Options

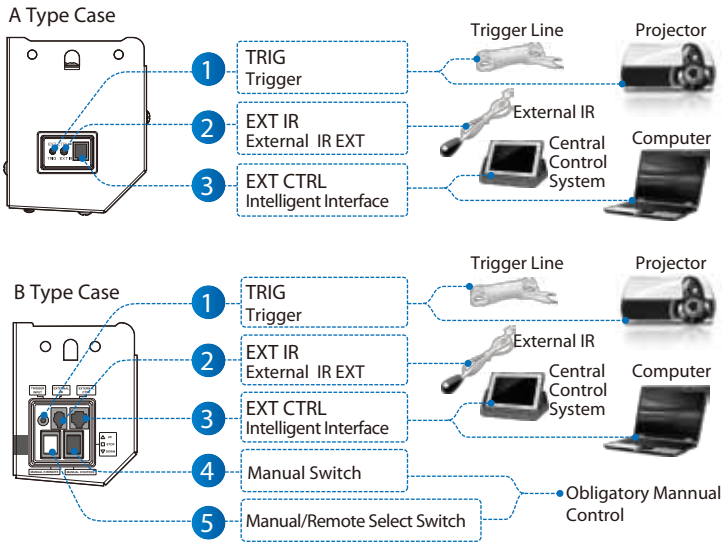
■ Infrared Remote Control System

The fabric drop and retract and micro control can be achieved by controller. The remote distance is 8 meters.

红外遥控器

■ Manual / Remote select

The switch can make interchange between manual and integrated control.



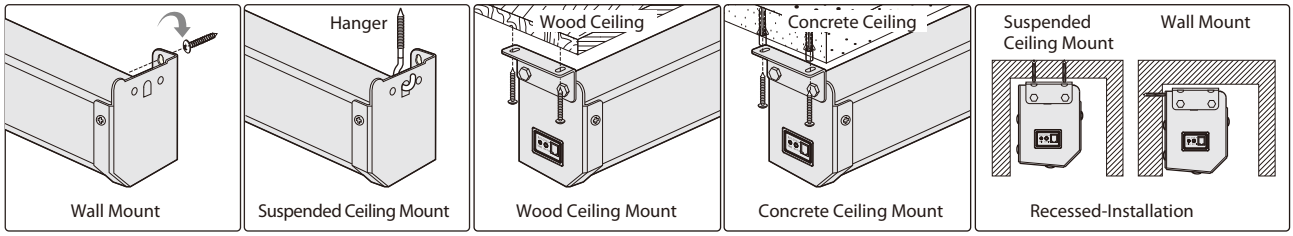
Liberty GRANDVIEW

DIAS SERIES

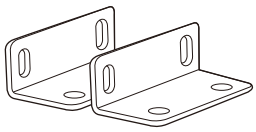
PROJECTION SCREEN

Flexible Installation System

Dias series has various installation systems,which can be either wall mounted or suspending installed,and recess-ceiling Kits are optional.



Standard Accessories (Regular Motorized)



Mount Bracket

Standard Accessories (Integrated Motorized)

Mount Bracket | External IR Cable | IR Remote

Optional Accessories (Smart Motorized Screen Only)

Wireless Trigger Parts

Just connect the transmitter(Power Trigger or Wiressless Converter) to Projector and Receiver to "EXT IR" plug on the screen, when the projector is triggered on/off ,the screen would open/close automatically.

Optional Accessories

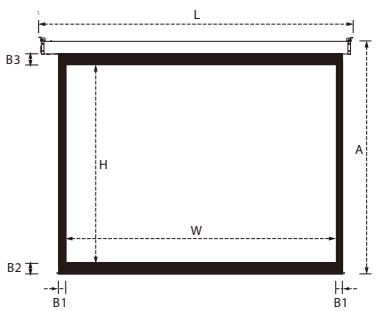
Wall Switch

* Use the included wall switch and cable for quick and easy screen operation.
* Two Type for your choose. (Regular Control and Smart Control with RS485 and USB interface)

Specification

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	End Cap	N.Weight (kg)	Voltage
4:3	84	1710×1280	1531	80	2000×127×92	B	13.4	115W
	100	2030×1520	1771	80	2321×127×92	B	15.6	115W
	120	2340×1755	2006	80	2631×127×92	B	17.7	115W
	150	3048×2286	2601	80	3344×155×123	A	28.3	115W
	180	3620×2715	3030	80	3976×155×123	A	33.7	175W
	200	4020×3015	3330	80	4376×155×123	A	38.5	175W
16:9	80	1770×995	1972	800	2061×127×92	B	13.8	115W
	92	2030×1145	1966	650	2321×127×92	B	15.6	115W
	100	2214×1245	1966	550	2505×127×92	B	16.8	115W
	106	2340×1320	1991	500	2625×127×92	B	19.9	115W
	120	2656×1494	1976	300	2947×127×92	B	20.1	115W
	133	2945×1655	2285	400	3240×155×123	A	28.0	115W
	150	3320×1867	2502	400	3676×155×123	A	32.5	175W
	180	3985×2240	2875	400	4341×155×123	A	36.5	175W

Screens are available in 16:10 Format also.



Remark:

1. Side borders B1 are both 50mm
2. The bottom black drop for Type A of Motorized screen is 80mm(B2); the bottom black drop for Type B of Motorized screen is 50mm(B2).
3. To install screen in ceiling,the ceiling hole size could be caculated by the Screen case box size.(Length:+ 100mm ;Height: +60mm; D: +60mm)

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

Liberty GRANDVIEW

FIXED FRAME Series

Projection Screen

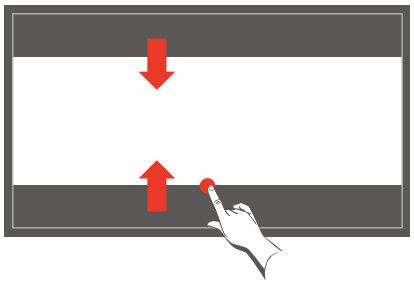
Dual Masking Frame Series

Manual control with no electricity required but just one button!

Dual masking frame screen can serve the needs for different formats in one screen such as 2.35:1, 16:9 and 4:3 with simple and convenient manual control system.

- Inbuilt Synchro-Masking system
  (for vertical masking only)
  With this system the upper masking would move synchrous with the operation on lower masking.
- Slow Retraction
  Inbuilt with slow retraction system, the masking can be retracted slowly automatically.
- Easy Operation
  The manual button is set at a convenient operational height for easy operation.
- Easy Installation
  Equipped with rapid installation bracket system, the aluminum alloy frame with velvet wrapped is easy to be assembled and installed

Unique Movable Masking System
(For Vertical Masking Exclusive Use)



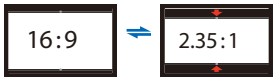
One side pulled, both sides retracted

Horizontal Dual Masking Frame Screen

For the projector with 2.35:1 chips, the horizontal masking system maximize the 2.35:1 viewing area while including 16:9 and 4:3 format

Vertical Dual Masking Frame Screen

For projector with 16:9 chips original and project 2.35:1 image with anamorphic lens, the vertical masking system can match both 16:9 and 2.35:1 format.



FIXED FRAME Series

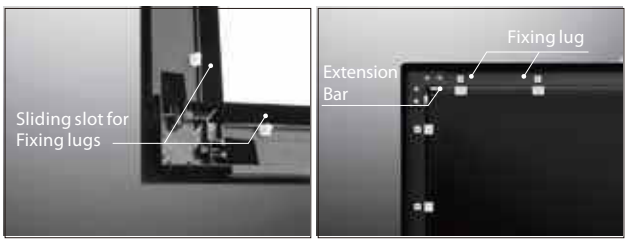
Projection Screen

Fixed Frame Screen

Large-Flat Permanent Fixed-Frame Screen

Special Flat-Panel TV

Grandview's Large-Flat Permanent Fixed-Frame screen is a solution for the size limitation problem that comes with Traditional TV.The Permanent Fixed-Frame brings home the big screen theatre experience.Setting itself apart from normal screens,Grandview's Permanent Fixed-Frame screen features a plane positioning desigh that ensures equal tension from ever side which makes the projection surface as flat as can possibly be.The optional perforated screen material features the most advanced perforation technology that ensures both picture and sound is showcased at an optimal level.Grandview Permanent Fixed-Frame screen is the enthusuast's choice for use in a dedicated application.



■ 4 Sided Tension Design

The steel tension bars along with the fixing lugs stretch and tightens the screen fabric for it to be completely flat and wrinkle-free.
The tension can adjusted to ensure a evenly tensioned surface.

■ One Button Uninstall

By pressing the One button uninstall located under the install brackets, the whole screen can easily be taken down for cleaning.

Prestige Fixed Frame Screen Structure

* Aluminum alloy frame wrapped in velvet.
* 45 corner connecting bracket fits perfectly and Easy to install
* 80cm Bevelled Frame
* Used for sizes 150" and Below

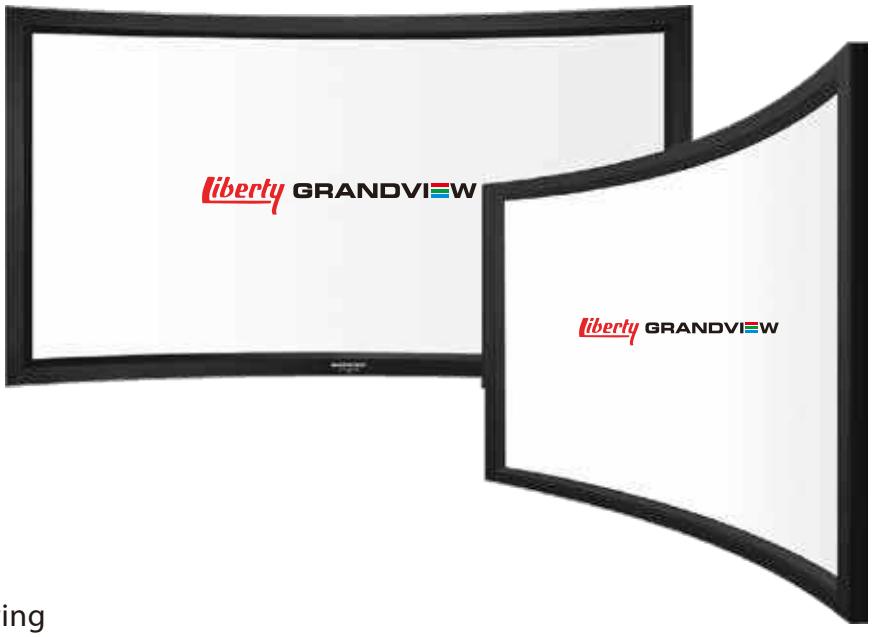
Utimate Fixed Frame Screen

* Aluminum alloy frame wrapped in velvet.
* Corner Bracket are fixed by screws which ensure the connecting bracket is firm and rigid
* 100mm Bevelled Frame
* Used for sizes 150" and Above

FIXED FRAME Series

Projection Screen

Curved Frame Screen



Designed for Optimal Viewing

Grandview's Large-Flat Permanent Fixed-Frame is designed for the most precision and enthusiast oriented applications.It features and advanced aluminum structure with the goal of creating an image made to fit the natural curve of the human eye.The Design is created to eliminate problems caused by different distances between the projector and the screen.This screen brings high definition viewing to a hight level.

4 Sided Tension Design

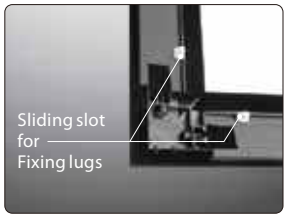
The steel tension bars along with the fixing lugs stretch and tightens. The screen fabric for is to be completely flat and wrinkle-free. The tension can adjusted to ensure a evenly tensioned surface.

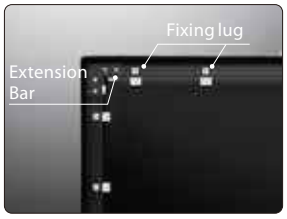
More Accurate,Realistic; A feast for Your Eyes

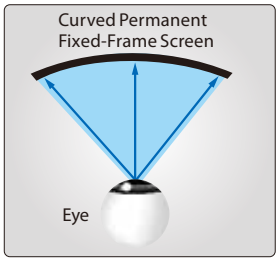
Bases on the feature of eyeball to achieve high definition, and balance the focus of screen with purpose of achieving perfect effect between screen image and visual experience.

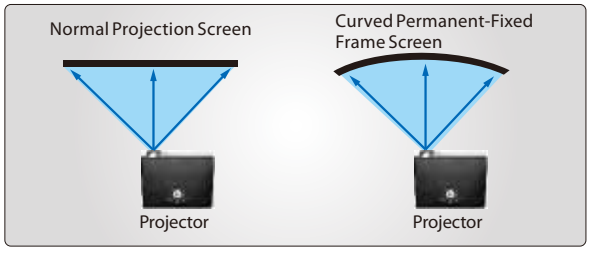
More Uniform,Detailed,Taking you into your Film World

Bases on the projector's Sphere to make the image uniform and perfectly focused.









FIXED FRAME Series

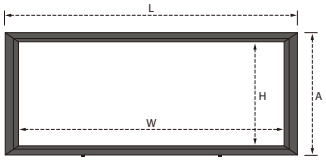
Projection Screen

Specification

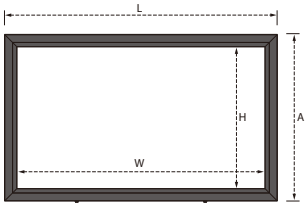
Dual Masking Frame Series

Ratio	Model	Size (Inch)	Viewing Size (W × H)	Product Size (L×H×W)	Package Size (L×H×W)
Horizontal Dual Masking Frame Screen					
2.35:1	LF-HMF-92	92	2150×915	2450×1125×60	2470×308×152
	LF-HMF-100	100	2337×995	2637×1205×60	2630×308×152
	LF-HMF-106	106	2477×1054	2777×1264×60	2767×308×152
	LF-HMF-110	110	2571×1094	2870×1304×60	2860×308×152
	LF-HMF-120	120	2805×1193	3164×1404×60	3094×308×152
	LF-HMF-125	125	2921×1243	3221×1453×60	3206×308×152
	LF-HMF-130	130	3038×1293	3338×1503×60	3307×308×152
	LF-HMF-132	132	3085×1313	3385×1523×60	3346×308×152
Vertical Dual Masking Frame Screen					
16:9	LF-VMF-77W	77	1705×958	1915×1258×60	2095×370×240
	LF-VMF-80W	80	1771×996	1981×1296×60	2161×370×240
	LF-VMF-92W	92	2037×1145	2247×1445×60	2427×370×240
	LF-VMF-100W	100	2214×1245	2424×1545×60	2604×370×240
	LF-VMF-106W	106	2346×1320	2556×1620×60	2736×370×240
	LF-VMF-120W	120	2656×1494	2866×1794×60	3046×370×240

Horizontal Adjustable Fixed-Frame Screen



Vertical Adjustable Fixed-Frame Screen

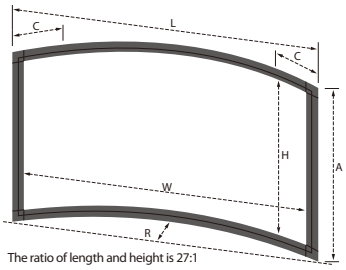


Curved Frame Screen(LF-PHxxx)

Ratio	Diagonal (Inch)	Viewing Area (W×H)	Frame size	C	Package Size (L×H×W)	N. Weight (kg)
16:9	77	1704×958	80	410	1840×330×130	9.4
	80	1771×996	80	443	1907×330×130	9.7
	92	2037×1145	80	501	2173×330×130	11.3
	100	2214×1245	80	590	2350×330×130	12.2
	106	2346×1319	80	580	2485×330×130	12.7
	112	2479×1394	80	641	2615×330×130	13.5
	120	2656×1494	80	660	2792×330×130	14.2
	133	2944×1656	80	990	3104×330×130	16.8
	150	3320×1867	80	842	3456×330×130	17.8
	180	3984×2240	100	805	4184×330×130	27.0

Note: The ratio of length and height is 27:1, customized is acceptable.

Concave Perm-Fixed Series

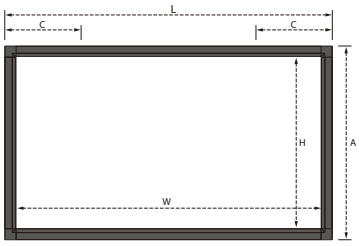


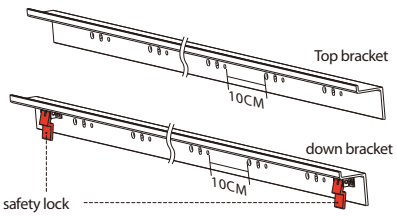
The ratio of length and height is 27:1

Fixed Frame Screen (Prestige/Utimate)

Ratio	Diagonal (Inch)	Viewing Area (W×H)	Frame size	C	Product Size (L×H×W)	N. Weight (kg)
Prestige（LF-PUxxx）						
4:3	100	2030×1524	80	500	2190×1684×35	12.3
	120	2438×1829	80	600	2598×1989×35	14.7
	150	3048×2286	80	700	3028×2446×35	18.5
16:9	92	2037×1145	80	500	2197×1305×35	11.0
	100	2214×1245	80	500	2374×1405×35	11.9
	106	2346×1320	80	600	2506×1480×35	12.5
	120	2656×1494	80	600	2816×1654×35	14.2
	133	2944×1656	80	827	3104×1816×35	16.8
	150	3320×1867	80	800	3480×2027×35	17.8
2.35:1	103	2407×1025	80	600	2567×1185×35	12.6
	115	2687×1145	80	600	2847×1305×35	13.1
	125	2921×1245	80	700	3081×1405×35	14.0
Utimate（LF-PPxxx）						
4:3	100	2030×1524	100	500	2230×1724×40	18.7
	120	2438×1829	100	600	2638×2029×40	22.2
	150	3048×2286	100	700	3248×2486×40	27.5
	180	3658×2743	100	900	3858×2943×40	28.2
16:9	92	2037×1145	100	500	2237×1345×40	17.9
	100	2214×1245	100	500	2414×1445×40	19.3
	106	2346×1320	100	600	2546×1520×40	20.3
	120	2656×1494	100	600	2856×1694×40	22.8
	150	3320×1867	100	800	3520×2067×40	26.5
	180	3984×2240	100	900	4148×2440×40	27.1
	200	4427×2489	100	1000	4627×2689×40	30.5
2.35:1	103	2407×1025	100	600	2607×1225×40	20.0
	115	2687×1145	100	600	2878×1345×40	21.8
	125	2921×1245	100	700	3121×1445×40	25.0

Large-flat Series (Prestige/Utimate)





installation brackets (Prestige Only)

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

Liberty GRANDVIEW

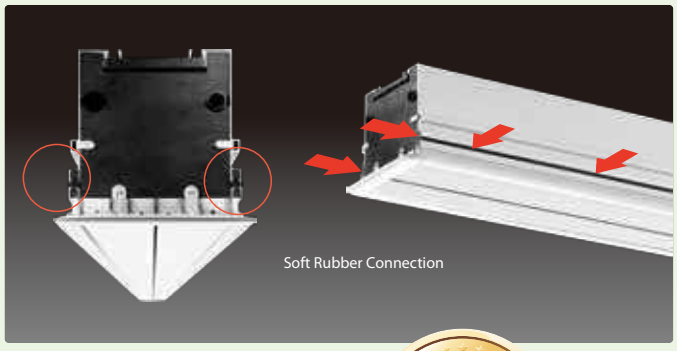
HD THEATER Series

Projection Screen

Recessed-ceiling Series

- Aluminum alloy casing with stability and low weight.
- Recessed design integrated with ceiling decoration.
- Suitable for all types of ceilings.

Recessed ceiling screen features the "Separated Casing" patented technology that reduces noise and vibrations. This helps to eliminate the common noise problem caused by the friction between the screen casing and ceiling. This excluseve technology ensures that while the screen is completely hidden providing a seamless look there is no compromise in quality. This screen is designed to be recessed into the ceiling and is an ideal hidden solution for installations such as home cinema, office and conference rooms. The sturdy case boasts an easy to install yet functional design. The largest seamless size of this screen is 200"(4:3) or 200"(16:9). Tab-tension motorized and standard motorized applications are available in this recessed-ceiling desgn.



Revolutional Noiseless Solution

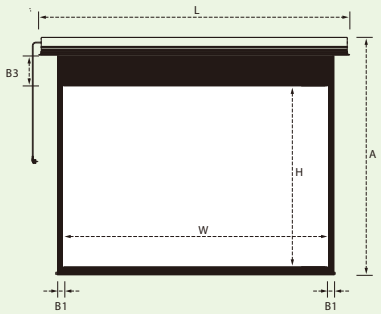
Separated Casing Patented Technology

Patent No: ZL200920238695.1

GRANDVIEW Global First Invented by Grandview

Specification (CB-MICKxxx)

Ratio	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	Net Weight (kg)	Voltage (220V)
4:3	72	1463×1097	2167	850	1852×161×170	20.0	115W
	84	1707×1280	2170	670	2136×161×170	24.0	115W
	100	2032×1524	2164	420	2527×161×170	26.6	115W
	120	2438×1829	2169	120	2867×161×170	29.3	115W
	150	3048×2286	2950	400	3667×161×170	35.4	115W
	180	3658×2743	3064	80	4147×161×170	46.2	160W
	200	4064×3048	3336	80	4553×161×170	50.5	160W
16:9	77	1705× 958	2169	990	2134×161×170	24.5	115W
	80	1771× 996	2166	950	2156×161×170	24.7	115W
	92	2037×1146	2166	800	2466×161×170	27.0	115W
	100	2214×1245	2165	700	2643×161×170	28.2	115W
	106	2347×1320	2170	630	2776×161×170	29.2	115W
	120	2656×1494	2105	450	3086×161×170	31.6	115W
	133	2944×1656	2297	400	3373×161×170	36.0	115W
	150	3321×1868	2409	300	3750×161×170	41.2	160W
	180	3984×2241	2782	300	4474×161×170	48.5	160W



Remark:

1. Recessed-Ceiling series, under 120" size with double ornament board, 120" or above the size with single ornament border.
2. For Tab-Tension series if recessed installation was necessary, ensure the oblong groove's Length, Height, Depth is separately more than 100mm, 60mm, 60mm of the product dimension. For well covering the groove with ornament board, Length and Depth need to be separately less than 10mm of product dimension if the groove's Height is over 250mm.

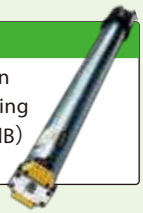
HD THEATER Series

Projection Screen

Tab-tension Series

Tubular Motor

* Smooth Operation
* Accurate Positioning
* Low Noise （≤45dB）
* Durable



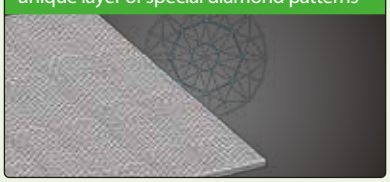
Tab-Tension Motorized Screen

- PS Series flexible HD fabric provides high quality images.
- Tension system along with the adjust knob design ensures the last long flatness.
- Floating mounting brackets suits for all types of installation environments.

An unique knob/auto tension adjustment system

With a unique knob/auto tension adjustment system, the screen surface is well tensioned at every point to ensure a picture experience. The tool-free system ensures that wrinkles and "V" waves are eliminated.

PS HD flexible fabric which features a unique layer of special diamond patterns



This screen features the PS HD flexible fabric which features a unique layer of special diamond patterns on the surface specifically designed to bring out the best from the projector and enhance picture quality and color. With its ability to maximize and reflect high resolution images,this fabrics brings out the best in high definition feeds.

Control Options

In-Line Switch

In-Line Switch is the standard control option for motorized screen.
No installation is required and the controls are simple to use.

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

HD THEATER Series

Projection Screen

Tab-tension Series

Integrated Tab-Tension Motorized Screen

- Aluminum alloy casing with stability and low weight.
- Floating mounting brackets suits for all types of installation environments.
- PS Series flexible HD fabric provides high quality images.
- Tension system along with the adjust knob design ensures the last long flatness.
- Equipped with intelligent control system.

Recessed-Ceiling Tab-Tension Screen

- Aluminum alloy casing with stability and low weight.
- PS Series flexible HD fabric provides high quality images.
- Tension system along with the adjust knob design ensures the last long flatness.
- Designed with Grandview's patented "Casing Separated" Technology.
- Recessed design integrated with ceiling decoration.
- Equipped with intelligent control system.

Control Options

1 IR Remote Control

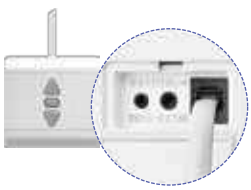
The fabric drop and retract and micro control can be achieved by controller. The remote distance is 8 meters.

2 Cycle-Switch

The button under the casing close to the power line is the Cycle Switch button.

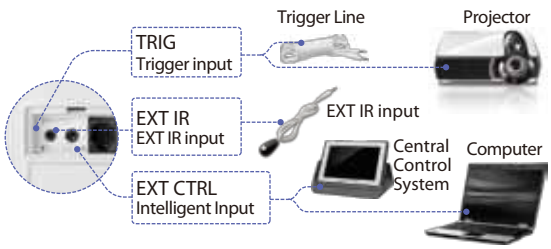
3 Central Control Adaptor

Plug into the EXTCTCRL slot via 6P6C for a Central Control Adapter. Various cable lengths can be used for different installation situation.



4 Multi-Control Options

EXT-CTRL can be connected by either a wall-switch or connected to the Central Control Adapter for remote usage.



Optional Control

Central Control Adapter

Forextendedscreencontrolandfunctionally,thecentralcontroladapter is available. Integrating RS232 and USB connectors, this adapter plug right into the screen's integrated control interface. A central control via computer can control the operation of the screen and manual buttons are provided for convenience.

Power Synchro Relay

RF emitter put into the projector's power cord and RF sensor plug into the screen end cap's EXT IR interface, to realize the screen's up and down sync with the projector's off and on.

HD THEATER Series

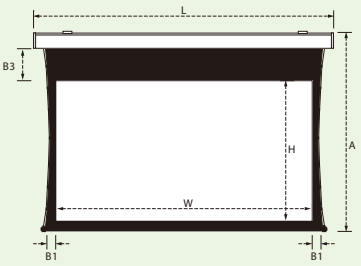
Projection Screen

Specification

Cyber Integrated Tab-Tension Motorized Screen(LF-MIxxx)

Ratio	Diagonal (Inch)	Viewing Area (WxH)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	Net Weight (kg)	Voltage (220V)
4:3	84	1707×1280	1913	400	2195×143×135	16.7	115W
	100	2032×1524	2157	400	2523×143×135	20.0	115W
	120	2438×1829	2462	400	2926×143×135	22.9	115W
	150	3048×2286	2919	400	3538×143×135	29.8	115W
16:9	80	1770× 995	1628	400	2258×143×135	17.2	115W
	92	2037×1145	1778	400	2523×143×135	19.7	115W
	100	2214×1245	1878	400	2702×143×135	21.0	115W
	106	2346×1320	1953	400	2834×143×135	21.8	115W
	120	2656×1494	2127	400	3144×143×135	24.5	115W
	133	2944×1656	2316	400	3434×143×135	27.0	115W
	150	3320×1867	2500	400	3810×143×135	28.9	250W
2.35:1	100	2340× 995	1828	600	2844×143×135	21.0	115W
	110	2570×1095	1928	600	3074×143×135	22.9	115W
	120	2804×1194	2027	600	3308×143×135	24.5	115W
	130	3040×1293	2126	600	3546×143×135	26.4	115W
	140	3272×1393	2226	500	3762×143×135	28.3	250W

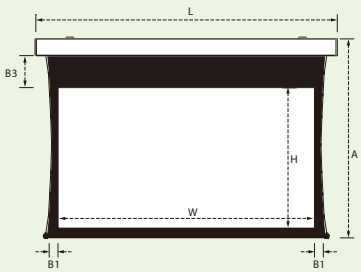
Cyber Integrated Tab-Tension Motorized Screen



Elegant Tab-Tension Motorized Screen(LF-Mxxx)

Ratio	Diagonal (Inch)	Viewing Area (WxH)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	Net Weight (kg)	Voltage (220V)
4:3	100	2032×1524	2183	400	2587×152×120	20.5	115W
	120	2438×1829	2488	400	2993×152×120	24.6	115W
	150	3048×2286	2969	400	3585×180×140	31.0	115W
16:9	80	1770× 995	1654	400	2325×152×120	17.4	115W
	92	2037×1143	1802	400	2587×152×120	22.1	115W
	100	2214×1245	1904	400	2769×152×120	20.5	115W
	106	2346×1320	1979	400	2901×152×120	21.5	115W
	120	2656×1494	2153	400	3211×152×120	24.3	115W
	133	2944×1656	2339	400	3474×180×140	31.0	115W
	150	3320×1867	2550	400	3857×180×140	45.1	250W

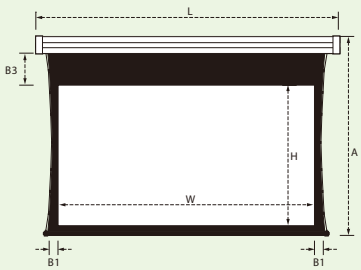
Fantasy Integrated Tab-Tension Motorized Screen



Recessed-Ceiling Tab-Tension Screen(LF-MICKxxx)

Ratio	Diagonal (Inch)	Viewing Area (WxH)	Retraction Height A	Top Black Border B3	Product Size (LxHxW)	Net Weight (kg)	Voltage (220V)
4:3	84	1707×1280	2228	665	2326×161×170	26.8	115W
	100	2032×1524	2227	420	2651×161×170	29.4	115W
	120	2438×1892	2512	400	3057×161×170	33.0	115W
	150	3048×2286	2950	400	3667×161×170	42.2	115W
16:9	77	1705× 958	2227	985	2324×161×170	26.4	115W
	80	1770× 996	2229	950	2390×161×170	27.0	115W
	92	2037×1146	2229	800	2656×161×170	29.0	115W
	100	2214×1245	2228	700	2833×161×170	30.5	115W
	106	2346×1320	2228	625	2966×161×170	31.6	115W
	120	2656×1494	2227	450	3276×161×170	34.2	115W
	133	2944×1656	2320	400	3563×161×170	39.0	115W
2.35:1	150	3320×1868	2532	400	3940×161×170	44.0	160W
	100	2340× 995	2233	955	2956×161×170	31.2	115W
	110	2570×1095	2232	855	3190×161×170	33.0	115W
	120	2804×1194	2231	755	3424×161×170	35.0	115W
	130	3040×1293	2231	655	3657×161×170	40.5	115W
	140	3272×1393	2230	555	3891×161×170	42.8	160W

Recessed-Ceiling Tab-Tension Screen



Remark: 1. Recessed-Ceiling series,under 120"size with double ornament border, 120" or above the size with single ornament border.
2. For Tab-Tension series,if recessed installation was necessary, ensure the oblong groove's Length,Height,Depth is separately 100mm, 60mm, 60mm more than the good's size. For Recessed Tab-Tension series, please ensure the oblong groove's Height is over 250mm while the Length and Depth is seperately 10mm less than the good's size, so the flap can cover up the groove perfectly.

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

Liberty GRANDVIEW

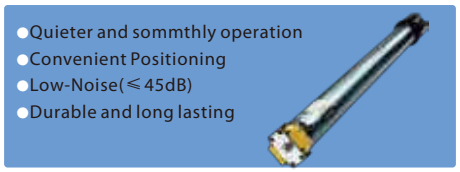
LARGE STAGE SERIES

PROJECTION SCREEN

Majestic Visual Experience

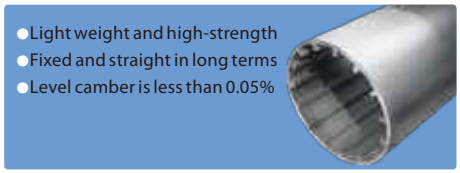
Grandview large stage motorized screen is wisely applied to venues such as the theatre halls, large performances, auditoriums, and etc. For the traditional large screens that are with fixed tension structure, they are strict in requirement of raw materials and workmanship cause the viewing area is usually very huge, and the surface tension is always insurmountability which makes the screen surface cannot remain flat.

Revolutionary Design



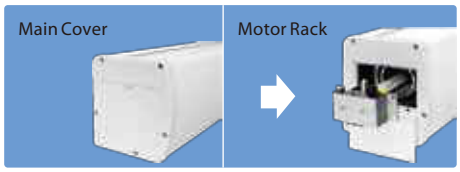
■ Large torsion tubular Motor

The screen will utilize the 80N large torsion tubular motor which is noiseless and convenient to fix and adjust.



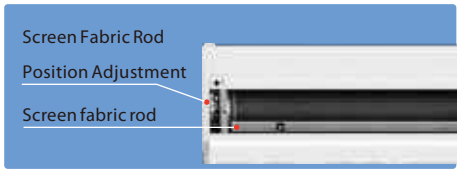
■ Extra large diameter and high-intensity aluminum alloy shaft

Extra large diameter diameter and high-intensity aluminum alloy shaft that level camber is less than 0.05%, it can remain fixed and straight within 10 meters span and the distortion caused by the suspended installation of the large shaft can be effectively relieved.



■ Extremely fast and convenient to change the motor

Simply open the main cover, remove the existing motor and insert the replacement. This design allows the screen to easily modified and have an extended product life cycle.



■ Screen flat adjustment system

The fabric V-shaped wrinkles and fabri static can be effectively eliminated by adjusting the fabric rod.

Liberty GRANDVIEW

LARGE STAGE SERIES

PROJECTION SCREEN

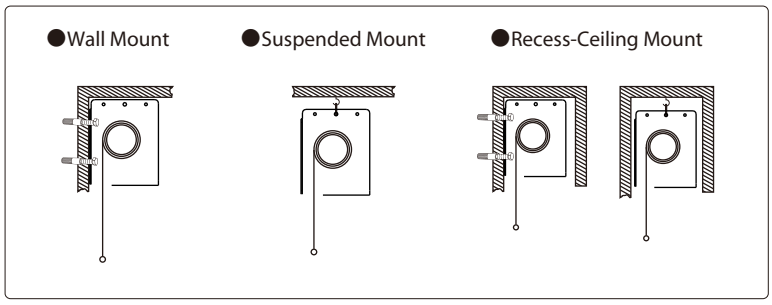
Large Stage Motorized Screen with Wooden Casing

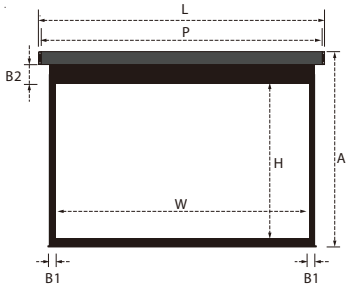
450″ ~500″

■ The metal brackets match with high-intensity adhesion wooden casing and penetrated screws, which ensures the safety of the suspended installation.

■ With high-strength aluminum alloy roller (250mm diameter)

Varied Installations





Specification

Ratio	Model	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)	Voltage (220V)	Suspended Installation Distance P
4:3	LS-M450	450	9145×6860	8035	600	9585×495×386	415	350W	9585
	LS-M500	500	10000×7500	8675	600	10440×495×386	465	450W	10440
16:9	LS-M400W	400	8855×4981	6156	600	9295×495×386	400	450W	9295
	LS-M450W	450	10000×5625	6800	600	10440×495×386	450	450W	10440
	LS-M500W	500	11070×6226	7401	600	11510×495×386	500	450W	11510

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Liberty GRANDVIEW

LARGE STAGE SERIES

PROJECTION SCREEN

Large Stage
Fantasy Motorized Screen

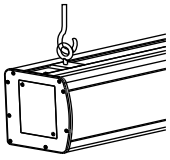
250″～400″

■ Utilize light and high-intensity aluminum alloy casing

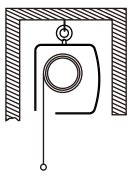
■ With utilizing a high-strength alloy aluminum roller(148 mm diameter)

Installation

●Suspended Mount



●Recess-Ceiling Mount



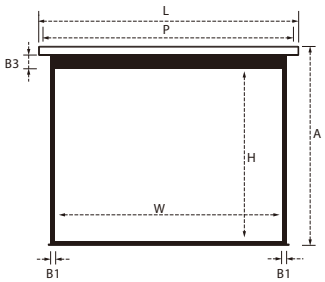
Control Options

● In-Line Switch

Standard control provides stable and suitable installationas

● Wireless Remote (optional)

The fabric adjustment and micro control can be achieved by controller. The remote distance is more than 25meters.



Specification

Ratio	Model	Size (Inch)	Viewing Size (W × H)	Retraction Height A	End Cap Model	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)	Voltage	Suspended Installation Distance P
4:3	LS-MA250	250	5080×3810	4724	MA	600	5470×234×219	125/160	270W	5000
	LS-MA300	300	6000×4500	5414	MA	600	6390×234×219	155/195	270W	6000
	LS-MB350	350	7112×5334	6347	MB	600	7537×332×279	265/310	270W	7447
	LS-MB400	400	8128×6096	7109	MB	600	8147×332×279	300/360	350W	8463
16:9	LS-MA250W	250	5535×3112	4027	MA	600	5925×234×219	137/170	270W	5500
	LS-MA300W	300	6641×3736	4650	MA	600	7031×234×219	170/220	270W	6500
	LS-MB350W	350	7748×4358	5371	MB	600	8173×332×279	280/335	350W	8083

Remark:

1.Large-Stage Screen's casing needs 200mm top installation distance, 300mm left repair space for motor replacement.

2.Standard side borders B1 and bottom border B2 are 80mm for model MA; StandardSide borders B1 and bottom border B2 are 50mm for model MB.

Liberty GRANDVIEW

LARGE STAGE SERIES

PROJECTION SCREEN

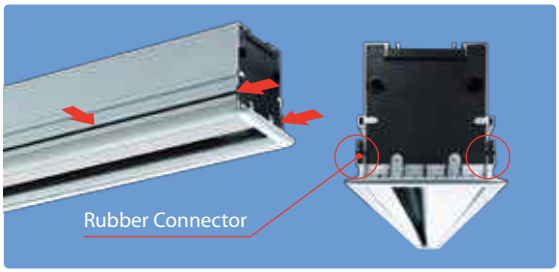
Large Stage
Recessed Ceiling Motorized Screen

300″～400″

■ With aluminum alloy casing box which can reduce the weight effectively.

■ With a 200mm diameter high-intensity roller.

■ With hidden design and fashion appearance, it makes the whole decoration more harmonious.



Unique patented technology

——'Separated Casing' patented technology design

This screen features the 'Separated Casing' patented technology that reduces noise. This helps to eliminate the common noise problem caused by the friction between the screen case and ceiling.

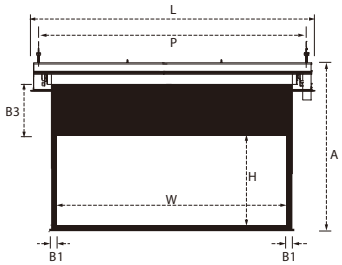
Control Options

● In-Line Switch

Standard control provides stable and suitable installationas

● Wireless Remote(optional)

The fabric adjustment and micro control can be achieved by controller. The remote distance is more than 25meters.



Specification (Large Stage Recessed Ceiling Motorized Screen)

Ratio	Model	Size (Inch)	Viewing Size (W × H)	Retraction Height A	Top Black Border B3	Product Size (L×H×W)	N.Weight (kg)	Voltage	Suspended Installation Distance P
4:3	LS-MRC350	350	7112×5334	6364	600	7760×350×326	265/310	350W	7600
	LS-MRC400	400	8128×6096	7126	600	8776×350×326	300/360	350W	8616
16:9	LS-MRC300W	300	6641×3734	4764	600	7289×350×326	345/270	350W	7129
	LS-MRC350W	350	7748×4356	5386	600	8396×350×326	280/340	350W	8236

Remark:

1.Large-Stage Screen's casing needs 200mm top installation distance, 300mm left repair space for motor replacement.

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Liberty GRANDVIEW

SKYSHOW SERIES

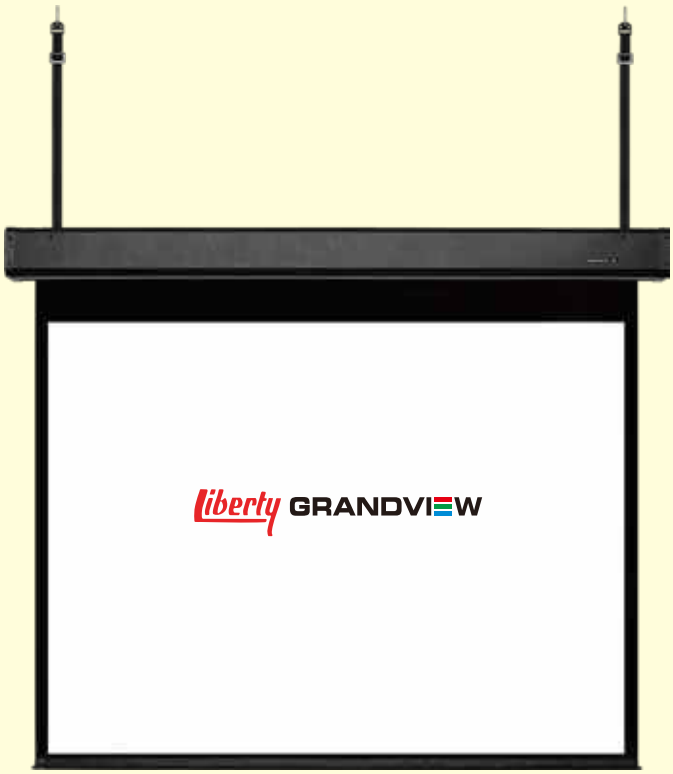
PROJECTION SCREEN

Solution for High Ceiling Installations

Grandview's Skyshow screen is the world's first large motorized with a built-in self-winding cable system. The Skyshow screen utilizes two heavy duty cables on a separate motorized system that gives it the ability to lower the screen to a maximum of 5 meters. The unique system is designed to be neatly hidden within the casing. At the touch of a button on the remote control, the screen will self adjust to same the desired distance and automatically unfold. When in operation, the casing is lowered and at the same time the screen also begins to lower, creating a theatrical feel. Based on a complex and innovative system, it is designed to be balanced, accurate in adjustment, and has numerous safety and security features.

SKYSHOW SERIES

PROJECTION SCREEN



Skyshow Model A with Canvas Safe-Belt

Global First, invented by Grandview

Projection Screen Solution for Extremely High Installations

Projection Screen with Self-Winding Cable System

Combining the Screen and the Self-Winding Cable System

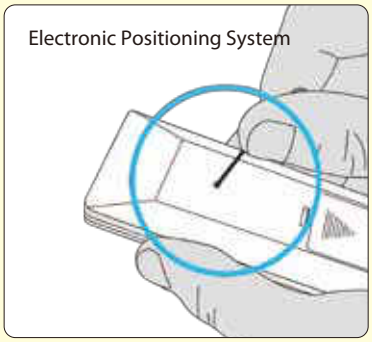
Three Level Safety Positioning System

1. Touch-Stop Security Device

The Touch-Stop safety design is set on the cable which can prevent damage to the screen and /or cable system.

2. Electronic Positioning System

Electronic Positioning System provides users to set the maximum and minimum range easily of the cable system. Preset the operation height of the screen via the remote control - it's accurate, fast, safe and reliable.

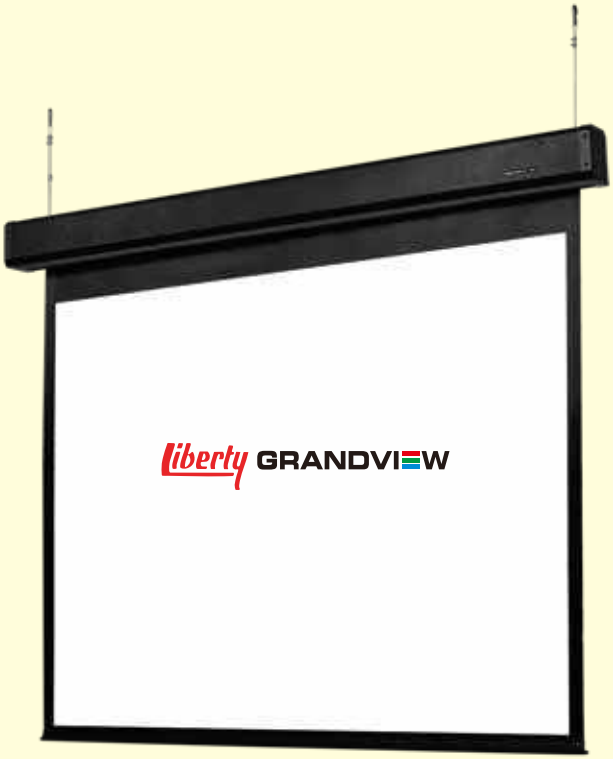


3. Motor Positioning

The factory setting (adjustable) of the max distance that the screen casing can be safely lowered is 5 meters.

SKYSHOW SERIES

PROJECTION SCREEN



Skyshow Model B with Tightwire

■ Anti-Dropping Mechanism

This mechanism is designed to prevent the winding cable being broken, a winding motor brake failure, unstable cable installation or a high-altitude fall.
This brake mechanism will hold the screen within 20cm in the event the screen falls abruptly like a screen seat belt.

Brake Mechanism

■ Anti-Collision System

The screen will cut off the electric power and stop when there is an obstacle in the retracting process, ensuring safety for the user and its surroundings. Power will be recovered after removing away the obstacle.

Touch-Stop Security Device for Model B Only

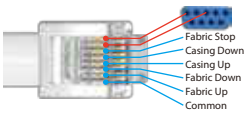
Multi-Control System

Full-Function Wireless Remote Controller

- Allows controlling the fabric and casing separately.
- Electronic Positioning System can be adjusted after programming

Media-Control

Various control options are allowed, include features like computer/ central control and Synchro Power Relay to operate both the projector and screen in sync.



Multi-Function Control Diagram

Standard Accessories

Wireless Remote Controller

Brake Mechanism x 2

Cable Box

Multimedia Connecting Line

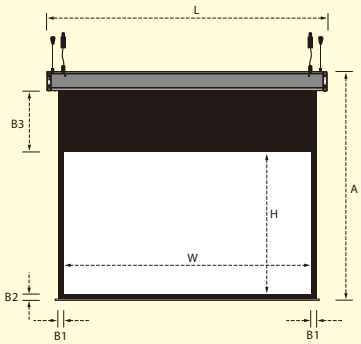
Optional Accessories

Wall Switch

Pluging right into the EXTCTRL slot on screen's integrated control interface, Manual Control is another extended controller for screen. This manual control does not integrate RS485 or USB connections.

Integrated Wall Switch

Integrating RS485 and USB connections, this adapter plugs right into the screen's integrated control interface. A central control via computer can control the operation of the screen and manual buttons are provided for convenience.



Specification

Ratio	Model	Size (Inch)	Viewing Size (W × H)	Retraction Height A	End Cap Model	Top Black Border B3	Product Size (L×H×W)	Needed Ceiling Space (L × H × W)	N.Weight (kg)	Voltage (220V)	Suspended Installation Distance P
4:3	SK-M100	100	2030×1520	1943	B	200	2649×173×133	2849×680×233	34.3 / 37.0	365W	2139
	SK-M120	120	2338×1775	2178	B	200	2957×173×133	3157×680×233	38.7 / 41.8	365W	2447
	SK-M150	150	3048×2286	2709	B	200	3667×173×133	3867×680×233	50.1 / 55.0	365W	3157
	SK-M180	180	3620×2715	3249	A	200	4243×254×168	4443×770×300	67.0 / 114	520W	3954
	SK-M200	200	4020×3015	3549	A	200	4623×254×168	4823×770×300	85.0 / 132	520W	4354
	SK-M240	240	4878×3660	4194	A	200	5501×254×168	5701×770×300	97.0 / 160	520W	5212
16:9	SK-M77W	77	1710× 958	1381	B	200	2329×173×133	2529×680×233	28.0 / 31.0	365W	1819
	SK-M80W	80	1771× 996	1419	B	200	2390×173×133	2590×680×233	29.1 / 32.0	365W	1880
	SK-M92W	92	2030×1145	1568	B	200	2649×173×133	2849×680×233	33.4 / 36.5	365W	2139
	SK-M100W	100	2214×1245	1668	B	200	2833×173×133	3033×680×233	36.3 / 40.0	365W	2323
	SK-M106W	106	2338×1320	1743	B	200	2957×173×133	3157×680×233	38.3 / 41.5	365W	2447
	SK-M120W	120	2656×1494	1917	B	200	3275×173×133	3475×680×233	43.7 / 47.0	365W	2765
	SK-M136W	136	3010×1693	2139	B	200	3667×173×133	3867×680×233	50.1 / 55.0	365W	3157
	SK-M150W	150	3320×1867	2401	A	200	3943×254×168	4143×770×300	60.0 / 106	520W	3654
	SK-M180W	180	3984×2240	2774	A	200	4607×254×168	4807×770×300	80.0 / 128	520W	4318
	SK-M200W	200	4426×2490	3025	A	200	4785×254×168	4985×770×300	90.0 / 152	520W	4762

Remark:

1.Screen with A End Cap Model,B1 and B2 black-drop are same as 80mm. Also, screen with B End Cap Model, B1 and B2 black-drop are same as 50mm.

Liberty GRANDVIEW

PORTABLE Series

Projection Screen

Motorized Floor-Up Series

The world's first Portable Motorized Floor-Up screen

Installation free and movable, to easily realize automated Portable projection screen, can satisfy moblie display or installation free circumstance.

Anti-Clamping Mechanism

Appearance aside, this screen also offers the safety and usability features expected from a Grandview Screen. For example, and integrated anti-clamping mechanism prevents injury or damage to the screen when an object interferes with the screen during its operation.

Inbuilt Tool Box

A built-in tool box contains all the necessary accessories such as a remote control, power cord, and infrared extension receiver.

Motor System

The low noise durable motor allows the dual diamond-shaped structure to rise. The design of the dual diamond-shaped supports working in perfect sync with the motor's power distribution created a balanced and sturdy support for the screen.With this synced system, ithelps prevent any folding creasing or twisting of the screen when use.

Control Options

- Infrared Remoted Control
  The fabric adjustment and micro control can be achieved by controller, the remote distance is 8 meters.
- External Infrared Sensor
  Infrared receiver increases the remote range of motorized screens.
- Mannual Cycle-Switch

Liberty GRANDVIEW

PORTABLE Series

Projection Screen

Portable Pull-Up Series

Three Designs More Safety Higher Portability

■ Intelligent Interlock

The design of the intelligent interlock ensures the screen is fully secure during use and transportation. When the support bar is lifted, the case will be automatically unlocked and allowing the screen to be pulled up. When the screen is retracted back in the casing and the support bar is down, the case will automatically be locked. This innovative safety feature is easy to use and standard for all size.

■ Hang with lock structure

The top cap with handle is a hang with lock structure, the screen can be easily pull up and take down with it, as a hang part set close to the support bar while pulling up, will be locked with the casing as the screen has been taken back.

Grandview Patented Design

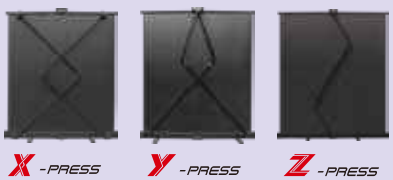
Hang with Lock Structure

Patented No.: ZL200810219598.8

■ Level Adjustment Knob

During use, two support legs which are otherwise hidden conveniently slide out from under the casing. The support legs come with height adjustable floor stands for use on uneven surfaces. For additional vertical stability, the support bar comes with an additional height adjustable floor stand.

Portable Self-Stand Series



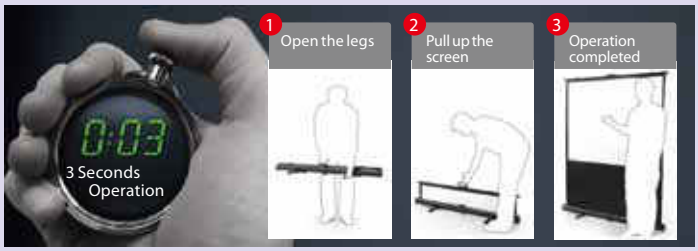
Lighter and Faster Than Ever

Grandview's X-press series pull-up screen uses patented technology that allows it to be setup and taken down with minimal time and effort.

■ The lightest compare with similar product, 70 inches only 7kg.

■ Single button locking mechanism easy to carry and operate, fully pull up only in 3 seconds.

■ The self-supported arms allows any screen position to be set.



Grandview product

Theself-supportedarmsofGrandview'sCyberX-Press series screens are specially designed to sustain pressure from any angle, thus allowing the screen to extend and retract freely without limitations.

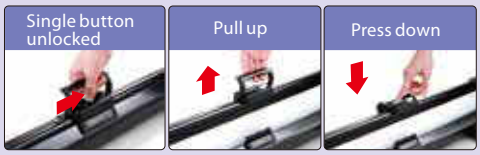
Othes Product

The supported arm has a stress limitation couldcausethescreentobesuddenlycollapsed while the screen is retacting back.

Grandview Patented Design

Single button locking mechanism

Patented No.: ZL200810219783.7



Liberty GRANDVIEW

PORTABLE Series

Projection Screen

U-Work Series

The perfect solution for table-top projector display

As the portable LED projector and mobile phones with projection capabilities are gaining popularity, the U-Work screen offers an excellent viewing experience compared to the traditional laptop and brings customers a better viewing experience for portable business. The latest design of the U-Work screen with the self-stand base foot allows the screen to be stopped at any desired position.

- Extreme portability - the 40"U-Work screen only weighs 1.3KG.
- One button locking mechanism allows the screen to be unlocked automatically when turning out the base foot.
- Using the self-standing arm, the screen can be stopped at any desired position.

U-work A
40"~60"

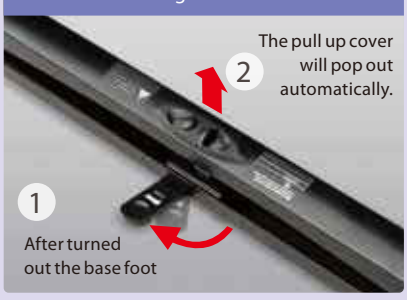
U-work B
25"~40"

One button locking mechanism Model A

Extreme Portability

The 40"U-Work screen only weighs 1.3KG

One button locking mechanism Model B



Self-Standing Arm

Liberty GRANDVIEW

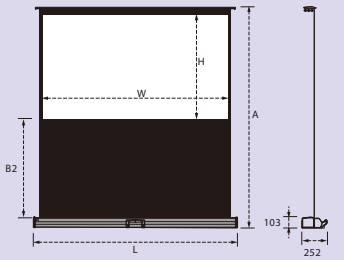
PORTABLE Series

Projection Screen

Specification

Motorized Floor-Up Series (CB-UMxxx)

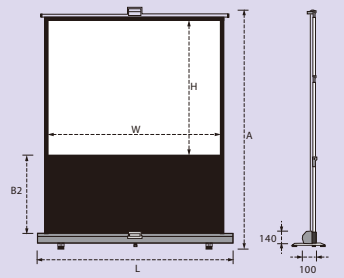
Ratio	Diagonal (Inch)	Viewing Area (W×H)	Retraction Height A	Top Black Border B2	Product Size (L×H×W)	N. Weight (kg)	Power
4:3	70	1422×1067	1770	550	1611×103×252	16.5	115W
	80	1625×1220	1970	700	1814×103×252	19.3	115W
	100	2030×1524	2275	700	2219×103×252	24.2	115W
16:9	70	1550×871	1721	800	1739×103×252	18.8	115W
	80	1771×996	1946	800	1960×103×252	21.4	115W
	92	2030×1145	1995	700	2219×103×252	23.9	115W



Front View Side View

Portable Pull-Up Series(CB-Uxxx)

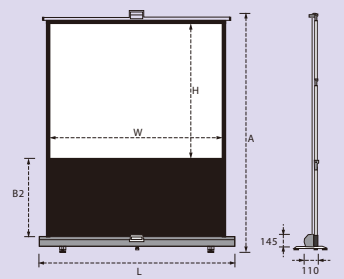
Ratio	Diagonal (Inch)	Viewing Area (W×H)	Retraction Height A	Top Black Border B2	Product Size (L×H×W)	N. Weight (kg)
4:3	60	1220×914	1789	695	1380×140×100	4.6
	70	1422×1067	2047	800	1582×140×100	5.2
	72	1463×1097	1957	680	1623×140×100	5.3
	80	1625×1220	2100	700	1785×140×100	6.0
	84	1707×1280	2260	800	1867×140×100	6.2
	100	2030×1520	2390	690	2190×140×100	7.2
16:9	60	1328×747	1665	738	1488×140×100	4.7
	70	1550×871	1899	848	1710×140×100	5.4
	80	1770×995	2193	1018	1930×140×100	6.1
	84	1860×1045	2143	918	2020×140×100	6.3
	92	2030×1145	2145	820	2190×140×100	6.8



Front View Side View

Portable Self-Stand Series (CB-UXxxx / CB-UYxxx / CB-UZxxx)

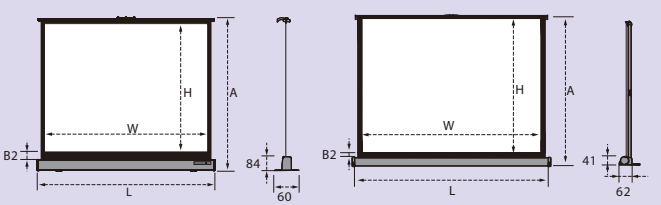
Ratio	Diagonal (Inch)	Viewing Area (W×H)	Retraction Height A	Top Black Border B2	Product Size (L×H×W)	N. Weight (kg)
4:3	60	1220×914	1789	800	1380×145×110	6.5
	70	1422×1067	2047	800	1582×145×110	7.4
	72	1463×1097	1957	800	1623×145×110	7.5
	80	1625×1220	2100	800	1785×145×110	8.2
	84	1707×1280	2260	800	1867×145×110	8.4
	100	2030×1520	2390	800	2190×145×110	9.9
16:9	60	1328×747	1665	800	1488×145×110	7.0
	70	1550×871	1899	800	1710×145×110	7.8
	80	1770×995	2193	800	1930×145×110	8.5
	84	1860×1045	2143	800	2020×145×110	8.7
	92	2030×1145	2145	800	2190×145×110	9.2



Front View Side View

U-Work Series (PT-Uxxx)

Ratio	Diagonal (Inch)	Viewing Area (W×H)	End Cap	L	Down Black Border B2	Retraction Height A	N. Weight (kg)
4:3	25	508 x 381	B	626	20	414	0.85
	32	650 x 488	B	742	20	566	1.08
	40	813 x 610	B	905	20	688	1.30
	50	1016x 762	A	1124	200	900	2.80
	60	1219x 914	A	1327	200	1080	3.20



Front View(Model A) Side View Front View(Model B) Side View

SUPER MOBILE Series

Projection Screen

Fast Fold Screen

Ideal for Movable Presentation

- The screen is convenient to sturdy and easy to carry, benefited from its professionally designed aluminum alloy frame and the solid conrner design by helping increase the rigidity of the overall structure.
- Only 10 minutes is needed to extend or fold a screen even is 200" size
- Fixing by multiple points on each frame bar, it ensures the screen to be installed flat and winkle-free, also the innovative fold-and-lock mechanism helps making setup and take down easy
- With standard flight case option, the screen is easy to

Professional Viewing Quality

The screen is fixed by multiple points on each frame bar. This ensures the screen will be installed flat and wrinkle-free.

Innovative Design

The innovative fold-and-lock mechanism helps making setup and takedown easy. It also ensures the frame is firm and secure during use. The solid corner design adds safety by helping increase the rigidity of the overall structure.

Practical, Durable and Portable

The professionally designed frame is sturdy yet light and easy to transport. All pieces including the frame, support and screen fabric are designed to fit into one case which greatly saves space for transportation.

Liberty GRANDVIEW

SUPER MOBILE Series

Projection Screen

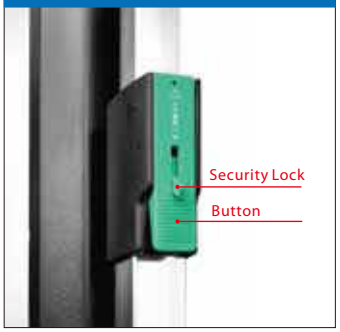
Tripod Series

Tripod Classic Screen

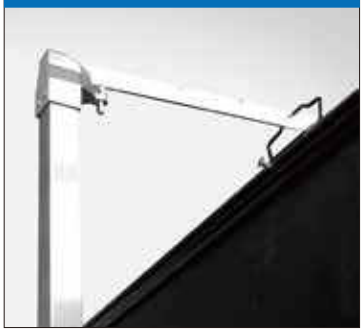
■ Pressured Safety Suspension

The stand features a pneumatic pressured suspension which allows the user to smoothly lift the screen with minimal efforts. When in use, the pneumatic pressured suspension will ensure the screen remains suspended even in cases where the close button is accidentally engaged. This feature prevents any accidental retractions and puts the user in full control.

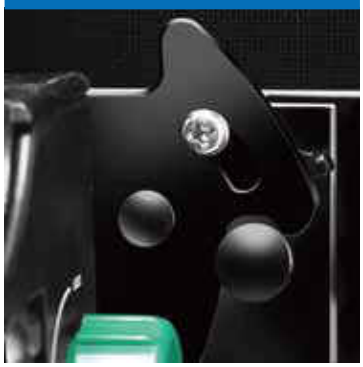
Double-Locking Safety Mechannism



Keystone Adjustment



Casing Level Adjustment



Soft Rubber Handle

- Double-Locking Safety Mechanism
- Keystone Adjustment
- Soft Rubber Handle

AV-VISION EQUIPMENTS (INDIA) PVT. LTD.

Liberty GRANDVIEW

SUPER MOBILE Series

Projection Screen

Tripod Charming Screen

- Advanced Self-Lock
- Base Support Lock
- Keystone Adjustment & Casing Level Adjustment
- Soft Rubber Handle

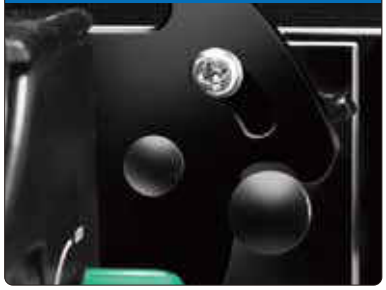
Advanced Self-Lock

Slide Retainers

Base Support Lock

Keystone Adjustment

Casing Level Adjustment



Soft Rubber Handle

SUPER MOBILE Series

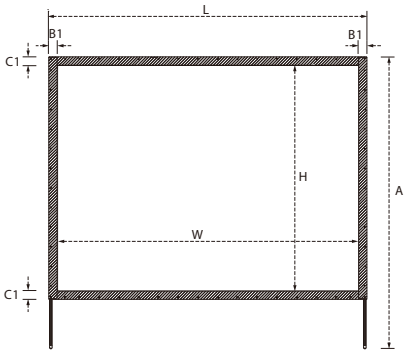
Projection Screen

Specification

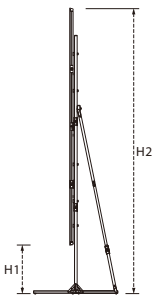
Ideal for Movable Presentation

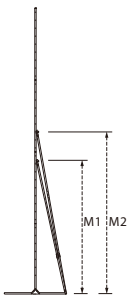
Ratio	Diagonal (Inch)	Viewing Area (W×H)	L	A	B1	C1	H1 (MAX/MIN)	H2 (MAX/MIN)	M (MAX/MIN)	Product Size (L×H×W)	N. Weight (kg)
4:3	100	2032×1524	2202	2886	85	85	705 / 250	2400 / 2280	1350 / 690	1008×331×336	25
	120	2348×1828	2528	3416	90	90	950 / 203	2960 / 2700	2000 / 1187	1158×331×336	27
	150	3048×2286	3258	4207	104	104	1095 / 183	3590 / 3188	2260 / 1600	1393×331×336	30
	180	3658×2743	3858	4153	100	100	1280 / 221	4153 / 4024	2296 / 1680	1390×510×410	33
	200	4046×3048	4226	4313	91	91	1056 / 221	4313 / 4204	2296 / 1680	1390×510×410	34
	250	5080×3180	5300	5569	110	110	1505 / 515	5511 / 5286	2813 / 2153	1685×535×500	52
	300	6095×4574	6325	6730	114	114	1717 / 527	6495 / 6126	3408 / 2558	1670×470×650	67

Ideal for Movable Presentation

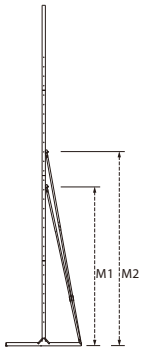


Front View



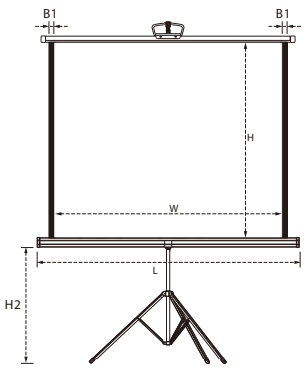


Side View



Tripod Screen

Ratio	Diagonal (Inch)	Viewing Area (W×H)	A	B1	H2	Product Size (L×H×W)	N. Weight (kg)
Tripod Classic Screen (PT-LAxxx)							
4:3	100	2030 x 1524	2900	40	⩾800	2400×210×130	15.3
	120	2334 x 1765	3200	50	⩾800	2704×210×130	17.2
1:1	84x84	2030 x 2030	2900	40	⩾800	2400×210×130	15.7
	96x96	2334 x 2334	3200	50	⩾800	2704×210×130	17.5
Tripod Charming Screen (PT-Hxxx)							
4:3	100	2030 x 1520	2550	40	⩾800	2400×210×120	9.8
1:1	60x60	1520 x 1520	2550	30	⩾800	1910×210×120	8.1
	70x70	1720 x 1720	2750	30	⩾800	2110×210×120	9.1
	84x84	2030 x 2030	3000	40	⩾800	2440×210×120	10.3



Front View

Side View

Liberty GRANDVIEW

PROJECTOR LIFT Series

GPCK Series

Recessed-Ceiling Motorized Projector Lift

Perfect Recessed & Easy Operation

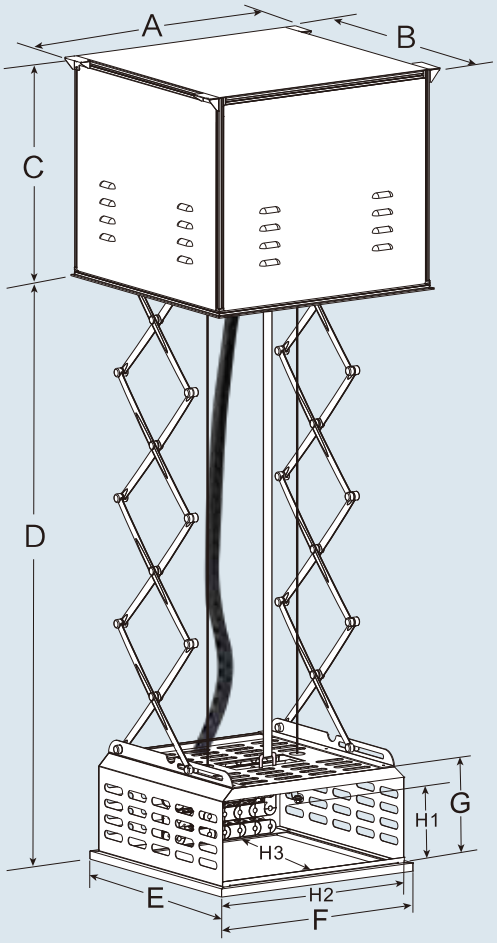
With engineering aesthetics design, GPCK Recessed-Ceiling Motorized Projector Lift can integrating into indoor decoration perfectly.

GPCK-MA Series

Recessed Ceiling
Motorized Projector Lift (Sealed in)

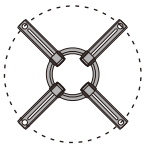
GPCK-MA1600
GPCK-MA1600L
GPCK-MA2700
GPCK-MA2700L
GPCK-MA4600L

- Maximum Weight Capacity: 15Kg
- Power: 170W
- Voltage: 220V/50Hz
- Wireless FM: 868MHz

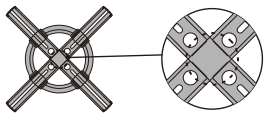


Scope for installation (Installation hole of projector)

Installation bracket



Maximum diameter: 345mm



Minimum diameter: 45mm

Note:Connect the installation arms to the projector conversely for different installation holes of projectors.

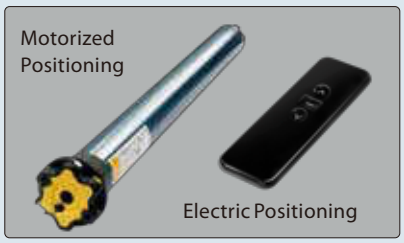
Liberty GRANDVIEW

PROJECTOR LIFT Series

GPCK-MA Series 8 Features

1 Dual Positioning System

Dual Positioning System provides safety and convenience to users. The safety positioning of motor is setby factory, and the height of stopping can be adjusted automatically by electric positioning.



2 Automatic Balancing Mechanism

Automatic Balancing Mechanism ensures the dragline and suspending cage vertically when extending or retracting, avoid any digression or noise caused by the slant of the dragline.

3 Brake Mechanism

The Brake Mechanism is designed when the dragline is broken, the motor brake is out of control or the steel cable loose accidentally, the safety device will operate automatically and prevent the falling of case and improve the security in high-ceiling condition.

4 High-Strength Aluminum Linkage

High-Strength Aluminum Linkage is die-casing and with excellent texture, high-strength and rustproof, very light and it can reduce the lift-weight and keep the balance.

5 Complete Protection

Complete Protection prevents the projection equipment against the impact of external environment and avoid the leakage of the cool air.

6 Ornament Baffle

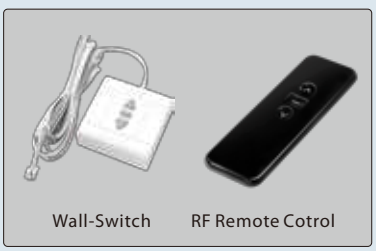
Ornament Baffle matches perfectly with dfferent types of ceiling, when extending the case, it may comletely cover the hatch that occurs.

7 Cable Management

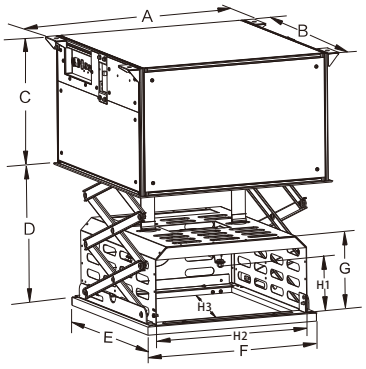
Cable Management which is allocated for the users to put power cord, VGA, RGB or HDMI cables insde, easily bend and stretch customized size are available.

8 Multi-Control Systems

Multi-Control Systems are available (RF Remote Cotrol, RS232/485, Wall-Switch)



Liberty GRANDVIEW PROJECTOR LIFT Series

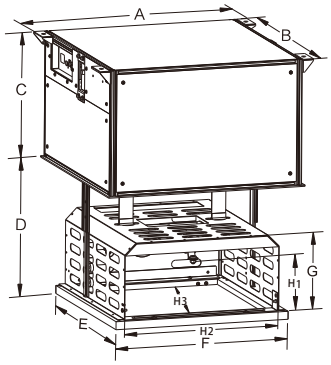


GPCK-MB(B) Series

Small Recessed-Ceiling Series
Motorized Projector Lift

GPCK-MB1000B

*Double Positioning
*Automatic Balancing Mechanism
*High-Strength Aluminum Linkage
*Completed Protection
*Ornament Baffle
*Cable Management
*Varied Control
*Maximum Weight Capacity: 12kg

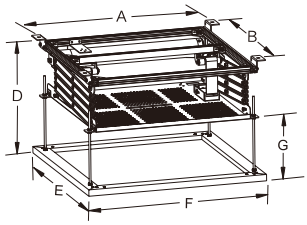


GPCK-MC Series

Small Recessed-Ceiling Series
Motorized Projector Lift

GPCK-MC250

*Double Positioning
*Automatic Balancing Mechanism
*High-Strength Aluminum Rail
*Completed Protection
*Ornament Baffle
*Cable Management
*Varied Control
*Maximum Weight Capacity: 12kg



GPCK-MD Series

Recessed-Ceiling Series
Motorized Projector Lift

GPCK-MD500
GPCK-MD1000
GPCK-MD2000
GPCK-MD3000
GPCK-MD4000

*Automatic Balancing Mechanism
*Completed Protection
*Ornament Baffle
*Cable Management
*Varied Control
*Maximum Weight Capacity: 15kg

Standard Accessories

* FM wireless transmitter
* Built-in VGA, Video wire

GPCK series specification

Model	Dimension							Suitable projector sizes		
	A	B	C	D	E	F	G	H1	H2	H3
GPCK-MA1600	704	670	600	0~1600	586	586	250	180	530	470
GPCK-MA1600L	704	770	600	0~1600	686	586	270	200	530	570
GPCK-MA2700	704	670	685	0~2700	586	586	250	180	530	470
GPCK-MA2700L	704	770	685	0~2700	686	586	270	200	530	570
GPCK-MA4600L	744	744	800	0~4600	686	686	270	200	630	570
GPCK-MB1000B	600	550	345	0~1000	483	483	200	147	400	400
GPCK-MC250	600	550	345	0~250	483	483	200	147	400	400
GPCK-MD500	580	490	-----	170~670	595	610	10~200			
GPCK-MD1000	580	490	-----	225~1225	595	610	10~200			
GPCK-MD2000	580	490	-----	340~2340	595	610	10~200			
GPCK-MD3000	580	490	-----	440~3440	595	610	10~200			
GPCK-MD4000	580	490	-----	555~4555	595	610	10~200			

Limitation between Ceiling and beam should be larger than the minimum of C+D

GPCM Series
Projector Ceiling Mount

GPCM-D3040
GPCM-D4060

GPCM-E3540
GPCM-E4560

GPCM-F400

*Applicable distance of projector holes:
Model D: 40~310mm
Model E: 45~345mm
Model F: 50~365mm
*The length of mounting bracket:
300~400mm (GPCM-D3040)
400~600mm (GPCM-D4060)
350~400mm (GPCM-E3540)
450~600mm (GPCM-E4560)
504~684mm (GPCM-F400)
*Maximum weight: 20Kg

Features:
*Wires collection
*Adjustable main bar
*Horizontal angle: ±8°
*Vertical angle: ±15°
*Horizontal rotation adjustment: 360° (Only for Model E)

GPCN Series
Projector Ceiling Mount

GPCN-D200
GPCN-D3040
GPCN-D4060

GPCN-E200
GPCN-E3540
GPCN-E4560

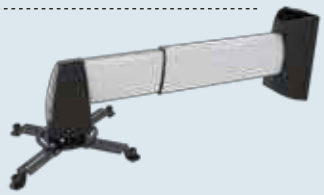
*Applicable distance of projector holes:
Model D: 40~310mm
Model E: 45~345mm
*The length of mounting bracket:
(D Model is the same with E Model)
250mm (GPCM-D200)
350~400mm (GPCN-D3540)
450~600mm (GPCN-D4560)
*Maximum weight: 10Kg

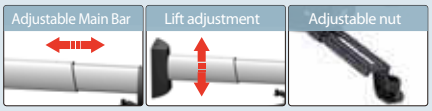
Features:
*Suitable for ceiling sloped angle less than 15°
*Wires collection
*Adjustable main bar (except for GPCN-E200)
*Horizontal angle: ±8°
*Vertical angle: ±15°
*Horizontal rotation adjustment: 360° (Only for Model E)

GPCP Series
Projector Wall Mount

GPCP-D4060
GPCP-D6090
GPCP-D90150

GPCP-E4060
GPCP-E6090
GPCP-E90150



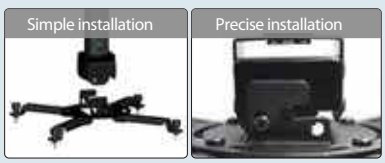


*The length of mounting bracket:
(Model D is the same with Model E)
420~600mm (GPCP-D4060)
620~900mm (GPCP-D6090)
920~1500mm (GPCP-D90150)
*Maximum weight:
(Model D is the same with Model E)
20Kg (GPCP-D4060)
20Kg (GPCP-D6090)
15Kg (GPCP-D90150)

*Applicable distance of projector holes:
Model D: 40~310mm
Model E: 45~345mm

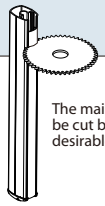
Features:
*Suitable for ceiling sloped angle less than 15°
*Wires collection
*Adjustable main bar (except for GPCN-E200)
*Horizontal angle: ±8°
*Vertical angle: ±15°
*Horizontal rotation adjustment: 360° (Only for Model E)

Model D Mounting Bracket

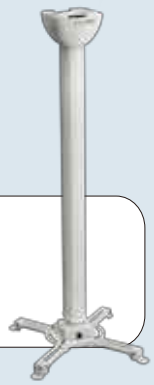


GPCQ Series
Projector Mounting Bracket

GPCQ-F680

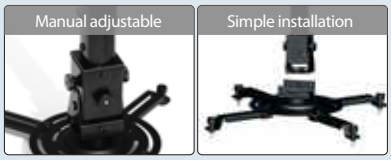


The main bar can be cut by user into desirable height.

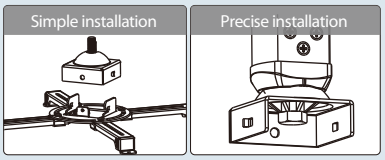


Model E Mounting Bracket

Horizontal rotation adjustment: 360°



Model F Mounting Bracket



GPCM-B Series

Projector Ceiling MountProjector Ceiling Mount
GPCM-B200
GPCM-B300
GPCM-B400

*Applicable distance of projector holes:
Length≤280mm,
Width≤255mm

*The length of mounting bracket:
200/300/400mm

*Maximum weight: 25Kg

Features:
*Wires collection
*Adjustable main bar
*Adjustable angle:
Front and back direction:
forward 30°, backward 3°
Left and right direction: 3°
*Horizontal rotation adjustment: 360°

GPCM-C Series

Projector Ceiling MountProjector Ceiling Mount
GPCM-C200
GPCM-C300
GPCM-C400

*Applicable distance of projector holes:
1. Length≤205mm,
Width≤160mm.
2. With omnipoten arm can extend to:
Length≤205mm,
Width≤255mm

*The length of mounting bracket:
200/300/400mm

*Maximum weight: 25Kg

Features:
*Wires collection
*Adjustable main bar
*Adjustable angle:
Front and back direction:
forward 30°, backward 3°
Left and right direction: 3°
*Horizontal rotation adjustment: 360°

AV-VISION
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Fabric Collection

Matte White Fabric

Grandview offers different types of fabric that each have their own features and specifications. Grandview's matte white fabric is composed of 4 different layers including a sheet of weaved fiberglass which helps stop static eletricity and most importantly prevent the loss of the light, making it compatible with virtually every projector. Grandview screen fabrics are designed to be fire, water and mold resistant and can be cleaned if necessary. The outside surface of the matte white screen has microdots that are made with PVC technology that helps with creating the best possible reflection. New advances in screen technology help keeping our matte white screens flat and retain its shape and effectiveness over longer periods of time.

To cater to customers of all install environments, Grandview offers a light grey material which features a lower 0.8 gain and a viewing angle of 140 degrees. This material will help enhance contrast levels for applications where the focus is less on gain levels and more on contrast.

Fabric Features

Last-long Flatness

With four layer structure including Fiberglass, Stretchness less than 1% which ensures the last-long flatness.

Sophisticated Images

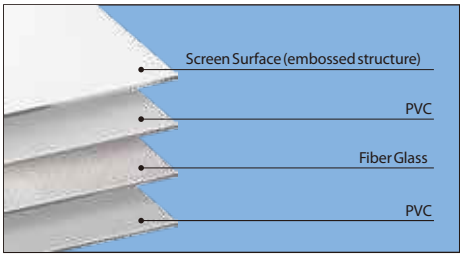
Engraved with optical microgroove on the surface, with resolution more than 125 line pairs per mm, which ensures the sharpness of the projected images.

Color Accuracy

The reflection light are evenly distributed with less than 60K difference between incident angle and reflection angle.

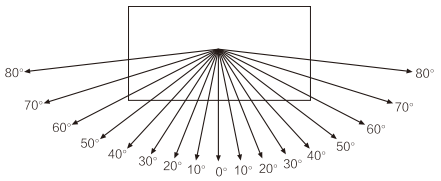
Wide Color Range

With high contrast processment, while maintaing the color accuracy and color range is widely presented to provided a more vivid image.



The weaved fiberglass layer of the fabric is used as a backing or backbone of the entire screen structure. With this layer, Grandview's Matte White fabric have a stretching rate of less than 1% and a much longer life span than ordinary material. The fiberglass backing will not cause any wrinkling or waves due to changes in temperature, humidity or drag forces.

Matte White Fabric Viewing Angle range 160°

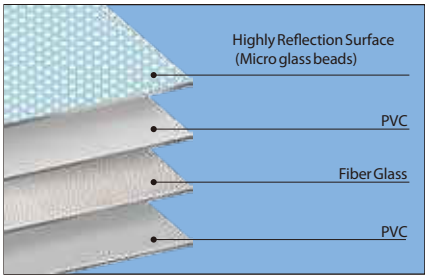


Liberty GRANDVIEW

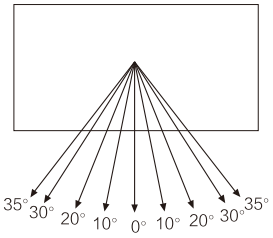
Fabric Collection

Glass-Bead Fabric

Grandview glass-beaded screens feature a composite structure that is composed of four layers. It features a backing that is made of fiberglass and is covered with a dual layer PVC material. The surface is covered with micro glass beads with diameters ranging from 0.12mm to 0.15mm. The glass-beaded furface is highly reflective providing users with a reflection that is high in brightness. With a narrow high reflection angle, the gain can be up to 2.5 times or projector's output.

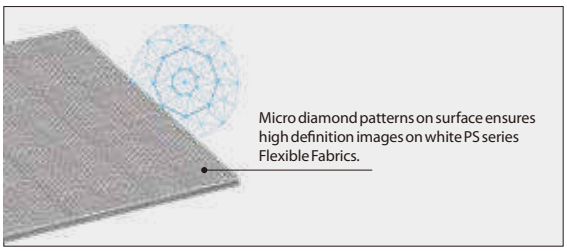


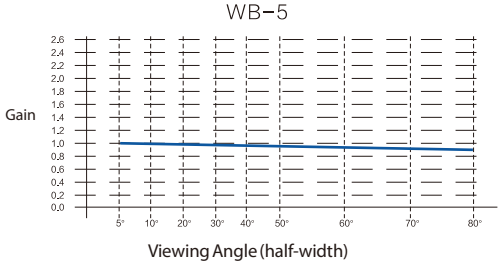
Glass-Beaded Fabric Viewing Angle range 70°



PS Series Flexible Fabrics

The PS series flexible fabtrics are make of a specially designed PVC material. The surface features microgrooves that help eliminate light ripples and reduce glare. The PS series is avaialbe in white, high contrast grey, high definition(HD) white and rear projection surfaces. These fabrics feature rich color and high contrast imagery, perfect for high quality wide angle viewing purposes.

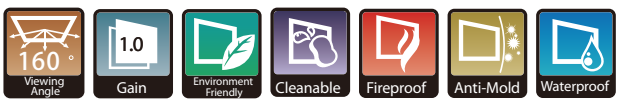




Front Projection PS series Flexible Fabric

PS series White Fabric WW-3

Featuring a non-translucent back layer WW-3 fabric prevents light to penetrate through the screen. As this prevents any loss in picture quality and maintains the image is as accurate as its prjection, the fabric is used on numerous screen models. The ultra wide 160 degree viewing angle allows viewers to enjoy perfect images within the range.



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Liberty GRANDVIEW

Fabric Collection

PS series High Definition (HD) White Fabric WB-5

The WB-5 fabric has a similar base features as the WW-3 fabric but features a unique layer of specially designed micro diamond patterns on the surface. This unique features is designed to enhance picture quality and color while reducing any glare and imperfections. Designed with the ablility to reflect the most vivid and clear high resolution images, this fabric will bring out the best in all high definition feeds.

PS series Grey Fabric GG-3

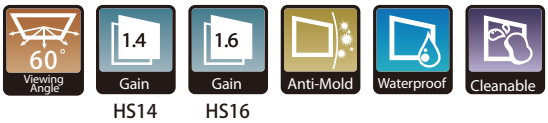
When compared to WW-3 fabric, the GG-3 fabric has a special compound material that fearures more smooth surface which can effectively compensate for dark colors (e.g. black and grey color). This design is purposely to reduce color gains but to improve high contrast and color richness for higher quality vivid images. When paired with a high lumen or high contrast DLP or LCD projector, viewers will experience images that have the best contrast levels brought out.

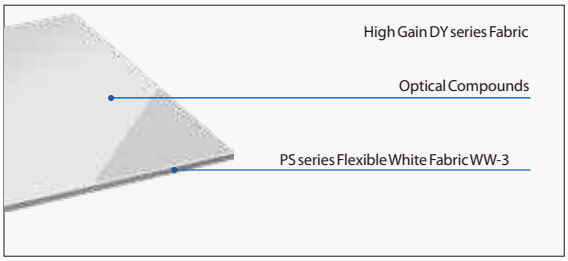
Rear Projection PS series Flexible fabric RE-3

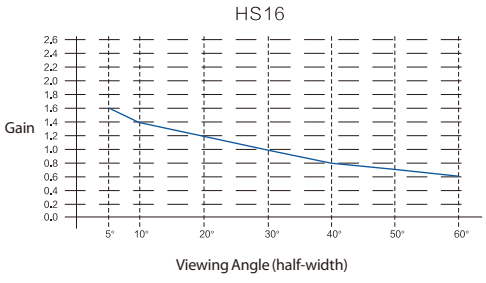
The RE-3 fabric can be used on may different applications. It's constructed of materials that allow it to have a high level of transparency. If features high contrast images while having a high resistance to ambient light. The smooth surface ensures a flat picture that is realistic yet brilliant in color richness. The flexible nature of the screen allows it to be easy foldable and stored. Portable and Frame screens utilize the best benefits of the RE-3.

High Gain DY series Fabric

Base on coating a special optical compounds on the projection surface of WW-3 fabric







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Perforated Fabric Series

Fabric Collection

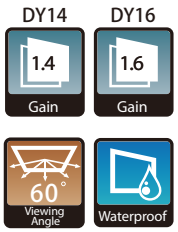
High Gain DY perforated fabric series

Gain: DY14(AT):1.4 DY16(AT):1.6

Sound attenuation: The difference in sound attenuation between 8kHz&12.5kHz and 500Hz is less than 1dB and 1.5dB.

Color rendition: As a pure white background feature, the different color temperature between reflected light and incident ligh is under 60K. It can completely avoid a dark image.

High Gain DY fabric series

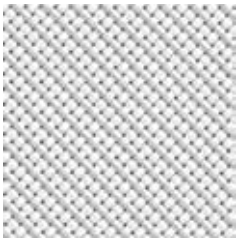


Perforated Weave Fabric AT-6

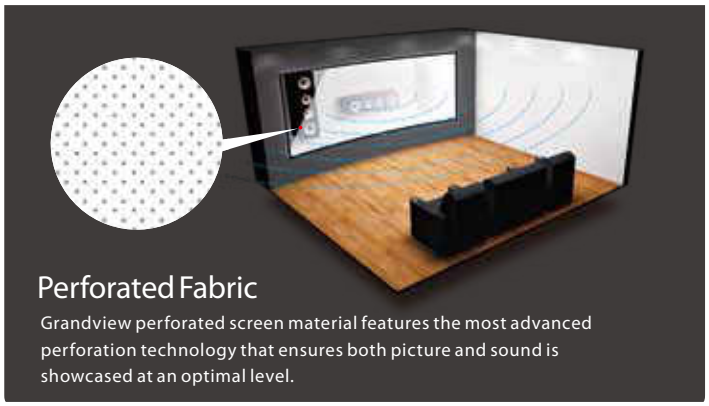
Fabric Width: 1.7m

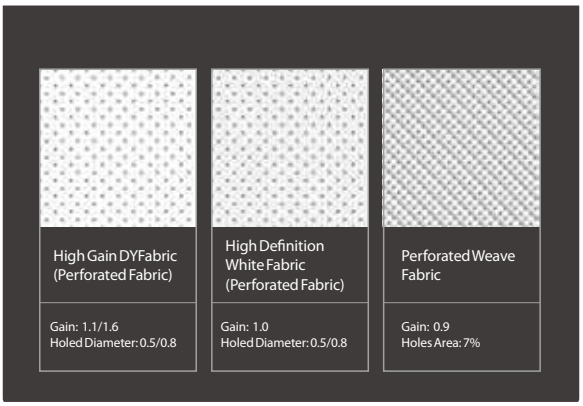
Gain: 0.9

Perforated Area:7%



Perforated Weave Fabric





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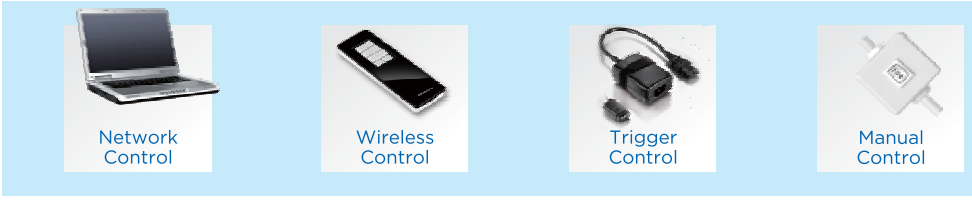
Liberty GRANDVIEW®

Control System



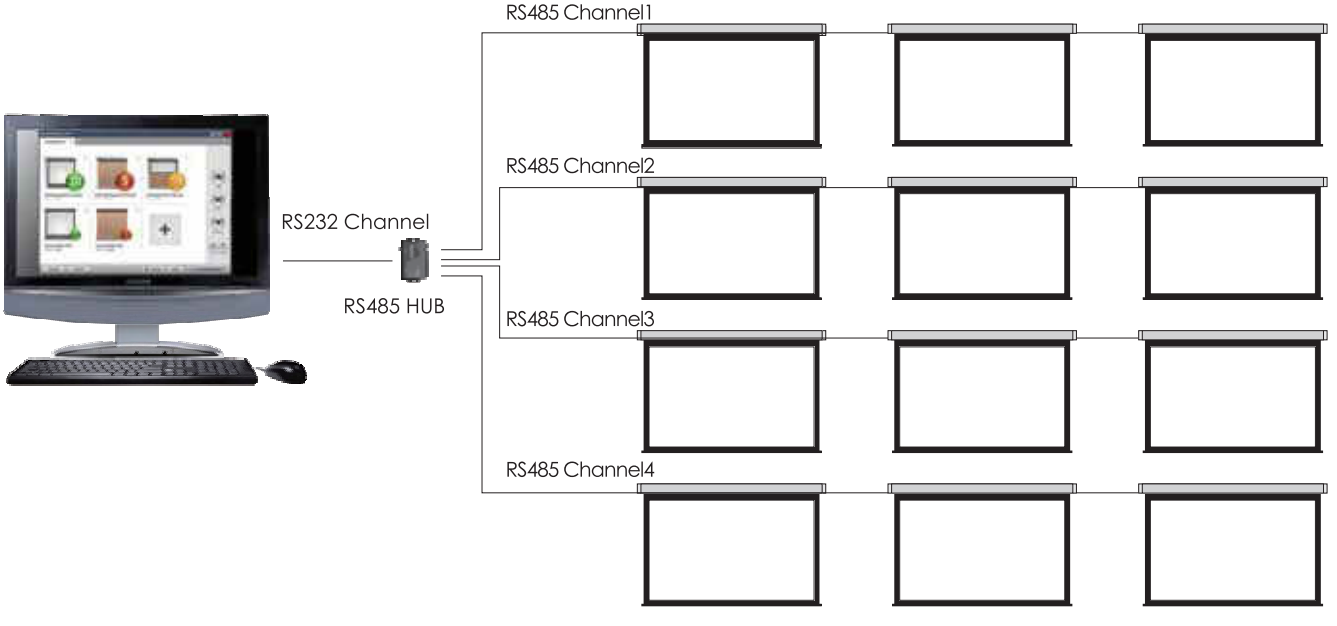
Network Control

Grandview's control software is easy to use and can connect multiple projection screen with various systems. It is designed to be user-friendly, easy to install, and compatible with a wide range of control options and software making it ideal for multi-media conference rooms, classrooms, conference centers, and ete. All of Grandview's integrated screens made in 2011 include this feature.

- Easy to Install : User simply needs to download the control software to the computer anc connect to the screen via a network cable.
- Highly Efficient : The software can automatically search for connected screens and organize them in groups or the use can set the code for each screen to define controlling a single or multiple screens.
- Wide Range : The longest range of control possible is up to 1200 meters.

Control Interface

1. More templates for different applications.
2. Users can monitor the status of single or combined screens in specific applications.
3. Users can add configured screens to a desired area : It can be a single or multiple screens.
4. Users can re-group single or grouped screens (by pressing "Group")
5. Users can manually delete screens from inside a desired area (by pressing "Delete")
6. Users can control the indicated screen or grouped screens in the desired area to up, stop, down or micro-adjust.
7. Users can received detailed information in a desired area.
8. Press the "Setting" button to configure the System Setting, Preference Setting and Code Setting.
9. Press the "Help" button for help and to determine the version of the system.



Liberty GRANDVIEW®

Control System

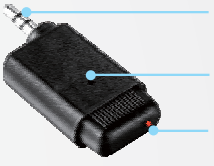
RF to IR Converting System (FM868MHz)

RF to IR Converter Set
(868M-2R)

Wireless Remote Controller

RF-IR Converter

Plug in the RF-IR Converter into the external slot in the motorized screen.



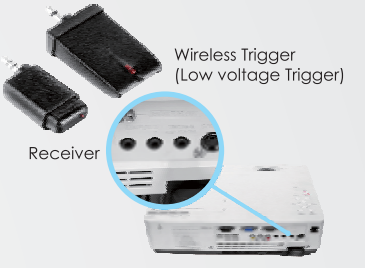
This product is compatible with IR controlled motorized screens which is recess installed in the ceiling. It can convert the screen into a RF controlled receiver when plugged in.

Wireless Trigger System (FM868MHz)

Low voltage wireless trigger 12V-WR

Plug the wireless trigger into the "TRIGGER" slot of the projector and the wireless RF-IR converter into the screen to create a synchronized control system. When the projector is turned on, the projection screen will automatically lower and when the projector is off, the projection screen will automatically retract.

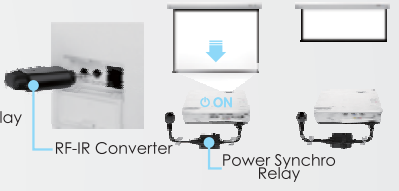
Power Source DC3V (Cr2430 x 1)



Power Synchro Relay IPS-868M

Conner the Power Synchro Relay to the power cord of the projector and the RF-IR converter to the screen to create a synchronized control system. The Power Synchro Relay is designed for the projectors that do not have a trigger output, utilizing instead its power source for the wireless signal. When the projector is turned on, the projection screen will automatically lower and when the projector is off, the projection screen will automatically retract.

Compatible with projectors with any power frequency through the power learning button.



Manual Control

Manual Control On/Off

Standard Voltage Electricity Control

Default composition for all electric screens

Standard Control Switch

Low Voltage Electricity Control

Connect to the "External CTRL" slot on the control interface of the Integrated motorized screen to control the screen.

Central Control Adapter

Low Voltage Electricity Control

Connect to the "External CTRL" slot on the control interface of the Integrated motorized screen to control the screen. Central control and manual switch is built in.

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Liberty GRANDVIEW

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