Grandview®

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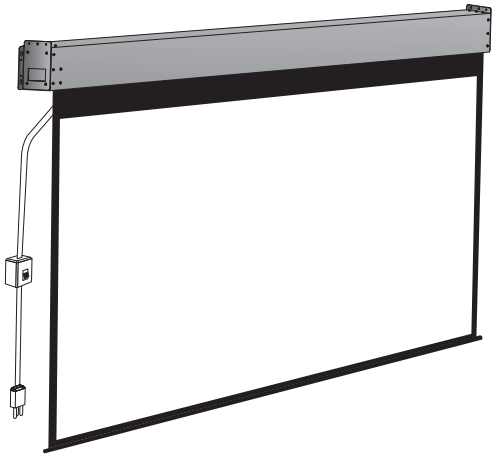
ISO9001:2015
International Certification

Grandview®

Installation Guide for Large stage Series Motorized Screen

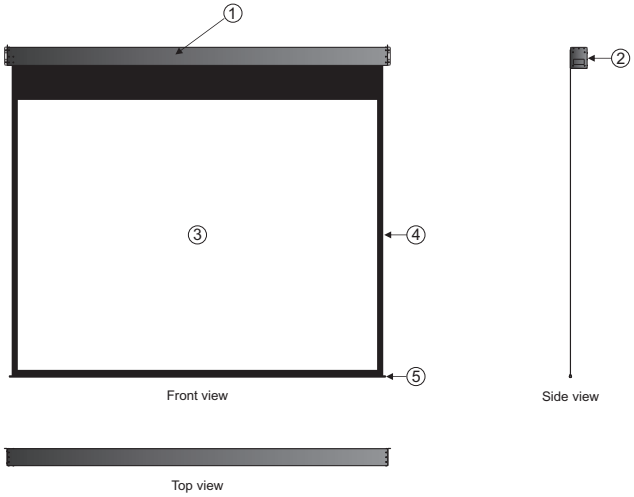


Model：LS-Mxx

Thank you for purchasing a Grandview projection screen.
Before use, please read instructions carefully. After installation, store instructions for future reference.

Description

Illustration



Screen parts

①	Housing	④	Black border
②	End cap	⑤	Bottom bar
③	Screen fabric		

Accessaries

- ⌀5 Allen key (1pc)

- Instruction manual (1pc)

Warnings

- The ceiling used for fixture installation must be secure to prevent the screens from falling.
- Appointed professional is required for the installation of the motor in case that a mis-connection may lead to fire or leaks.
- Make sure the screen is at the situation of load when operating it.
- To guarantee a perfect performance, please be noted:
  1.Do not touch the screen surface with hands as it may cause scratches or tears.
  2.Do not write or draw on the surface.
  3.Clean the screen with a soft cloth and lukewarm water. Do not use any detergent or cleaning chemicals.
- Roll up the screen after every use.
- To prevent unnecessary damage, the operating and maintaining works of the screen should be done by adults.

Ignoring the safety warnings may lead to injuries and/or damaging the product.	Fixtures should be installed in a secure place to avoid accidents or the screen falling.
Do not operate the screen while connecting any power source or remote controls.	After operation, retract the fabric to housing to keep it clean anddurale.
Please contact your local dealer for repairs or maintenance. Avoid taking apart the fixtures yourself. Loose parts may cause the screen to fall.	Refrain from hanging anything on thescreen as it may cause the screen tofall.

Do not take apart and replace with unknown parts. If there are any problems, please contact your local dealer.
Product specifications are subject to change.

Operation instructions

Grandview projection screens are controlled by a manual switch or an automatic remote control.

1.Manual switch control

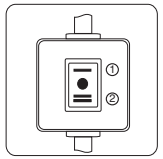
a. Tear off the glue cloth fixed on the bottom rod,ensure the bottom rod is not stuck by the casing.

b. Connect to a power source (Please make sure it is the right voltage)

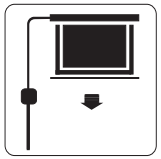
c. Turn the switch to position 2 to lower the screen; it will come down slowly. When it is all the way down, it will stop automatically.

d. Turn the switch to position 1 to lower the screen; it will go up into the metal casing. When it is all the way up , it will stop automatically.

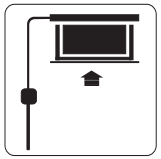
e. To stop any time while the screen is in motion, turn the switch to 0.



Picture 1



Picture 2



Picture 3

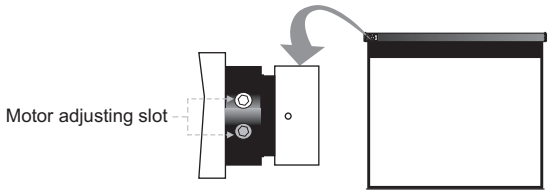
2. Automatic remote control (Please see section on Remote Control)

Attention:

> Please make sure there is no dust or dirt on the fabric surface before rolling it back to the casing

> The recommened working time is less than 50 seconds. The motor will enter overheating protection status and stop working for every continuous 4 minuters operation, user would need to wait for a while until the motor cool down before operating again.

> There is no lube needed for the motor. Please be noticed that the appropriate setting is optimized which requires no further adjustment, please consult the after sales team before adjusting the limits.



Installation

Take out all the parts from the packaging and follow the accessories description to ensure you have all the parts. Follow the following steps to operate:

1. Choose wall mounting or ceiling mounting installation depending on your need. Various wall and ceiling materials require different bolts, bolts with hooks, screws or screws with hooks (all not accessories).
2. Before installation, leave at least 1 meter length from the left end cap to the left side wall for the convenience of replacing the motor.

Wall Installation

Use four pieces of ∅10 bolts and fix them in the wall after drilling four holes by an electric driller. Fasten the screws through the screen bracket to the holes of the bolt and fix the screen on wall (Figure1). (Note: required wall material is reinforced concrete)

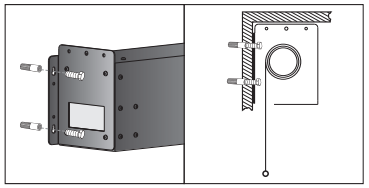


Figure 1

Ceiling Installation

Fix two pieces of ∅10 bolts in the ceiling and hang the screen (Figure2). Check the hook to ensure safety. When necessary, adope proper solutions to prevent any accident happening on the hook. (Note: required ceiling material is reinforced concrete)

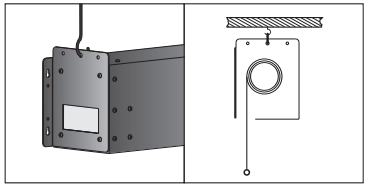


Figure 2

Hidden Installation

As occation requires, you can put the screen inside the ceiling slot. Refer to the Wall Installation and Ceiling Installation for operation (Figure 3).

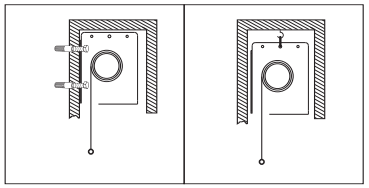


Figure 3

Motor Replacement

When replacing the motor, disconnect the screen from the power source. Unfasten the screws on the Flant cover board and thus put it aside. Unfasten screws in motor pulling rack and take out the faulty motor. Replace new motor by fastening screws for motor pulling rack and then the Flant cover board (Figure 4 - 5).

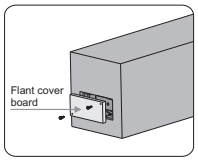


Figure 4

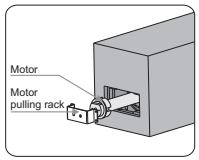
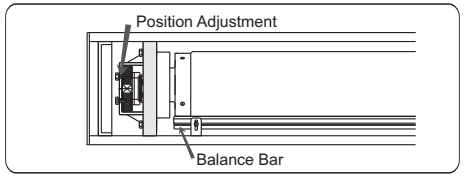


Figure 5

Screen features



Position adjustment

The adjustment motor allows you to lay the screen position by adjusting the lower and upper limits of the screen.

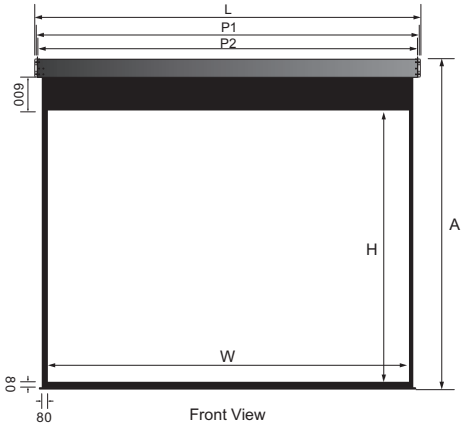
Balance bar

This design is to prevent the bearing down of motor roller and to avoid the shaping of " V " wave or " ⋀ " wave of the fabric due to large screen size. When " V " wave appears, shift forward the screw on the Balance bar till the fabric reach complete flatness and then fasten the screw. When " ⋀ " wave appears, shift backward the screw on the Balance bar till fabric reaches the complete flatness and then fasten the screw.

Specifications

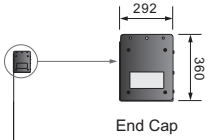
Format	model	size(in)	Viewing area		L(mm)	A(mm)	P1(mm)	P2(mm)	Net weight (kg)
			W (mm)	H (mm)					
4:3	LS-M250	250"	5080	3810	5630	4860	5570	5525	150
	LS-M300	300"	6000	4500	6550	5550	6490	6445	175

Note: The above speficiation is subject to change without informing. The tolerance for L is ±3mm.



Front View

Top View



End Cap

Side View

Measurement Unit: mm

Motor Specifications

Voltage	Frequency	Power	Application
230V / 120V	50 / 60Hz	270 W	Applicable for size over 250" motorized screen