

Installation Guide for Large-Flat series Prestige Concave Permanent Cinema Screen



Model: LF-PHxx(DY)

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Thank you for purchasing a Grandview projection screen.

Before use, please read instructions carefully. After installation, store instructions for future reference.

Warning

- When installing, make sure it is facing forward. The back of the screen will be labeled with a sticker.
- Please read the following as any damage to the screen surface will affect the quality of the picture:
 - 1.The frame is made with lightweight aluminum. Please handle with care.
 - 2.Avoid contact or touching the screen surface as it may cause scratches or tears.
 - 3.Do not write or draw on the surface.
 - 4.Clean the screen with a soft cloth and lukewarm water. Do not use any detergent or cleaning products.
 - 5.Use a cotton cloth to carefully wipe off the dust on the frame to prevent any damages
 - 6.If it is not in use for a long period of time, cover the screen to shut out dust and dirt.
- To prevent unnecessary damage, the operating and maintenance of the screen should be done by adults.

Opening the case, the frame has indentations on surface because of packaging in a dry case for a long time. This is a normal phenomenon and the screen can be used normally. Please stay the screen in a normal condition that the indentations can be naturally removed. Recovery time will be changed in 1-15 days because of the air humidity, If you want to remove these indentations quickly, please use half-wet solution.

Methods: Sprinkle water on the surface that can remove the indentations.



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.

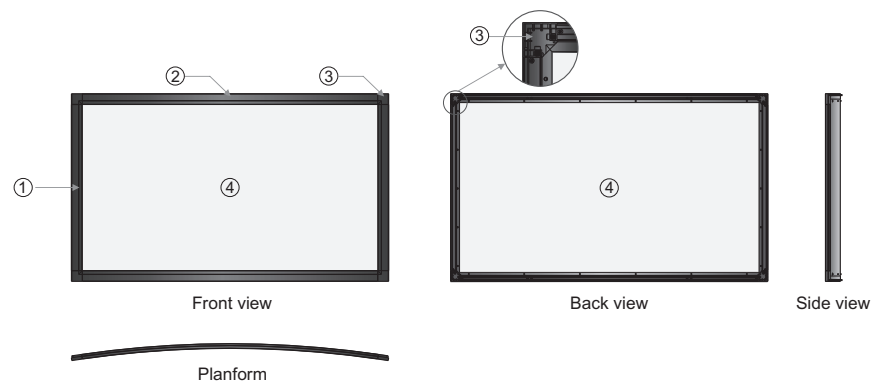


Please contact your local dealer for repairs or maintenance. Please contact our company if you have any further questions. Avoid taking apart the fixtures yourself. Loose parts may cause the screen to fall.

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.

Description

Illustration

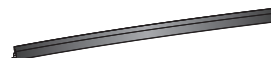


Screen parts

①	Side frame	③	Connector piece
②	concave frame	④	Fabric

Accessories

- Concave frame bars (2pcs)



- Side frame bars (2pcs)



- PVC strip (long/2pcs、 short/2pcs)



- Instruction manual (1pc)

- M8 x 30 mm corner connector screws (4pcs)



- Top and bottom installation bars(1set)



- $\phi 5 \times 40$ mm tapping screw with anchor (6sets)



- $\phi 5 \times 10$ mm screws (8pcs)



- Security screw (2pcs)



- Bracket (4pcs)



- M8 spanner (1pc)



Installation

1. Lay the two side bars and two concave bars on a horizontal ground, building the shape of a rectangle. (Figure 1)

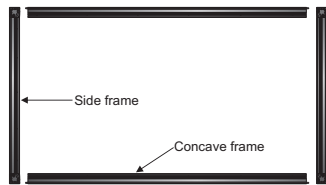


Figure 1

2. Connect the axis of the corner piece of the concave frame bar to the side bar's location hole. (Figure 2-3)

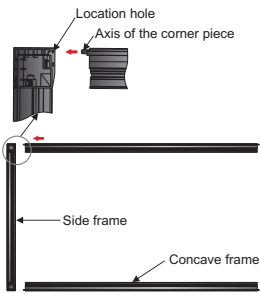


Figure 2

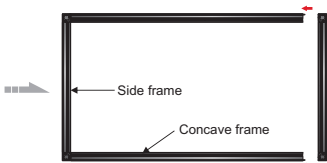


Figure 3

3. Fasten the M 8 x 30 mm corner connector screws to the corner connector screw holes. (Figure 4-6). Do the same for the rest three corner pieces.

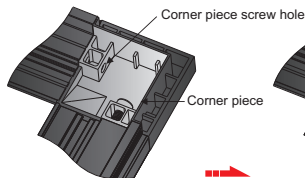


Figure 4

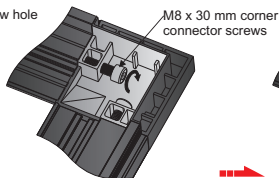


Figure 5

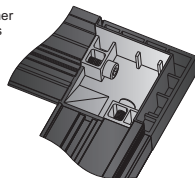
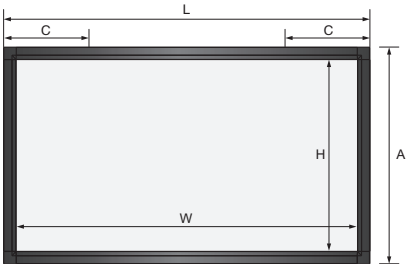


Figure 6

Specifications

Format	Model	Specification (In)	Viewing area		Screen dimension		Bracket margin C (mm)	Net weight (kg)
			W (mm)	H (mm)	L (mm)	A (mm)		
4:3	LF-PH60	60"	1219	914	1381	1076	360	7.3
	LF-PH72	72"	1463	1097	1625	1259	480	8.8
	LF-PH80	80"	1626	1219	1788	1381	490	9.5
	LF-PH100	100"	2032	1524	2194	1686	620	12.2
	LF-PH120	120"	2438	1829	2600	1991	730	13.2
16:9	LF-PH150	150"	3048	2286	3210	2448	900	18.5
	LF-PH77	77"	1704	958	1868	1120	490	9.4
	LF-PH80	80"	1771	996	1935	1158	523	9.8
	LF-PH92	92"	2037	1145	2201	1307	581	11.3
	LF-PH100	100"	2214	1245	2378	1407	670	12.2
	LF-PH106	106"	2346	1319	2510	1481	660	12.7
	LF-PH112	112"	2479	1394	2643	1556	727	13.5
	LF-PH120	120"	2656	1494	2820	1656	740	14.2
	LF-PH150	150"	3320	1867	3484	2029	922	17.8

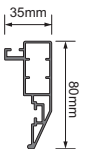
Note: Sizes and specifications are subject to change at any time. Refer to real product for exact data. The tolerance for L is $\pm 5\text{mm}$.



Front view



Side view



Frame section view

4. Fasten the concave bar brackets to the on-wall top and down installation bar slots. (Figure 14-15)

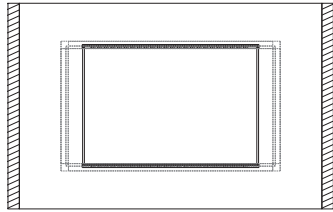


Figure 14

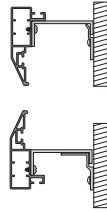


Figure 15

5. When the screen is installed on the installation bars, adjust the orientation of the screen to make sure the hole in the bracket is aimed at the fixed slot in the bottom installation bar. Fasten the security screw to the hole and fix the screen. (Figure 16-17)

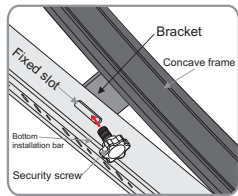


Figure 16

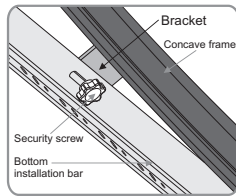


Figure 17

Installation

1. Turn over frame with its back upward, set it on clean desktop or ground, expand fabric per below instruction and lay on the frame, and moving the fabric to ensure it is located in the centre of the frame. (note: When fabric facade face downward, please be careful not to scratch it.)

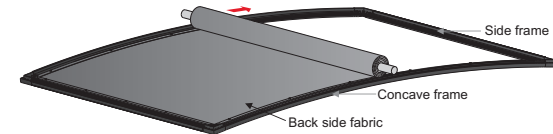
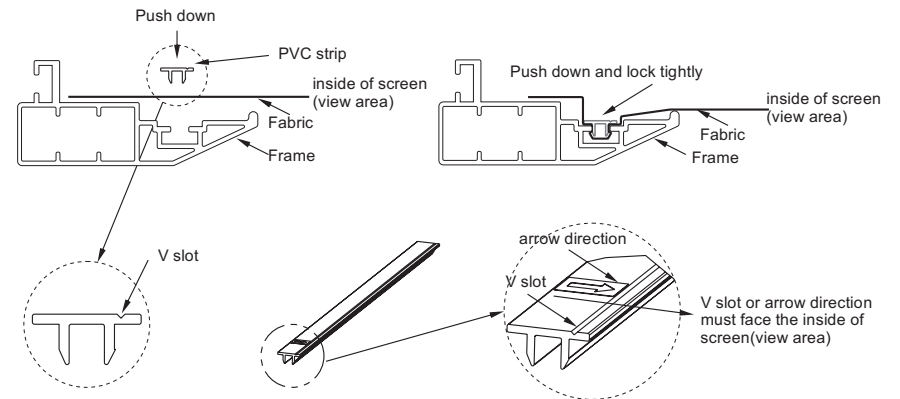


Figure 7

2. Push down PVC stripe along the frame slot, lock down PVC stripe with slot tightly.

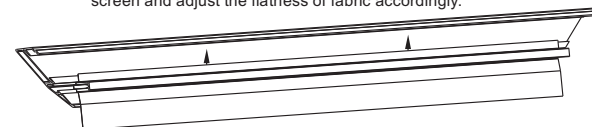
Note:

- PVC stripe has directivity, the side has V slot or arrow direction must face the view area, as per below diagram.
- When push down the stripe, press the long side tightly first (press from the middle to the end), and strain the fabric at the other end, then press the other long side down tightly.
- Press the short side stripe down tightly by the same way.
- When finish, if there is wrinkles in the view area, the user can loosen PVC strip and make the necessary adjustment accordingly.



3. Effect Clart

The user can loosen PVC strip along the outside direction of screen and adjust the flatness of fabric accordingly.



Screen Installation

- Each screen is equipped with 4 brackets labelled 1,2,3,4; and thus the concave frame has relevant marks of 1, 2, 3, 4. When installing the brackets, use the $\phi 5 \times 10\text{mm}$ screws to fix the bracket 1* to mark 1* on the concave frame. Do the same for bracket 2*, 3* and 4*. (Figure 8). Make sure the screws are tightly fastened.

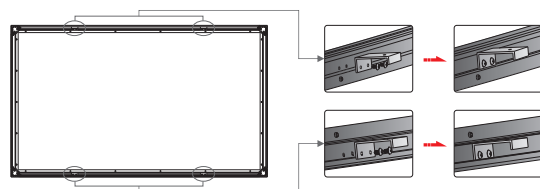


Figure 8

- Each screen is equipped with a top and bottom installation bars with many sets of holes, three of which belonging to one set. Installation bar specifications on Figure 9.

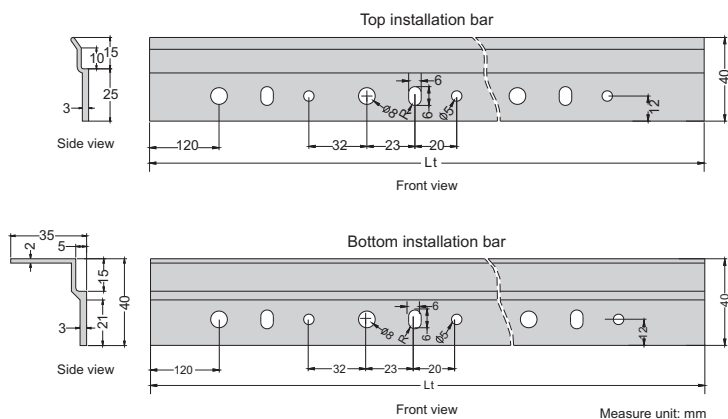


Figure 9

Table2: Length of installation bars (Lt)

Format	Specification (in)	60"	72"	77"	80"	92"	100"	106"	112"	120"	150"
4:3	Lt (mm)	850	850	/	1000	/	1150	/	/	1300	1600
16:9	Lt (mm)	/	/	1000	1000	1150	1150	1300	1300	1450	1750

Note: Sizes and specifications are subject to change at any time. Refer to real product for exact data.

- The top and bottom installation bars have been linked in factory and the length in between is pre-set. Fix the top installation bar at horizontal level and the bottom bar will go parallel as a result of gravity. Make sure the length in between is conform to the table 2 .Micro adjustment is allowed. Then fix the bottom installation bar. You can also refer to table 3 for the required distance between the installation bars. (Figure 10-11)

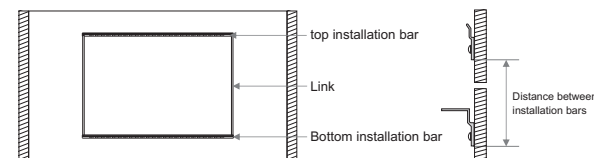


Figure 10

Figure 11

Table 3: Distance between installation bars

Format	Specification (in)	60"	72"	77"	80"	92"	100"	106"	112"	120"	150"
4:3	Distance (mm)	1019	1202	/	1324	/	1629	/	/	1934	2391
16:9	Distance (mm)	/	/	1063	1101	1250	1350	1424	1499	1599	1972

Note: Sizes and specifications are subject to change at any time. Refer to real product for exact data.

Installation details:

- Woody wall installation: Follow the screen installation step 3 and fix the $\phi 5 \times 40 \text{ mm}$ tapping screws to the holes in the top and down installation bars, three screws on each bar. (Figure 12)
- Concrete wall installation: Follow the screen installation step 3 and drill six proper holes through the concrete wall with electrical drill, and then nail the screw anchors into the done holes on the wall. Fix the $\phi 5 \times 40 \text{ mm}$ tapping screws to the holes on the wall through the holes in the top and bottom installation bars, three sets of screws on each bar. (Figure 13)

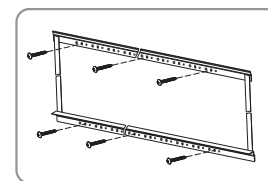


Figure 12

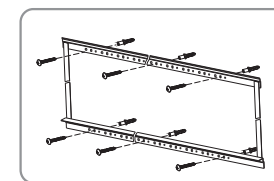


Figure 13