

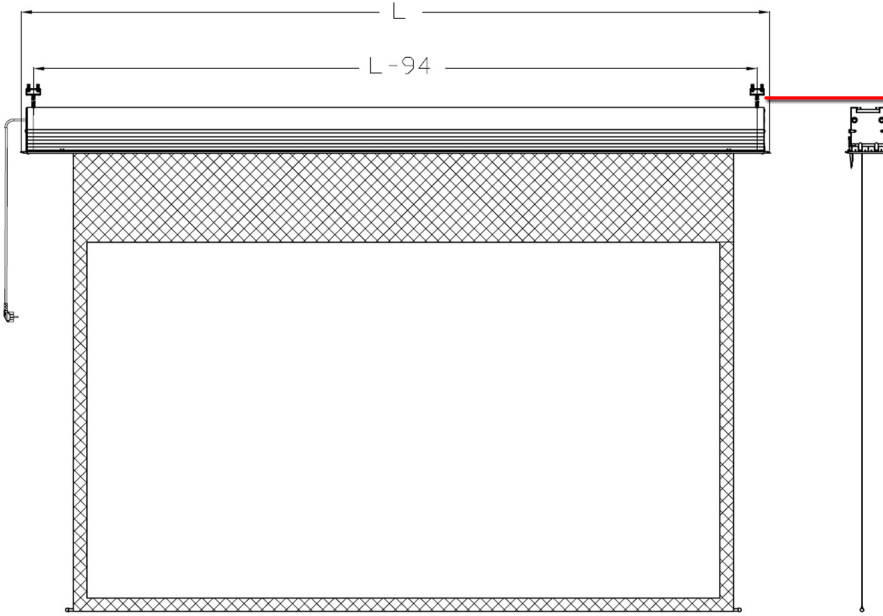
1. Ceiling cut out and screen support

The in-ceiling screen requires a cut out width of 158mm and a length corresponding to the screen size. The screen casing requires a minimum of 170mm from the finished ceiling to the underside of any supporting metal work.

The supplied threaded bars must be fitted to either the concrete floor slab or a supporting structure fitted between the floor joists. The distance between each support bar is determined by the length of the screen case "L" minus 94mm. The bars should be cut so that the distance from the bottom of the bar to the finished ceiling is 60-80mm.

Ceiling cut out dimensions

92"	Standard	2435 x 158
106"	Standard	2750 x 158
120"	Standard	3055 x 158
92"	Tab-Tensioned	2630 x 158
106"	Tab-Tensioned	2940 x 158
120"	Tab-Tensioned	3250 x 158

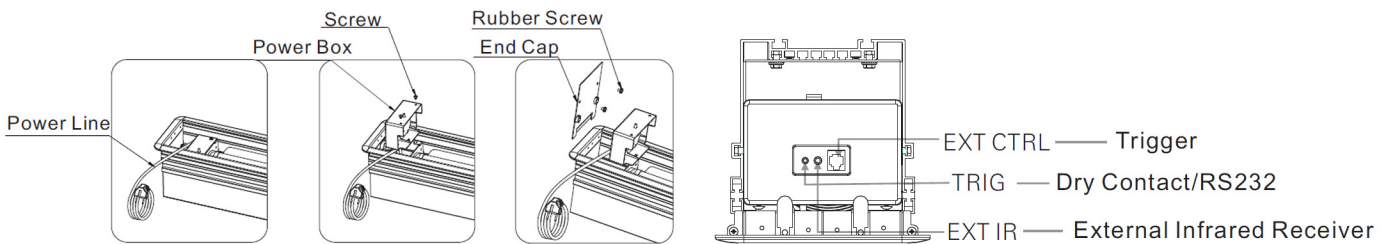


L= Total Width dimensions

92"	Standard	2466
106"	Standard	2776
120"	Standard	3086
92"	Tab-Tensioned	2656
106"	Tab-Tensioned	2966
120"	Tab-Tensioned	3276

2. Power and control connections

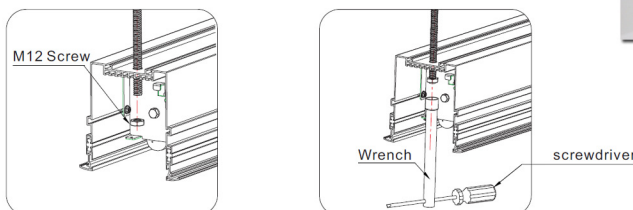
First isolate any power supply that will be used for the screen. Although the screen is fitted with a standard mains plug it is sometimes easier to remove the plug and join the screen cable to a power cable exiting through the ceiling cutout. This join can be done after the screen is in position with a small isolated junction box. If a 12volt trigger is being used make sure this is also exiting the ceiling cutout and that it is fitted with a 2.5mm mono jack. The **End Caps** of the screen case can be removed to make lifting the screen onto the threaded support bars easier.



3. Fitting the screen in position

Lift the screen into the cut out so that the threaded bars go through the holes at the top of the screen case and thread on the supplied nuts a few centimeters onto the bar. The weight of the screen is now on the support bars. While the screen is hanging in this lowered position feed the power cable and any control cables through the end of the screen case and connect them.

Turn on the power supplying the screen and test the screen using the manual push button on the underside of the case. Also test any IR or 12volt trigger connections. If the screen operates correctly lift the screen further in the ceiling to its final position by tightening the nuts using the provided wrench.



4. Adjusting the downward stop position

There are two hex head adjustments located at the left hand end of the large roller that holds the screen material. These may be covered by a sticker warning against incorrect screen adjustment. Grandview uses two types of motors, the colour of the two hex adjusters will depend on the motor type your screen uses.

Type 1 motor: Yellow and White adjusters

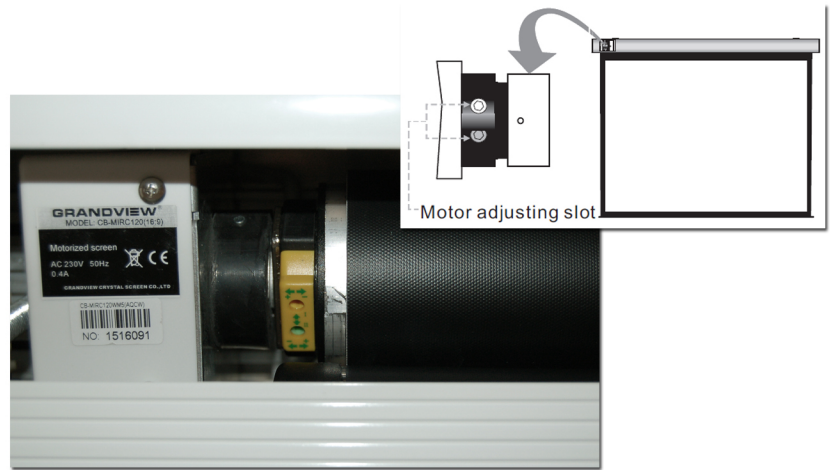
Turning the White adjuster clockwise will cause the screen to automatically stop in a higher position. Anti-clockwise rotation will drop the screen lower. These adjustments can be made while the screen is in any position, the motor does not move during the adjustment.

DO NOT ADJUST THE YELLOW HEX KEY, this is for the upward stop position.

Type 2 motor: Yellow and Green adjusters

Turning the Yellow adjuster clockwise will cause the screen to automatically stop in a higher position. Anti-clockwise rotation will drop the screen lower.

DO NOT ADJUST THE GREEN HEX KEY, this is for the upward stop position.



5. Fitting the aluminium trim

Once the down stop of the screen has been adjusted the trim can be fitted. While lifting the inside edge of the trim push the outside edge into the groove running along the length of the case. The locking latch at each end of the trim needs to be in the unlocked position until the trim is sitting flat with the surround of the screen.

