

# Operating instructions

## Celexon Ceiling Recessed Electric Professional Plus



Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully before connecting or operating this product. Please retain these instructions for future reference.

## WARNINGS

The purpose of these operating instructions is to familiarise you with the operation of this product. Therefore, keep these instructions in a safe place so that you can refer to it at any time.

- Before installation, please refer to the enclosed data sheet for further safety and use instructions.
- Do not begin installation until you have read and understood the complete operating instructions.
- Carry out the installation with another person to ensure safe installation.
- Remove the product from its packaging and remove all packaging material. Make sure that there is no packaging material on or in the product. If you notice any damage to the packaging, also check whether there is any damage to the product. If you notice any external damage to the unit or any unexpected or unusual functioning, the product must not be used any further. Immediately contact the dealer from whom you purchased the product or celexon directly (Web: [www.celexon.co.uk](http://www.celexon.co.uk), Mail: [info@celexon.co.uk](mailto:info@celexon.co.uk)) for further information.
- To ensure trouble-free operation, the product may only be used indoors. It is NOT suitable for outdoor use.
- The use of the appliance and accessories is forbidden to children under 16 years of age.
- Ensure that no children play with the appliance or are in the vicinity without supervision.
- Conversion or modification of the product impairs product safety.
- Caution: Risk of injury! Never open the product without authorisation. Never carry out repair yourself!
- Do not use the product near gas or water appliances or in a dusty environment.
- Handle the product with care. It can be damaged by knocks, blows or falling from even a small height.
- Keep the product away from moisture and heat.
- Never immerse the product in water or other liquids.
- Use the product only in its intended manner. Use for any other purpose may damage the product or its surroundings.
- Tighten the screws, but do not overtighten them. Overtightening the screws (e.g. by using a cordless screwdriver) can cause damage and affect the secure hold of the screen.

- Suspended loads must be checked for strength and load-bearing capacity at least twice a year.
- Children should not use the screen or play under it unsupervised.
- Caution: Risk of injury! The unit closes flush and firmly in its retracted state, keep fingers, hands or other small parts away from the opening.
- All supply lines and cables must not be subjected to additional loads and must be laid in such a way that they are not damaged or crushed.
- Failure to observe the above instructions may result in personal injury and damage to the product or equipment connected to it. Incorrect installation or use may also invalidate the warranty.
- If you are unsure about the use of the product, please contact specialist personnel, your dealer or celexon directly (Web: [www.celexon.co.uk](http://www.celexon.co.uk), Mail: [info@celexon.co.uk](mailto:info@celexon.co.uk)).
- Technical changes and errors expected

The manufacturer accepts no responsibility for damage to property or personal injury, if the screen is used outside the recommended specifications, or in the event of improper installation. **Do not use this screen in the vicinity of heaters or air conditioners. Also, do not mount the product in direct sunlight or in front of a window.** Due to the temperature-sensitive PVC surface, the projection screen fabric may be permanently damaged.

We recommend that you wait approx. 2 hours after delivery before installing the projection screen. This way you will allow the screen to acclimatise, especially when moving from a cold to a warm environment (or vice versa).

Please **avoid any stains on the surface of the screen**. These may not be able to be removed.

The **positions of the end points are already optimally set** at the factory and should not be changed. Especially with electric screens, the entire length of the fabric should always be used in order to achieve the best flatness. An adjustment of a few cm of the end points should only be made by persons with specialist knowledge and in consultation with the manufacturer. Incorrect adjustment can result in damage to the projection surface.

## DISCLAIMER

The information in this document is subject to change without notice by the manufacturer. Changes will be added to subsequent versions of this manual. Errors expected.

## CARE INSTRUCTIONS

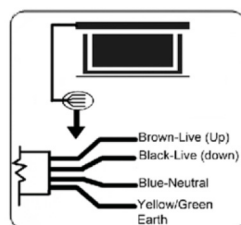
NEVER clean the screen with alcohol or other cleaning agents containing solvents. Use only a soft and clean cloth. If necessary, dirt can be removed from the surface with a mild soap solution (max. 5%). It is essential to avoid contact with pointed or sharp objects. These could permanently damage the projection screen fabric. Further instructions can be found in the enclosed projection screen instructions.

## TECHNICAL DATA

Voltage: 220 V ~ 240 V, 50 Hz

Consumption: 130 W (MAX)  
0,4 W (Standby)

Control: Cable switch or optionally available  
control systems



## IN THE BOX



1 x Screen



2 x Mounting bracket (A)



2 x Inspection cover (B)



1 x Allen key (C)



4 x Threaded rods (D)



4 x Metal dowels (E)



1 x Allen key 5mm (F)



1 x Allen key 8mm (L)

## INSTALLATION NOTES

Before installation, please check that all the parts listed above are included! If parts are missing, contact the dealer from whom you purchased the product and wait for the parts to arrive before completing the installation.

Install the screen in a position that is fully visible to all viewers! The optimum installation height corresponds to the position of the viewers in the centre of the screen with the screen fabric extended: eye level = lower third of the screen surface.

## INSTALLATION

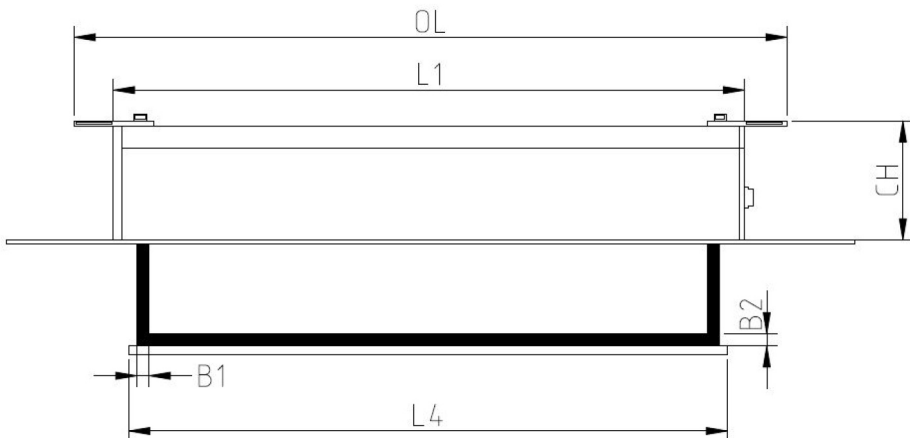
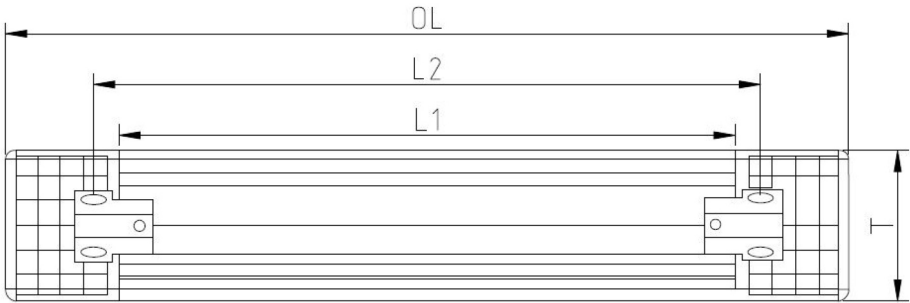
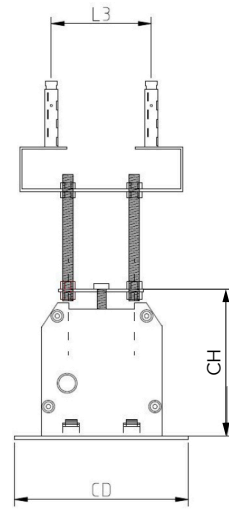
### STEP 1: CEILING CUT-OUT

Please take the ceiling cut-out dimension from the following list and create a corresponding cut-out in your suspended ceiling.

Viewing area of screen	Length of Ceiling cut-out	Width of Ceiling cut-out
	202 cm	11 cm
180 cm	222 cm	11 cm
200 cm	244 cm	11 cm
220 cm	264 cm	11 cm
240 cm	284 cm	11 cm
280 cm	329 cm	13,5 cm
300 cm	349 cm	13,5 cm

To be on the safe side, you can also check the cut-out dimensions as follows

Measure the length „**L1**“ as well as the depth „**CD**“ of the screen housing as shown in the illustrations. Add 190mm to the length „**L1**“ and subtract 25mm from the width „**CD**“.

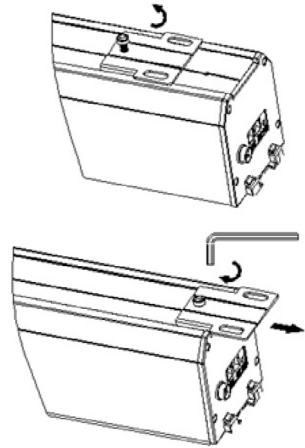


Article description (B x H)	Dimension (L1)	Dimension (L2)	Dimension (L3)	Width dowel bar (L4)	Housing dimensions (OlxChxCD)	Ceiling cut- out dimension
160x160 cm	182,6 cm	186,6 cm	9,4 cm	172,2 cm	206,6x10,3x13,6 cm	201,6x11,1 cm
180x180 cm	202,6 cm	206,6 cm	9,4 cm	192,2 cm	226,6x10,3x13,6 cm	221,6x11,1 cm
200x200 cm	224,6 cm	228,6 cm	9,4 cm	214,2 cm	248,6x10,3x13,6 cm	243,6x11,1 cm
220x220 cm	244,6 cm	248,6 cm	9,4 cm	234,2 cm	268,6 x10,3x13,6 cm	263,6x11,1cm
240x240 cm	264,6 cm	268,6 cm	9,4 cm	254,2 cm	288,6x10,3x13,6 cm	283,6x11,1 cm
280x280 cm	309,8 cm	313,8 cm	9,4 cm	296,3 cm	312,4x12,7x16,0 cm	328,8x13,5 cm
160x120 cm	182,6 cm	186,6 cm	9,4 cm	172,2 cm	206,6x10,3x13,6 cm	201,6x11,1 cm
180x135 cm	202,6 cm	206,6 cm	9,4 cm	192,2 cm	226,6x10,3x13,6 cm	221,6x11,1 cm
200x150 cm	224,6 cm	228,6 cm	9,4 cm	214,2 cm	248,6x10,3x13,6 cm	234,6x11,1 cm
220x165 cm	244,6 cm	248,6 cm	9,4 cm	234,2 cm	268,6x10,3x13,6 cm	263,6x11,1 cm
240x280 cm	264,6 cm	268,6 cm	9,4 cm	254,2 cm	288,6x10,3x13,6 cm	283,6x11,1 cm
280x210 cm	309,8 cm	313,8 cm	9,4 cm	296,3 cm	312,4x12,7x16,0 cm	328,8x13,5 cm
300x225 cm	329,8 cm	333,8 cm	9,4 cm	316,3 cm	339,5x12,7x16,0 cm	348,8x13,5 cm
160x90 cm	182,6 cm	186,6 cm	9,4 cm	172,2 cm	206,6x10,3x13,6 cm	201,6x11,1 cm
180x102 cm	202,6 cm	206,6 cm	9,4 cm	192,2 cm	226,6x10,3x13,6 cm	221,6x11,1 cm
200x113 cm	224,6 cm	228,6 cm	9,4 cm	214,2 cm	248,6x10,3x13,6 cm	243,6x11,1 cm
220x124 cm	244,6 cm	248,6 cm	9,4 cm	234,2 cm	268,6x10,3x13,6 cm	263,6x11,1 cm
240x135 cm	264,6 cm	268,6 cm	9,4 cm	254,2 cm	288,6x10,3x13,6 cm	283,6x11,1 cm
280x158 cm	309,8 cm	313,8 cm	9,4 cm	296,3 cm	312,4x12,7x16,0 cm	328,8x13,5 cm
300x169 cm	329,8 cm	333,8 cm	9,4 cm	316,3 cm	339,5x12,7x16,0 cm	348,8x13,5 cm
160x110 cm	182,6 cm	186,6 cm	9,4 cm	172,2 cm	206,6x10,3x13,6 cm	201,6x11,1 cm
180x112 cm	202,6 cm	206,6 cm	9,4 cm	192,2 cm	226,6x10,3x13,6 cm	221,6x11,1 cm
200x125 cm	224,6 cm	228,6 cm	9,4 cm	214,2 cm	248,6x10,3x13,6 cm	243,6x11,1 cm
220x137 cm	244,6 cm	248,6 cm	9,4 cm	234,2 cm	268,6x10,3x13,6 cm	263,6x11,1 cm
240x150 cm	264,6 cm	268,6 cm	9,4 cm	254,2 cm	288,6x10,3x13,6 cm	283,6x11,1 cm
280x175 cm	309,8 cm	313,8 cm	9,4 cm	296,3 cm	312,4x12,7x16,0 cm	328,8x13,5 cm
300x187 cm	329,8 cm	333,8 cm	9,4 cm	316,3 cm	339,5x12,7x16,0 cm	348,8x13,5cm

## STEP 2: PREPARE THE SCREEN

Loosen the screws of the mounting plate above the screen housing. Slide the mounting plates to the ends of the housing and tighten the screws.

Please make sure that the holes for the threaded rods are not blocked by the housing.

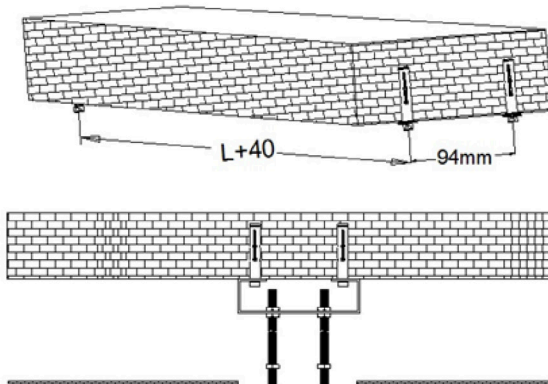


## STEP 3: PREDRILLING

Drill four holes in your load-bearing (concrete) ceiling and insert the metal dowels (E). The distance between the holes should be  $L + 40\text{mm} \times 94\text{mm}$ .

If necessary, use other dowels and screws to suit your structural conditions. Now attach the four mounting brackets (A) to your ceiling. Make sure that the brackets are held firmly and securely to ensure a safe and long-lasting installation of the screen.

Then attach the threaded rods (D) to the mounting brackets and screw one hexagon nut over each to the height of the suspended ceiling. If necessary, the threaded rods must be shortened by the user to suit the dimensions required.

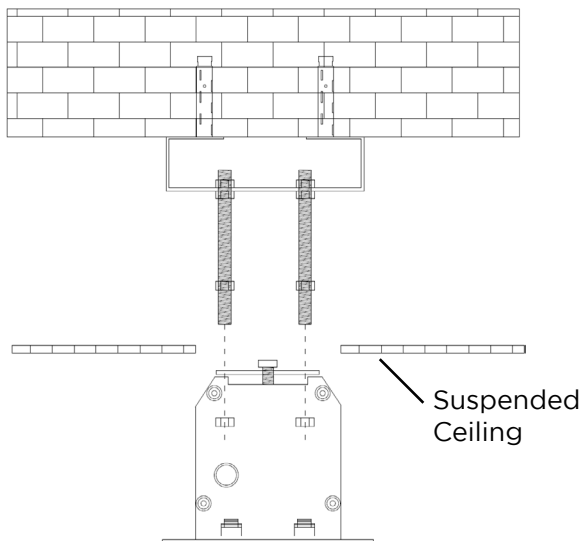




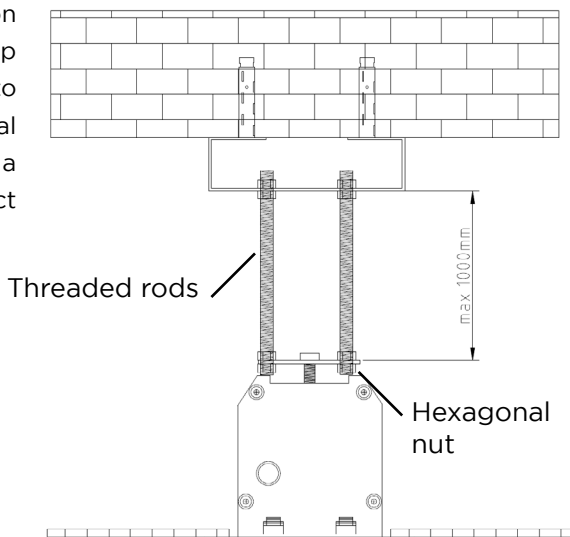
## STEP 4: MOUNTING THE SCREEN

Insert the screen into the cut-out opening in the ceiling. Make sure that the four threaded rods go through the holes in the mounting plates.

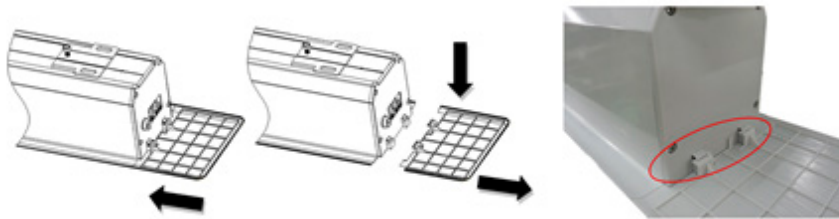
Now turn a hexagon nut on each threaded rod to secure the screen.



Now correct the position of the screen with the help of the hexagonal nuts to ensure a totally horizontal position in the ceiling. Use a spirit level to ensure perfect alignment of the screen.



Finally, attach the inspection covers (B) to the side of the screen housing. To remove them, pull the covers down and away from the housing.



## OPERATION

### CONTROL VIA THE CABLE SWITCH

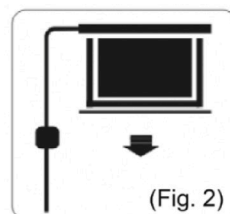
#### STEP 1: SAFETY CHECK

Insert the plug into the socket (ensure correct voltage). The cable must not be laid on hot surfaces or stretched. When using an extension make sure it has the correct specification. The wall control box must be mounted with the cable outlet on the underside. The cable switch can be replaced by an infrared or radio control set from celexon. These must be connected by qualified electricians.

#### STEP 2: EXTEND THE SCREEN (FIG. 2)

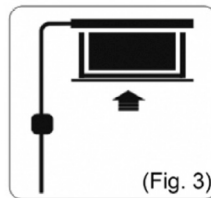
Slide the switch down. The screen extends and stops automatically at the set end point.

Make sure that no objects or persons obstruct the extension of the screen.



### **STEP 3: RETRACT THE SCREEN (FIG. 3)**

Slide the switch upwards. The screen retracts and stops automatically at the housing or the upper end point. Make sure that no objects or persons obstruct the retraction path of the of the screen.



### **STEP 4: STOP THE SCREEN**

To stop the screen manually, slide the switch to the centre position.

To stop the screen manually, slide the switch to the centre position. It is possible to set the stop points. Please request the instructions for this procedure from your specialist dealer or directly via [www.celexon.com](http://www.celexon.com)

## INFORMATION ON EU CONFORMITY

**Manufacturer:** celexon Europe GmbH  
**Address:** Gutenbergstraße 2, 48282 Emsdetten, DE  
**Product name:** celexon Ceiling Recessed Electric Professional Plus

Products that are marked with the CE mark meet all requirements of the relevant EU directives. The EU declaration of conformity can be downloaded from the following address: [www.celexon.de/zertifikate](http://www.celexon.de/zertifikate)



The symbol indicates the separate collection of electrical and electronic devices in EU countries. Please do not throw the device into household waste. Find out about the return system applicable in your country and contact your local authority or your local waste and pollutant collection point if you have any questions about the disposal process

## INFORMATION ON UK CONFORMITY

**Manufacturer:** celexon Europe GmbH  
**Address:** Gutenbergstraße 2, 48282 Emsdetten, DE  
**Product name:** celexon Ceiling Recessed Electric Professional Plus

Products that are marked with the UKCA mark meet all requirements of the relevant UK directives. The UK declaration of conformity can be downloaded from the following address: [www.celexon.de/zertifikate](http://www.celexon.de/zertifikate)



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