

CLIPSAL[®]

by **Schneider** Electric



**Medilec
Custom Timber
Solution**

ML2144
Series

Installation Instructions

Product Range

ML2144 Custom Timber Solution

Description

The Medilec ML2144 Series is a medical service panel system for patient treatment areas of hospitals, and medical and dental practices.

The system has been specifically designed to be installed onto a surface mount MDF enclosure or similar material.

Enclosure Requirements

When designing and manufacturing the MDF enclosure there are certain guidelines to meet, which are:

- A. MDF material thickness – 18mm (min)
- B. Enclosure height (internal) – 155mm (min)
- C. Enclosure depth (internal) – 55mm (min)

If services are to run within the enclosure, rather than the wall, then the minimum internal height and depth dimensions may need to increase.

Mounting Bracket Installation

The brackets should be screwed to the rear of the MDF enclosure prior to the enclosure being mounted to the wall. Ensure they are facing the correct way with the bracket nut insert body facing the wall.

Prior to the brackets being installed onto the MDF enclosure, each bracket requires a corresponding cut-out on the front face of the enclosure for the grid assembly to fit within. As a guide, the width and height of the internal punch-out of each bracket is the minimum cut-out dimension.

Bracket	Cut-out
ML2144/1	120mm(h) x 103mm(w)
ML2144/2	120mm(h) x 175mm(w)
ML2144/3	120mm(h) x 247mm(w)
ML2144/4	120mm(h) x 319mm(w)

For the fascias to be aligned correctly, it is critical that the brackets are properly installed. As a guide, the outer dimensions of the brackets are the same as the fascias, therefore butt the brackets together if requiring the fascias to be butted together.

Grid Installation

The metal grid plate is mounted to the mounting bracket via four height adjustable screws, which are fixed to each corner of the grid.

If the adjustable screws are not already installed onto the grid, then place each of the screws into the 4.5mm holes located in the corners of the grid. The brass nuts are then wound up hard against the head of the screw, making sure the nuts have been assembled the correct way to allow the screws to freely rotate.

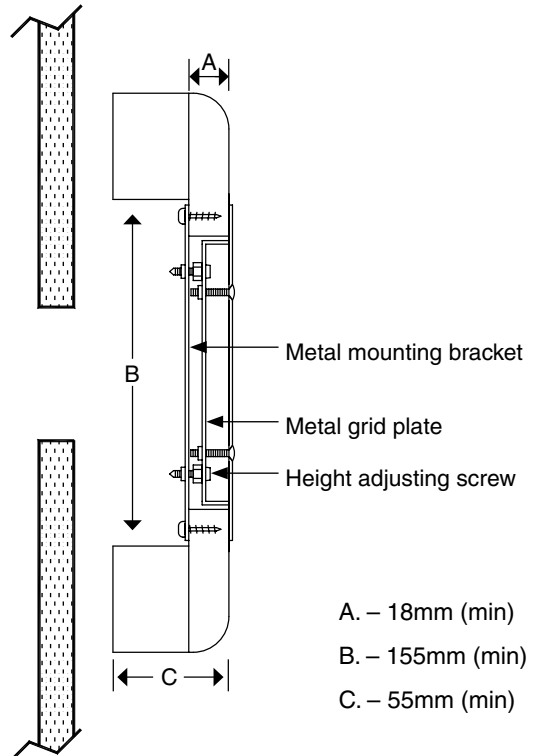
The grid is placed onto the mounting bracket and the height adjuster screws are screwed into the four nuts on each corner of the bracket. Adjust the grid height so that the front lip of the grid sits just below the front face of the MDF enclosure.

2000 Series Accessories Installation

Each 2000 Series accessory is installed onto the grid with two screws, which are backed off slightly to allow the accessories to move from side to side.

Fascia Installation

The fascia is installed to the grid with four countersunk screws. A slight adjustment to the positioning of the 2000 Series accessories may be necessary to align them with the cut-outs within the fascia.



Warranty

The benefits conferred herein are in addition to, and in no way shall be deemed to derogate, either expressly or by implication, any or all other rights and remedies in respect to the Schneider Electric product, which the consumer has in the location where the product is sold.

The warrantor is Schneider Electric with offices worldwide. This Schneider Electric product is guaranteed against faulty workmanship and materials for a period of two (2) years from the date of installation.

Schneider Electric reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.

This warranty is expressly subject to the Schneider Electric product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions. Any alterations or modifications made to the product without permission of Schneider Electric might void the warranty.

Schneider Electric shall meet all costs of a claim. However, should the product that is the subject of the claim be found to be in good working order, all such costs shall be met by the claimant.

When making a claim, the consumer shall forward the Schneider Electric product to the nearest Schneider Electric office and provide adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

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