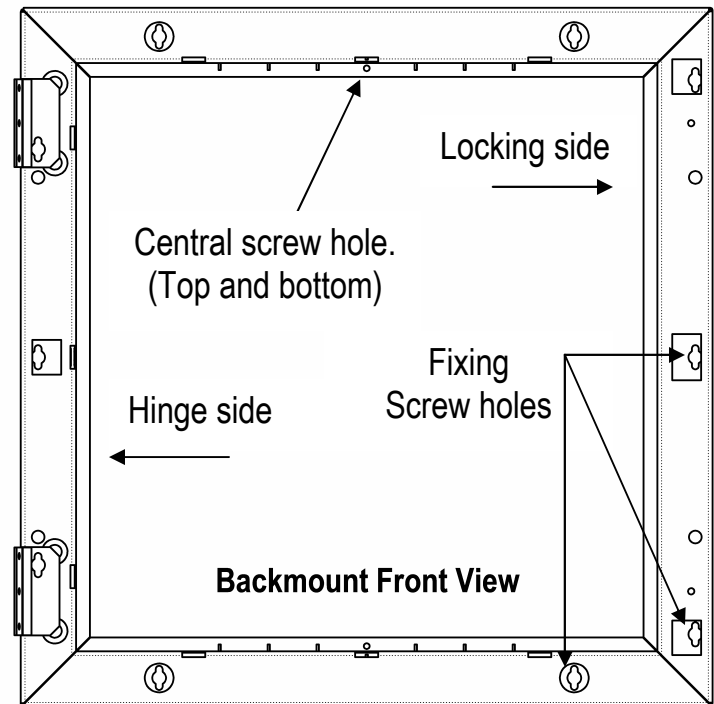


Modempak P Series Mk II; Backmount and Cabinet installation instructions.

Locate an appropriate mounting position on the wall, with consideration of the following issues;

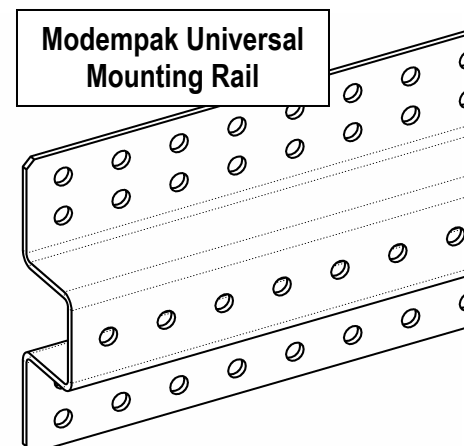
- Secure fixing requirements such as the location of wall studs, appropriate fasteners etc.
- Cable entry position, size of cable bundle.
- Power supply location for any active equipment.
- Swing radius clearance for the Cabinet to open.
- Accessibility, visibility and security requirements.
- Cooling air flow entry and exhaust requirements.
- With this cabinet, the locking side can be mounted very close to an adjacent wall, Cabinet or other equipment because the Backmount lock release is internal to the cabinet.
It is recommended that a space of about 10mm is allowed from an adjacent wall or equipment to ensure that any errors with the wall squareness do not prevent the Cabinet closing correctly.
- An external Backmount locking kit with different key code to the front door is available as an optional accessory. If this is fitted, allow about 150mm space for hand access between the locking side of the Cabinet and any adjacent wall.



**Backmount shown with hinges to the left.
Invert Backmount for right hinged installations.**

Hanging the Backmount or Cabinet.

- Before fitting the Backmount, remove knockout sections as required for cabling access. These can be cut right through the back flange if required. This will allow the Backmount to be placed over a run of cables, or cable ducting passing from floor to ceiling. Knockouts are sized to fit the range of Modempak Designer Ducting for a neat cabling job. A hacksaw (preferably single ended) is recommended. Alternatively, careful use of a hammer to knock out the sections, plus a pair of tin snips and a file to remove sharp edges will suffice.
- There are central screw holes in the rear flange for initial support and easy levelling. Fitting screws to these positions first makes it easier for marking out, drilling and fitting the main fixing attachments. These screws do not need to be into structural members, as they only have to support the Backmount while completing the main fixings.
- Fixing screw positions. The centre hole of the “keyhole” slots are sized $\text{Ø}12\text{mm}$ to slide over the head of a pre-installed #12 woodscrew. Dynabolts or similar expanding masonry fixing hardware, up to M10 can also be fitted, but the larger sizes must be installed after the Backmount or Cabinet is located against the wall.
- **Caution; ensure the Backmount is mounted securely enough to support a fully loaded cabinet when swung out from the wall. Furthermore, equipment may be installed to the Cabinet in the future adding more load than expected during the initial installation.**
- In the event that there are no conveniently located studs or nogs to fix the Backmount or Cabinet to, the Modempak ‘Top Hat’ shaped Universal Mounting Rail is available as an optional extra. These are used in pairs to bridge across studs or nogs, vertically or horizontally. They are pre-punched with holes at 15mm spacing to easily fix to standard 600mm stud spacing as well as the mounting “keyhole” slots in the rear of a Cabinet or Backmount.
- The Universal Mounting Rail will support more than one Backmount or Cabinet if required. They can be mounted with the flanges to the wall, and the Backmount(s) or Cabinet(s) mounted on the crown, giving space for cabling access behind if required. Alternatively, the



Backmount(s) or Cabinet(s) can be mounted on the flange, flush with the wall.

- The Universal Mounting Rail is available in 1.2 or 2.4m lengths.
- Caution; securing to a wall that is not reasonably flat will distort the Backmount. If the distortion is severe, correct by adding washers or spacers between the wall and the Backmount to correct this. **Failure to do so may prevent the Cabinet engaging correctly with the Backmount locking clip system and it may fall off the Backmount when first opened.**

Installing Cabinet to Backmount.

- **NB; remove the keys from inside the Cabinet before installation.**
- To make installation easier, the door can be easily removed from the Cabinet with the quick-release clip system. See the instruction label inside the door of the Cabinet for details. Removing the door will make the Cabinet lighter and it will be easier to see what you are doing.
- Ensure the Backmount hinges are fully closed, with the spigots facing forward.
- **Important!** Position the Cabinet so that the side with the Backmount release cable system is **opposite** to the side of the Backmount with the hinges.
- The Cabinet body can now be lifted up and the holes through the locking clips at the back of the Cabinet aligned with the spigots on the Backmount. Push the Cabinet straight back against the face of the Backmount. The locking clips will ride over the nose of the spigots and snap into

engagement with the shoulder on the rear face of the spigots, fixing the Cabinet closed.

- **Firmly push the Cabinet onto the hinge side to ensure the locking clips are fully engaged.**
- **Caution; before releasing your support of the cabinet, ensure that it is safely retained by the Backmount locking clip system.** Support the Cabinet when first opening it from the Backmount, until certain that the hinge locking clips are correctly secured. If necessary, reach through the Cabinet into the Backmount channel and pull the hinges forward until the catches click into place. If the catches will not engage correctly, see section above regarding wall flatness requirements.
- Locate the Backmount lock release cable grip (the rubber sheathing between the two guide clips at the front of the cabinet, opposite side to the hinges). Push the Cabinet closed, (to take the load off the release system), while pulling the lock release grip, and then swing the Cabinet open from the Backmount.
- M5 screws are included in a plastic bag with the Backmount. Fit two of them to the outer holes in each of the hinges, from the rear, as additional security before loading equipment into the cabinet. A #2 pozidrive screwdriver is required to install these.
- The slots punched in the inside flanges & the bridges punched inwards from the rear flange of the Backmount are for cable ties or velcro loops, to support the cables as they enter the Cabinet from the Backmount.
- The hinge side of the Backmount has several bridges punched inwards for easy mounting of power board(s) with cable ties.

