

Bezels



This application note describes how to fit and install panels with semi-flush mounting bezels in the MX-5000 panels.

Models, Sales Order Parts:

MXM-501: Small Panel Bezel

MXM-502: Medium Panel Bezel

MXM-503: Large / Deep Panel Bezel

MXM-509: Remote Terminal Type MX-5030 Bezel

MXM-521: Remote Terminal Types MX-5010 / MX-5020 Bezel

Add suffix -XXXX the part number to specify an alternative paint colour

For example: -3002 equates to RAL 3002 Red – check with sales for available colours

Applications / Limitations:**Compatibility:**

For use on applicable Mx-5000 series enclosures

Item	Specification Details
Bezel	Steel, Painted (standard RAL 7035)
Bezel Overhang	30mm
As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice	

Bezel Fitting Instructions

All of the necessary fixing hardware is supplied with the bezel kit.

Firstly, unlock and open the door.

It is recommended that the chassis be removed before fitting the panel to the wall.

To remove the panel chassis:

Disconnect the earth cable connecting the chassis to the spade terminal on the rear enclosure.

Unplug the 3-way connector feeding the AC supply to the Base Card.

Disconnect the ribbon cable connecting the display to the base card at the display.

Loosen the two screws holding the chassis to the back box. There is no need to remove these screws fully – the chassis plate has keyhole style mounting holes. Carefully remove the chassis from the rear enclosure and place in a safe place to prevent accidental damage.

To remove the remote terminal chassis:

Disconnect the earth cable connecting the chassis to the spade terminal on the rear enclosure.

Remove the two screws holding the chassis to the back box. Carefully remove the chassis from the rear enclosure and place in a safe place, along with the screws, to prevent accidental damage.



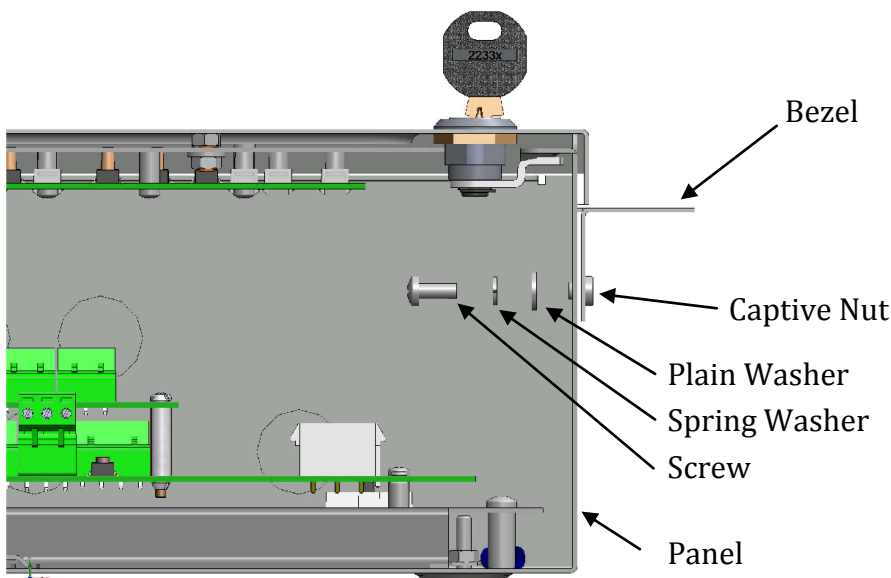
Do not lift the chassis by holding onto any of the printed circuit cards. Hold the chassis by the metal plate only.

Identify the two / three indents on each side of the back box. Using a 5mm HSS drill, and using these indents as markers, drill three holes on each side from the outside of the enclosure.

Clean and remove any swarf from the inside of the enclosure

Locate the bezel onto the back box from the rear.

Using the supplied M4 fixing hardware (screw, spring washer and plain washer) affix the bezel to the back box. The bezel incorporates captive M4 nuts. Refer to the picture below.



Carefully replace the chassis and fix into place using the two screws.

Reconnect the chassis earth cable to the spade terminal in the rear of the enclosure.

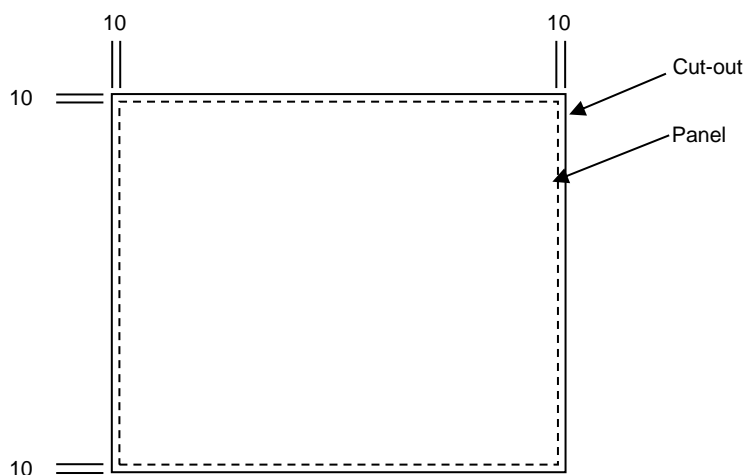
Reconnect the display cable to the display card and then reconnect the AC supply lead to the Base Card for the panels.

Installing the panel

The aperture in the wall should be cut out to easily accommodate the panel without having to force the panel into the wall. Allowance should also be made for the installation wiring and cable glands installed in the panel.

The bezel overhang is 30mm.

It is recommended that the aperture be 20mm wider and 20mm higher than the width and height of the panel. The depth of the cavity required will depend on the panel.



When the aperture is cut out, offer the panel up to the aperture and check for fit. Adjust as required and then mark the positions of the standard panel fixing points.

Install all of the required wiring and cable glands into the panel.

Insert the panel into the aperture and fix in position using the standard fixing points on the rear of the back box. Refer to the installation manual for details of these positions and the recommended expansion plugs and fixing screws.

Continue the installation and programming of the panel as described in the appropriate manuals as supplied with the panel.