



Technical Note: 10000053

## How to Replace the MDC-360/MDC-370 Front Panel

### IMPORTANT NOTES

**Only a qualified technician should carry out this procedure as removing the top cover may expose you to DANGEROUS VOLTAGE LEVELS.**

- Turn the MDC-360/370 off and unplug the power cord from the back of the controller.
- Remove top cover screw and slide top cover off.
- Remove two front screws of the front panel retainer to remove retainer.
- Observe and label the orientation of the cables before you disconnect any of them.
- Unplug the ON/OFF switch wires (2 black wires with pink end slug connectors) from the power entry module.
- Disconnect J6 header (connector with 9 bus wires black, white, gray, purple, blue, green, yellow, orange, red) from the Main Board.
- Unplug Display Logic ribbon cable (J4) from Main Board (J24).
- Disconnect J21 header (connector with 4 bus wires brown, red, orange, yellow) from Main Board. Remember to note orientation.
- Disconnect speaker connector (connector with 2bus wire brown, and red) from Display Logic Board (J8).
- Slide off the Front Panel Assembly from the chassis and replace with the new Front Panel Assembly. Carefully slide in new Front Panel Assembly to the MDC-360 chassis.
- Connect speaker connector (connector with 2bus wire brown, and red) to Display Logic Board (J8).
- Plug the Display Logic ribbon cable (J4) to the Main Board (J24).
- Connect J9 of Display Logic (connector with 4 bus wires brown, red, orange, yellow) to Main Board (J21). Remember to observe the orientation.
- Connect the 9 pin header (wires black, white, gray, purple, blue, green, yellow, orange, red) back to the Main Board (J6).
- Plug the ON/OFF switch cables (2 black cables with pink end slug connectors) back to the corcom.
- Align the front panel retainer and secure down using the two front screws.
- Slide top cover back to chassis and install the top cover screw.
- Plug the power cord and turn MDC-360 ON and check for correct operation.

If you have any questions please contact the factory for support.

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Related Products:	<a href="#">MDC-360C</a> , <a href="#">MDC-361C</a>
Product Line:	Thin Film / Vacuum
Notes:	This Tech Note also applies to: MDC-360 (obsolete), MDC-361 (obsolete), MDC-370 (obsolete)  Originally released as THIN FILM TECHNICAL NOTE V-153