

LCD upgrade kit

FOR YOUR 12" Nematron IWS 1013 CRT includes
MK101



MONITECH
PRACTICAL SOLUTIONS FOR INDUSTRIAL DISPLAYS


IMPORTANT:

WARRANTY

Before using any MONITECH product please carefully review this Manual as well as any additional documentation provided with your shipment.

Attempting any of the following will void product warranty:

- unauthorized repairs or parts replacement
- inappropriate use or placement: exposing product to liquids, harmful gases, electrical shock, physical shock, temperatures beyond the range of -4°F to 140°F (-20°C to 60°C)
- use of electrical voltage other than 12V 4.16A (power supply and AC cable provided)
- Removal or modification of serial, product, or warranty labels.

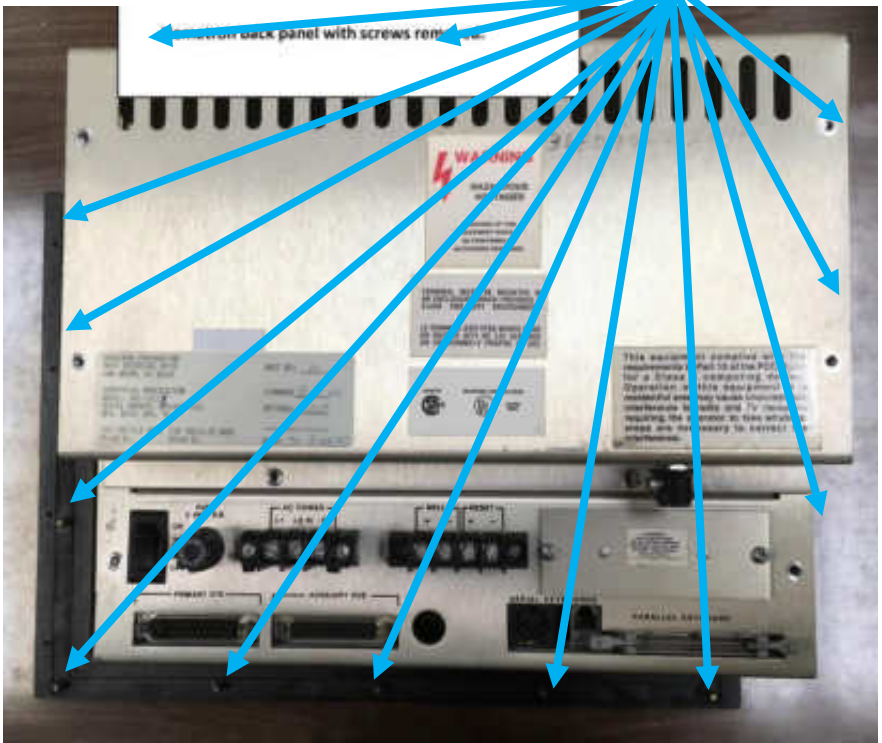
	WARNING	
	ELECTRICAL HAZARD DO NOT OPEN	
<p>TO AVOID ELECTRICAL SHOCK DO NOT OPEN PRODUCT CASING. UNAUTHORIZED REPAIRS OR PARTS REPLACEMENT ARE PROHIBITED AND WILL VOID PRODUCT WARRANTY. PLEASE RETURN TO MONITECH FOR REPAIRS.</p>		

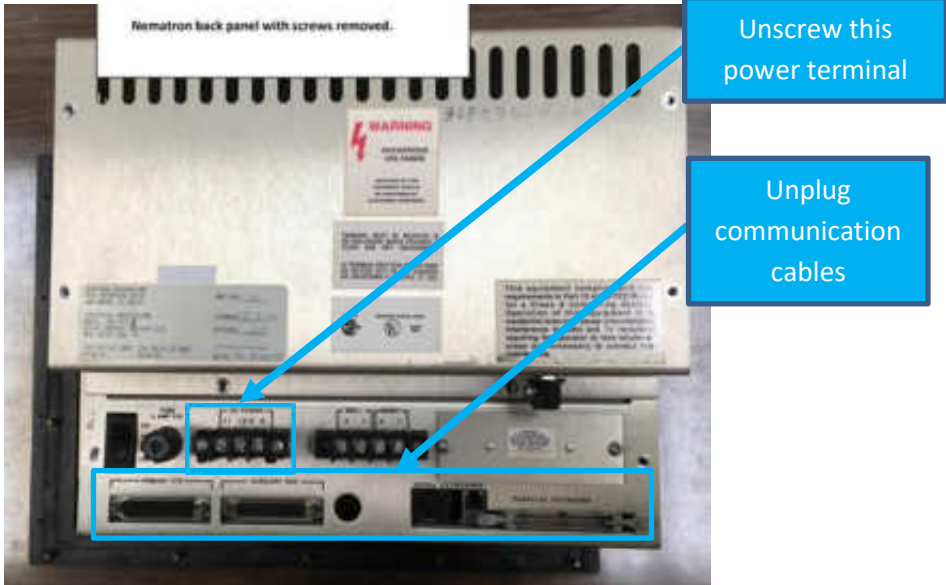
REMOVAL:

Step #1) Turn off turn off main power, turn off machine.

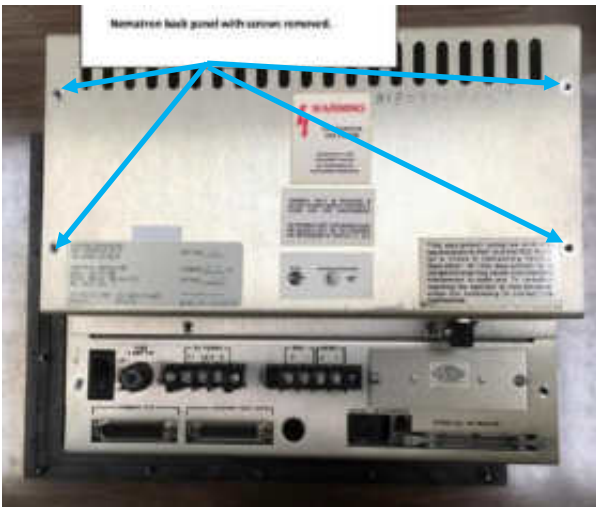
Step #2) Unplug the power plug and communication cables from the back of the HMI. Take the HMI out of the machine by unscrewing the fasteners holding it in place.

Unscrew the nuts from these studs to take the HMI out of the machine





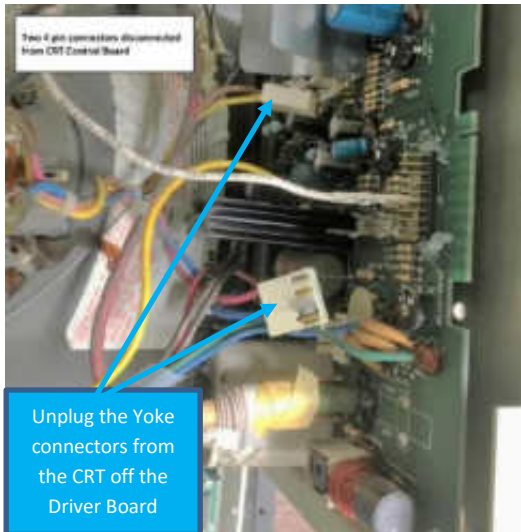
Step #3) Take the back cover & potentiometer off the HMI. Remove the screws shown, keep the screws removed for re-installation.



Step #4) This is what you got. Unplug the controller power & video cable off the driver board. Unplug the controller power connector from the power supply board.



Step #5) Take Anode Lead off the CRT with pliers. Unplug Degauss Connectors off the CRT. Unplug the Yoke connectors from the CRT off the Driver Board.



Remove degauss connectors

Step #6) Remove the Driver Board out of the HMI. Remove the CRT out of the HMI by unscrewing the 4 screws holding in place. Keep the 4 screws for installing your Monitech Monitor.



Here is what is left.

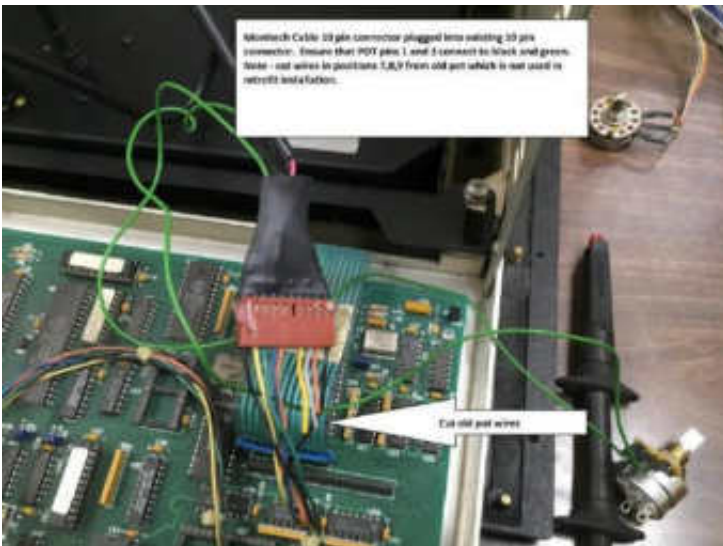


INSTALLATION:

Step #7) Put Monitech's Monitor in the housing using the four screws previously holding the CRT in place. Connect the MAV097-A (Video & Power Adaptor Cable) into the LCD Monitor.



Step #8) Connect the MAV097-A into your controller Video & Power Cable.



*****NOTE: IF YOU HAVE DIFFERENT CONNECTOR FOLLOW THIS STEP.**



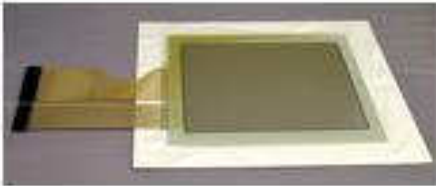
Step #9) Before Mounting the HMI back into the machine. Turn On power and Main Power to test the Monitor. If Video is on use the User Guide to Adjust the Screen. Then plug the controller power connector back into the power supply. Mount the HMI back into the machine. Then do Steps 1-3 in reverse.



Enjoy your rejuvenated display!!! From the Monitech Family we thank you for business.

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For Technical Support, Call
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