LCD upgrade kit

FOR YOUR LCD Upgrade Kit for 9" Xycom 2005 CRT includes MK032

M□NITECH
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.

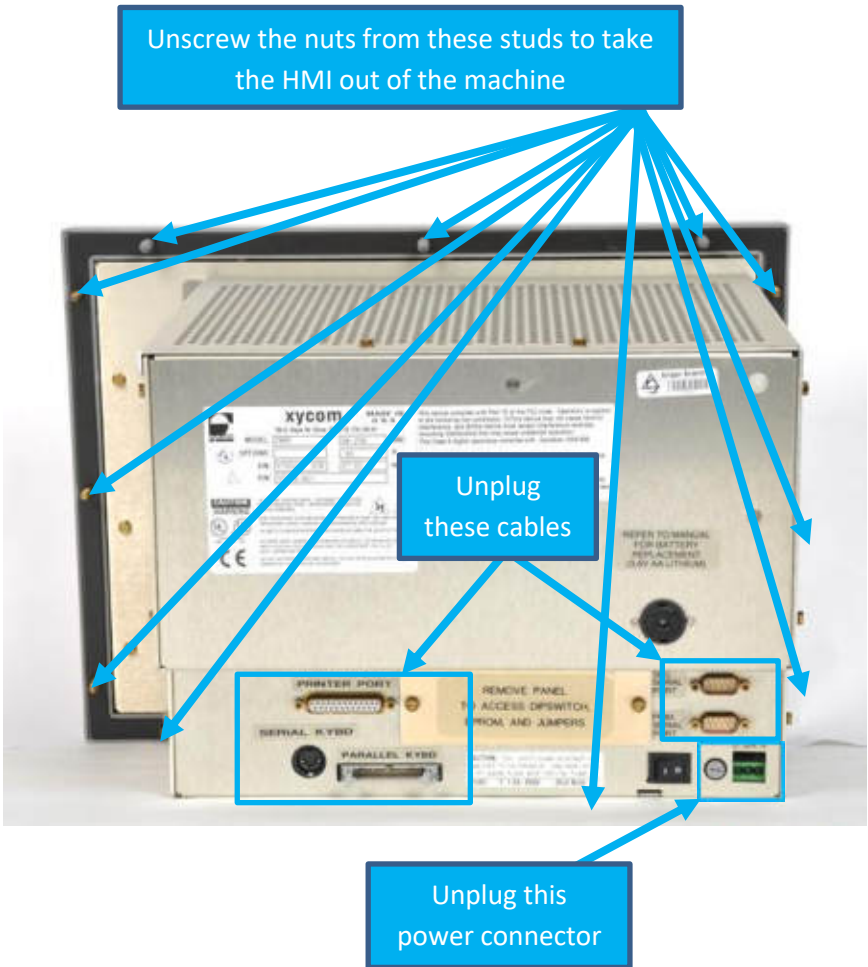**Attempting any of the following will void product warranty:**

- 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	⚠
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.		

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

Unplug these cables

Unplug this power connector

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

To see the CRT and controller you must remove the back panel by unscrewing the screws hold
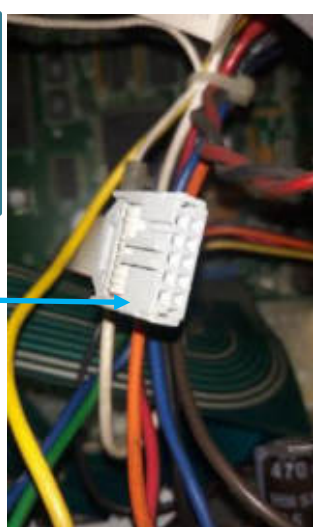

Step #4) This is what you got. Unplug the power & video cable off the driver board & remove driver board.

Logic board

Unplug the video & power cable. For Xycom 2005, there is 2 types of connector we have seen in the CRT.
Green Edge Connector or **10 Pin white connector**

REMOVE THE DRIVER BOARD FROM THE ASSEMBLY.

Step #5) This is what you got. Unscrew the 4 fasteners holding the CRT in the frame of the HMI, keep the screws for re-installation. Remove the both the CRT POWER SUPPLY BOARD & CRT from the HMI frame.

Screw to remove to free the CRT frame from the HMI

REMOVE THIS BOARD CRT POWER SUPPLY BOARD

INSTALLATION:

Step #6) Put Monitech's Monitor in the housing using the four screws previously holding the CRT in place. Connect the Video & Power Controller cable to our adaptor cable. ***(NOTE: THERE IS 2 TYPES CONTROLLER VIDEO AND POWER CABLES FOR XYCOM 2005)

OPTION #1 – WHITE 10 PIN CONNECTOR – USE MAV142

OPTION #2 – GREEN EDGE CONNECTOR – USE MAB409
Use the same mountng for the monitor, but for the
adaptor cables use this line card to show you how to set
up the edge connector board for either applications that
have 12 VDC in your controller video & power cable, or
if the 12 VDC is missing from the controller video cable.
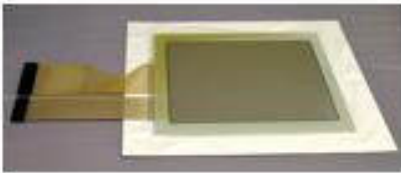
Use IG_MPCB003

Step #7) 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 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.

For Technical Support, Call
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