

# LCD upgrade kit

FOR YOUR LCD Upgrade Kit for 12" Xycom 4850  
CRT includes MK018



**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.

	<b>WARNING</b>	
	<b>ELECTRICAL HAZARD DO NOT OPEN</b>	
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:

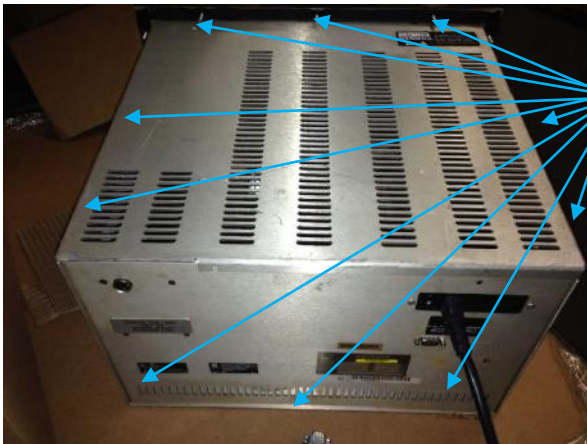
**Step #1)** Turn off turn off main power, turn off machine.

**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.

Unplug the communication cable



Unplug this power connector



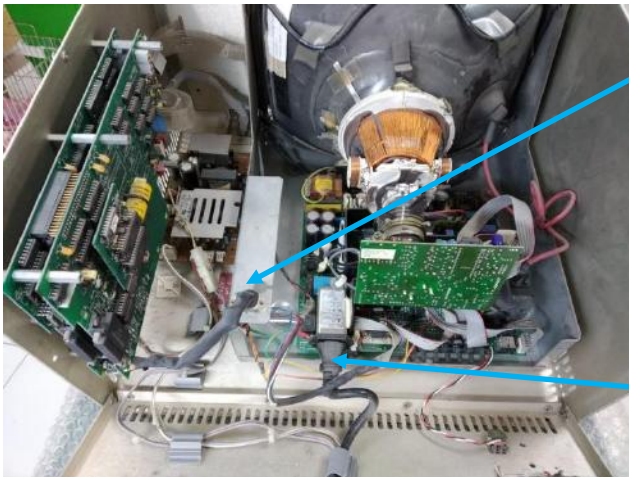
Unscrew the nuts from these studs to take the HMI out of the machine

**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 & CRT Housing.



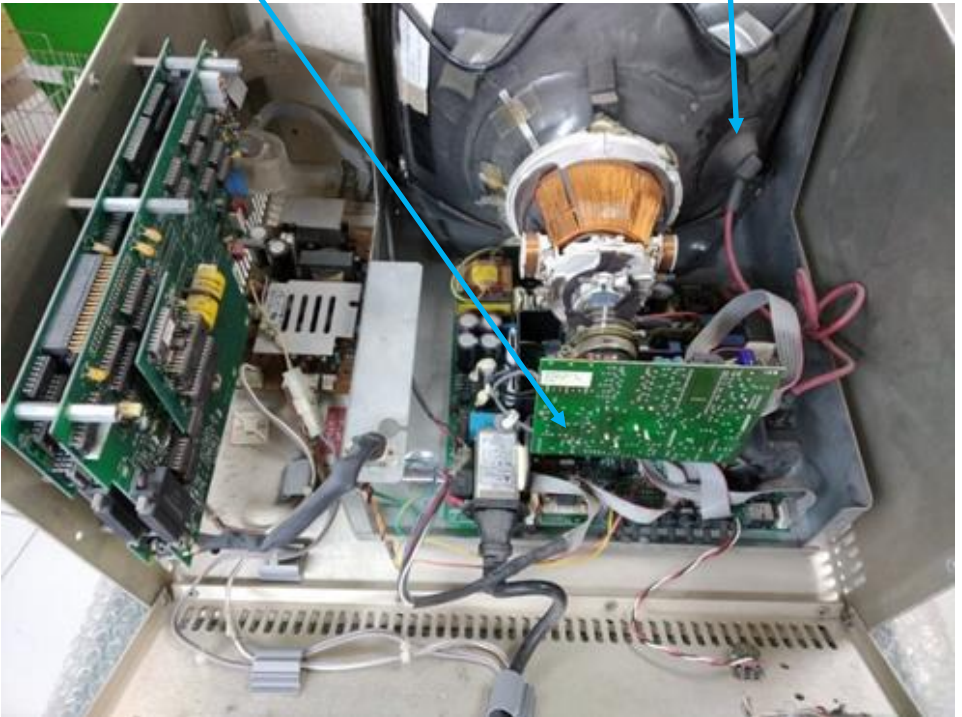
Unplug the video cable

Unplug the power cable

**Step #5)** Remove the Anode lead from the CRT, with a flat head screwdriver. Remove the neck board from the CRT.

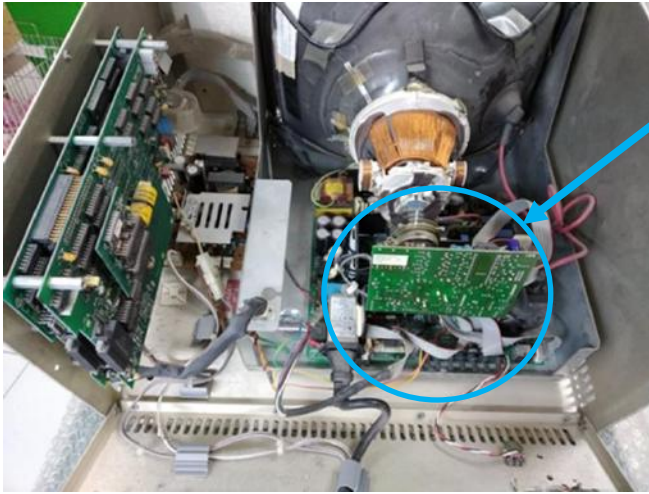
Unplug the Neck Board

Remove the Anode Lead

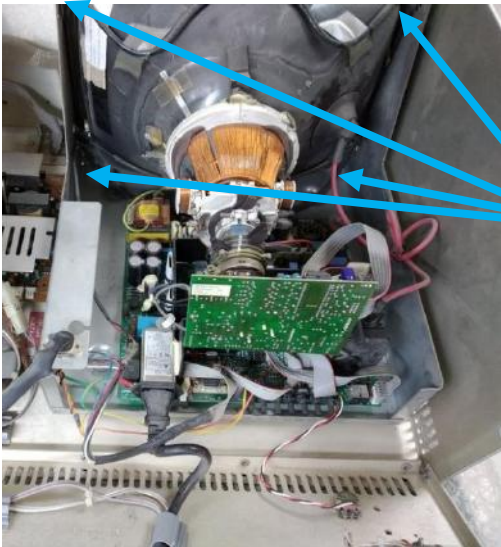


**Step #6)** Take the CRT Housing out of the HMI Frame. Make sure to keep all the screws for re-installation.

**Step #7)** Take the driver board out of the CRT Frame. Unscrew the Screws holding the CRT to the frame. Keep these screws for installing your Monitech Monitor. The CRT housing should be empty with nothing attached to it.



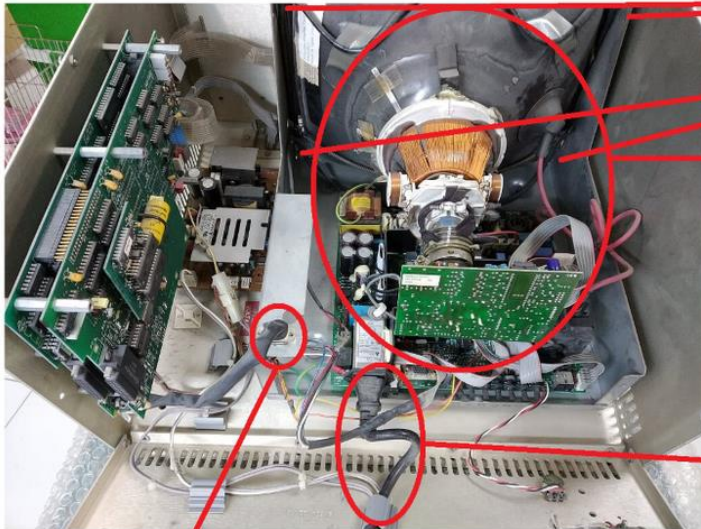
REMOVE THE DRIVER BOARD FROM THE ASSEMBLY.



Unscrew these 4 screws to remove the CRT from the Housing

# INSTALLATION:

**Step #8)** 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.



Use the CRT frame to mount our LCD Replacement.

Take all the parts out of your CRT frame, Keep the frame to mount our monitor.

Your will be substituted with our power cord and power supply. 110-240 VAC - 12 VDC



Connect your video cable to our apator cable . and then connect to other side to our monitor.



**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 mount the HMI back into the machine. Then do Steps 1-3 in reverse.

19" & 12" LCD USER MANUAL N SERIES

One touch does it!



**MONITECH**  
PRACTICAL SOLUTIONS FOR INDUSTRIAL DISPLAYS

MONITECH-19/12" N SERIES

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

For Technical Support, Call

**1-877-493-6105**

[Support@Monitech.com](mailto:Support@Monitech.com)

**MONITECH**

20 Howard Place  
Kitchener, Ontario N2K 4Z4  
CANADA 519.725.222