LCD upgrade kit

FOR Allen Bradley PanelView 1200 (2711-TC, 2711-KC, 2711-TA, 2711-KA, 2711E-T12C & 2711E-K12C)

Video Link:
https://www.youtube.com/watch?v=ofbcp_TsfG8&ab_channel=Monitech

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.

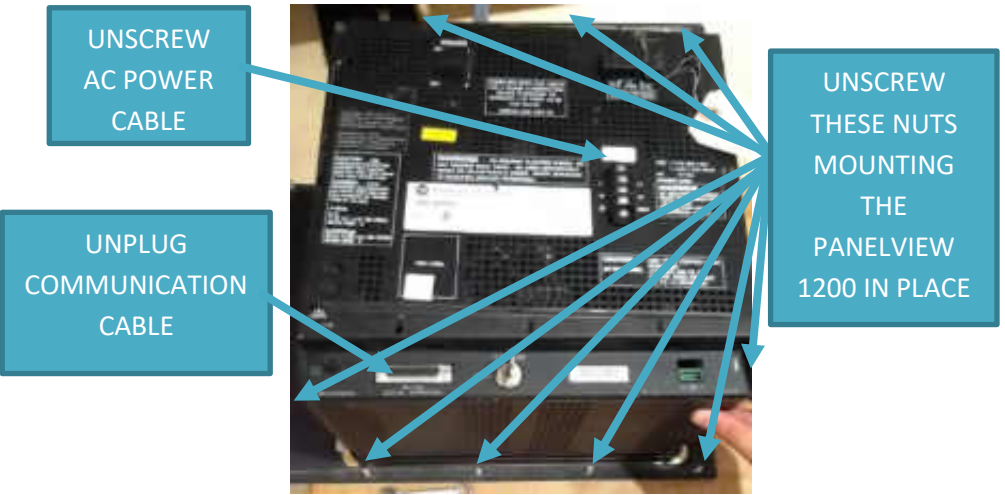**Attempting any of the following will void product warranty:**

- 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**	
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) Open up the rear panel. Unscrew AC power cable and unplug the unplug the communications cable. Unscrew the surrounding nuts holding the Panelview 1200 into your machine. Keep all fasteners for re installation.

UNSCREW AC POWER CABLE

UNPLUG COMMUNICATION CABLE

UNSCREW THESE NUTS MOUNTING THE PANELVIEW 1200 IN PLACE

Step #3) Remove the Computer board section by first unscrewing the 2 screws holding it place then disconnect the touchscreen, power, and video connectors from the board. Keep all fasteners for re installation.

Step #4) Remove the back cover, by unscrewing the surrounding fasteners that mount the cover in place. Disconnect the single ground or if you have a fan, disconnect the fan plug. Keep all fasteners for re installation.

FAN PLUG

Step #5) Remove the screws and nuts, that is holding the black cover on the bezel. Keep all fasteners for re installation.

Step #6) Remove high voltage from the CRT by placing a screwdriver underneath the rubber of the anode lead and the other end touch metal, with another screwdriver put the tip onto metal and cross it with the first screwdriver. Then remove the anode lead by pushing one contact in so that it.
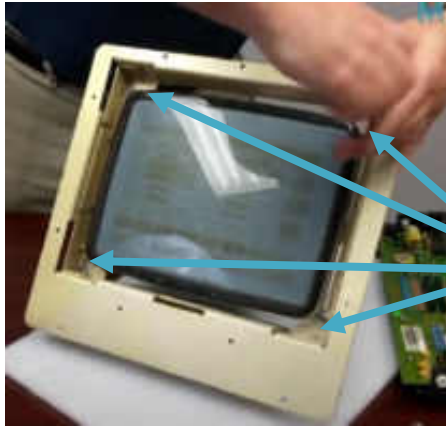

Step #7) Unscrew the CRT driver board from the metal frame. Keep all fasteners for re installation.

Step #8) Unscrew the nuts holding the gold CRT frame in place. Take it off the front bezel. Keep all fasteners for re installation.
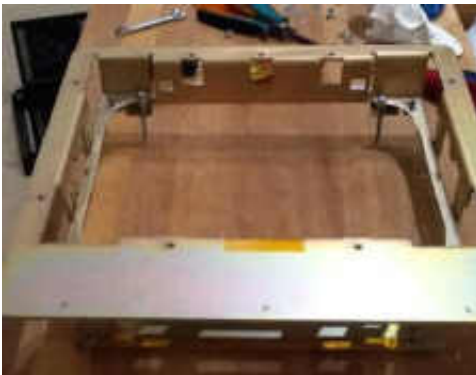
Step #9) Now you are left with the CRT in its gold frame. Unscrew the fastener holding the CRT in place to take the CRT out of the frame. Keep all fastener removed for re-installation.

Unscrew the fastener holding the CRT in place to take the CRT out of the frame.

INSTALLATION:

Step #10) Now you are left with the CRT housing in which you are going to use to mount your Monitech Monitor in with the nuts that where holding the CRT in place. Take the Monitech Monitor out of your box and mount it.

Step #11) Now take the Monitor that is attached to the old CRT frame and attach to the front frame with the fasteners prevously take off. Make sure the touchscreen cable does through the hole.

Step #12) Place the Black cover back on with screws prevousily taken off. Then mount the power supply part back in.
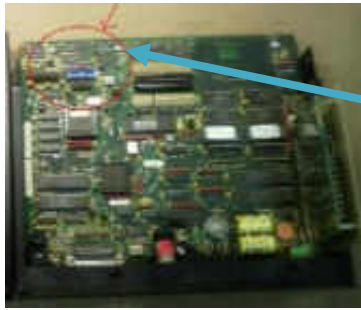

Step #13) Place the computer section back in. Connect the power supply connector and the touchscreen connectors to the board.

Step #14) Please check which computer board you have. Depening on your board you will have different Video Adaptors needed. Connect the adaptor cables as shown. Feed the VGA side of the adpator cable into the frame.
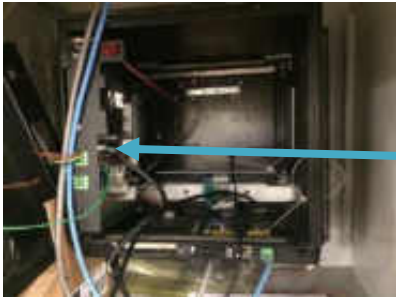

When having this board, you will need MAV515 or MAV527

When having this board, you will need MAV025

Step #15) If you are using MAV527 or MAV515. You must use the MAP351 power apator cable connect as shown on your panelview power supply. Then connect it to MAP307.

Step #16) Close the computer section and mount it in with screws. Connect the Video cable into the Monitech monitor. Plug in the power jack into the Monitech Monitor.

Step #17) Connect AC power to the back cover. Turn ON the PanelView Power. Use the user guide to centre your screen. Once fully adjusted screen installs the terminal back into the machine. Mount the back cover back on and connect the ground and the fan plug. Connect all communication cables and power cables. Mount the terminal in using the surrounding screws. Test again when the main power and machine power are on.

YOU ARE ALL SET!!! AT MONITECH, WE THANK YOU FOR YOUR BUSINESS

Enjoy your rejuvenated Monitor.
Call us to order more HMI replacement parts.

Keep your AB PanelView's up and running!

Replacement: LCD's, Backlight's, Keypad's & Touchscreen's for the whole 550 line.

Replacement: LCD's, Backlight's, Keypad's & Touchscreen's for the whole 600 line.

Replacement: LCD's, Backlight's, Keypad's & Touchscreen's for the whole 900 line.

Replacement: LCD's, Backlight's, Keypad's & Touchscreen's for the whole 1000 line.

Replacement: CRT TO LCD CONVERTION's, Backlight's, Keypad's & Touchscreen's for the whole 1200 line.

NEW LCD

Replacement: CRT TO LCD CONVERTION's, Backlight's, Keypad's & Touchscreen's for the whole 1400 line.

For Technical Support & Inquiries call
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