LCD upgrade kit

With panel mount & touchscreen combo for 14" HPM Command 90 with MK082

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.

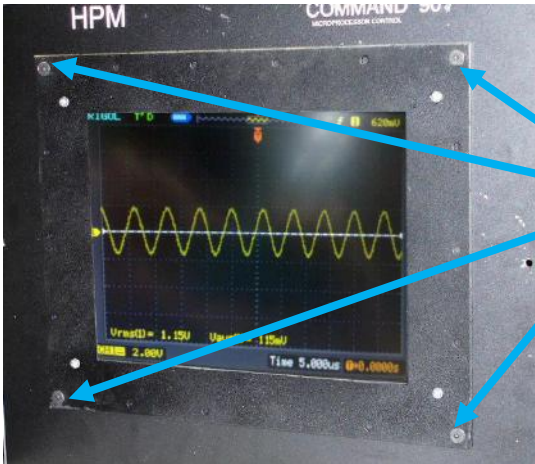**Attempting any of the following will void product warranty:**

- 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.

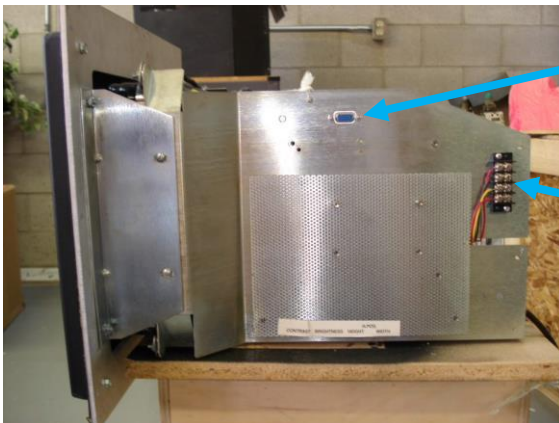| ⚡	**WARNING**	⚠
	ELECTRICAL HAZARD **DO NOT OPEN**	
TO AVOID ELECTRICAL SHOCK DO NOT OPEN PRODUCT CASING. UNAUTHORIZED REPAIRS OR PARTS REPLACEMENT ARE PROHIBITED AND WILL VOID PRODUCT WARRANTY. PLEASE RETURN TO MONITECH FOR REPAIRS.		

REMOVAL:

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

Step #2) Unscrew the mounting holding the HMI in place. Remove: AC power cord, CGA Video Cable, 5Vdc (2 wires), 1 x Negative Touch screen wire, 1 x Positive Touch screen wire

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

Unplug this cable

Unscrew the 5Vdc (2 wires), 1 x Negative Touch screen wire, 1 x Positive Touch screen wire from the terminal.
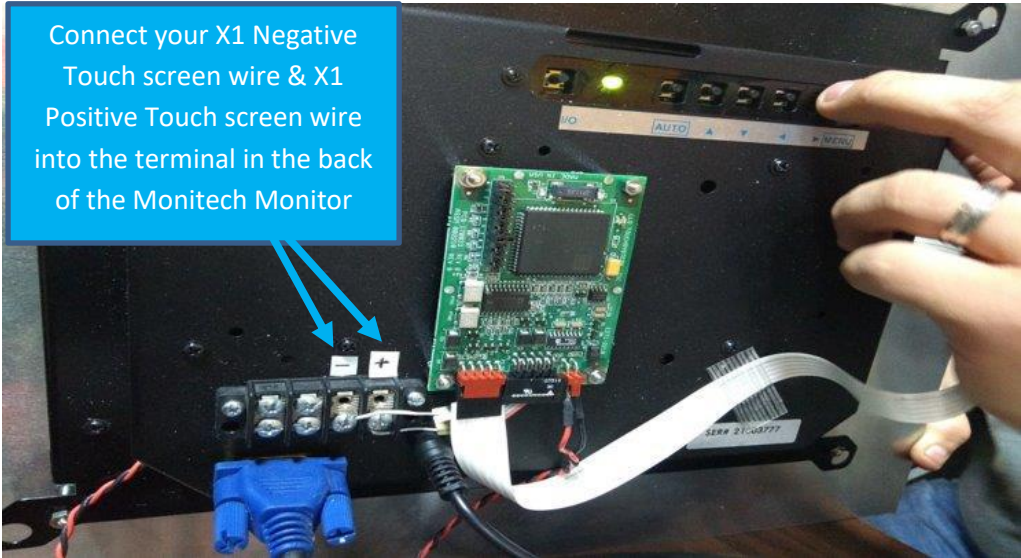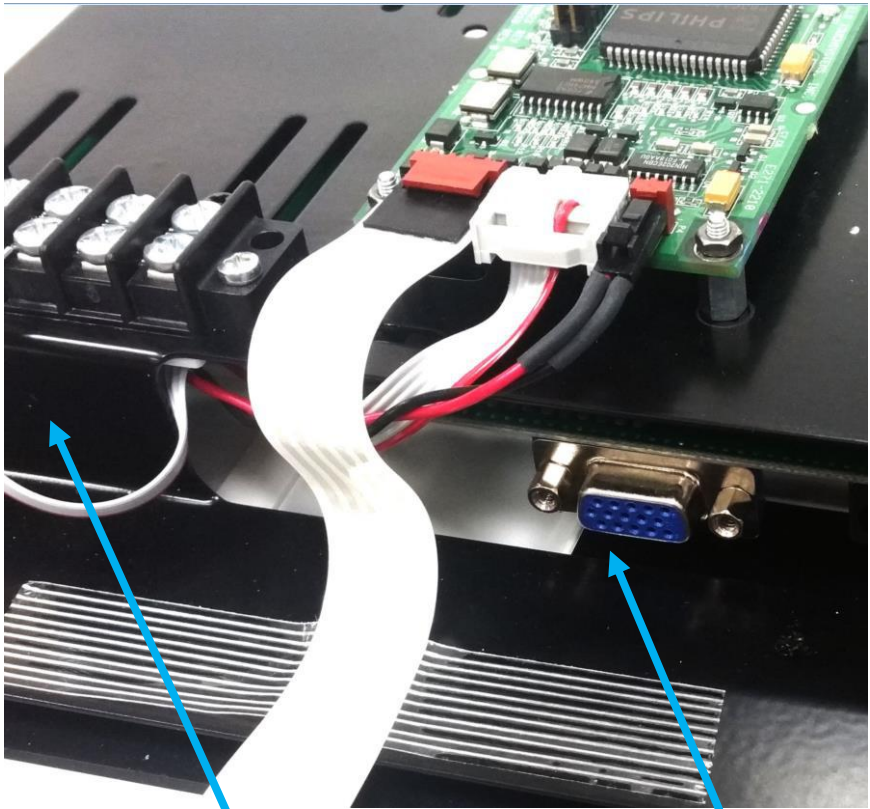
Unplug the AC Power, CGA and VGA

INSTALLATION:

Step #3) Get your Monitech Monitor out of your box & use the your MK082 Cable Kit.
Connect the cables:

a. Connect the AC power cord to the power adapter and plug the 12Vdc into the monitor. Use MAP307 (Power Supply)

b. Connect the video cable (for some older machines, the adapter video cable (MAV551) may be needed. Be prepared to use or not use the provided video adapter cable)

c. Do not connect the 5Vdc, secure these wires in the machine, they are not needed, since the monitor supplies its own 5Vdc

d. Connect your X1 Negative Touch screen wire & X1 Positive Touch screen wire into the terminal in the back of the Monitech Monitor

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MAP307

MAV551

Connect your AC Connector from your machine to the MAP307. Plug in the DC power jack into the Monitor
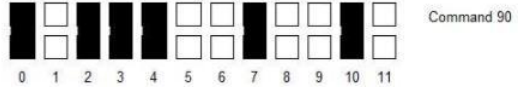
Connect MAV551 to the Monitor and to your CGA from your Controller Video Cable.

Step #4) Make sure the ELO Board has the jumper as this. If you have no video – add or remove the adapter cable.

Turn on the machine & Use the user controls to adjust the image so that it fits on the screen correctly. Try the auto adjust button first.

ELO Board

Step #5) Mount LCD in front of the HPM control panel.

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

For Technical Support, Call
1-877-493-6105
Support@Monitech.com

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