

MX080LCDPT

LCD MONITOR FOR PROTOTRAK MACHINES

INSTALLATION & USER GUIDE



EASY TO INSTALL



TECHNICAL SUPPORT
BY PHONE



HIGHLY RELIABLE



BUILT IN THE USA



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MONITOR EXPERTS

MX080LCDPT

8-inch LCD Retrofit Monitor for ProtoTRAK CNC Controls

INSTALLATION | OPERATION | ADJUSTMENT GUIDE

Revision 2

Introduction

The MX080LCDPT is a direct-replacement 8-inch LCD monitor for selected ProtoTRAK CNC controls equipped with the original CRT monitor. It is designed for easy installation using the machine's original mounting points and connections. No wiring, soldering, or cabinet modification is normally required.

Safety Information

Turn OFF the machine and disconnect electrical power before opening the control cabinet.

Use care when removing the original CRT monitor. CRT assemblies may be heavy and can retain electrical charge.

Do not force connectors. Confirm the correct position and orientation before connecting them.

Keep the monitor dry and free from metal chips, oil, coolant, and conductive dust.

Package Contents

MX080LCDPT LCD Retrofit Monitor

Installation | Operation | Adjustment Guide

Installation Procedure

1. Turn OFF the ProtoTRAK machine and disconnect power before working inside the control cabinet.
2. Carefully remove the original CRT monitor and retain the original mounting hardware.
3. Install the MX080LCDPT using the original mounting points and hardware.
4. Connect the Video-Power connector. Verify that Pin 1 is GND and Pin 7 is +12VDC before powering on the monitor.
5. Confirm that all connectors are fully seated and secure.
6. Turn ON the ProtoTRAK machine.
7. Wait until the ProtoTRAK screen is fully visible.
8. Press AUTO once and allow the monitor a few seconds to complete the automatic adjustment.
9. If necessary, use the OSD menu for minor width, position, or color adjustments.

Rear Panel Controls

Basic Operation

1. Turn the machine and monitor ON.
2. Wait until the ProtoTRAK display is completely visible.
3. Press AUTO once.
4. Allow a few seconds for the monitor to optimize the image.

Image Width Adjustment

Use this adjustment when text or letters are cut off on the left or right side of the screen.

1. Press MENU twice, scroll down to WIDE, and press MENU.
2. Press LEFT to reduce the image width or RIGHT to increase it.
3. When the desired width is achieved, press AUTO to save the adjustment.

Image Center Adjustment

1. Press MENU twice and scroll down to H.POSITION.
2. Press LEFT or RIGHT to center the image.
3. When the image is centered, press AUTO to save the adjustment.
4. Repeat the same procedure for V.POSITION.

Image Color Adjustment

1. Press MENU twice and scroll down to COLOR ADJUST.
2. Press MENU, then press LEFT or RIGHT to select USER, WARM, or COOL.
3. USER is normally adjusted for green text.
4. (Applicable only to VGA ProtoTRAK monitors.) To create another color such as amber, enter COLOR ADJUST and press MENU three times to access the individual R, G, and B values. Adjust the values until the desired color is obtained.
5. Press AUTO to save the adjustment.

Troubleshooting