

MONITOR

EXPERTS

MX080LCDFN

9-INCH FANUC CRT MONITOR REPLACEMENT

INSTALLATION • OPERATION • ADJUSTMENT GUIDE



EASY TO INSTALL

No modifications
required



AUTO ADJUST

One touch
optimization



RELIABLE

Industrial grade
performance



SUPPORT

Most issues resolved
by phone



MADE IN USA

QUALITY • RELIABILITY • SUPPORT

REV. 4

MONITOR EXPERTS

MX080LCDFN

LCD Retrofit Monitor for 9-inch FANUC CNC Controls

Installation • Operation • Adjustment Guide

Revision 4

Introduction

The MX080LCDFN is a direct replacement LCD monitor for selected 9-inch FANUC CRT monitors. Installation normally requires no wiring modifications. After installation, press the AUTO button once to optimize the image.

Installation Procedure

1. Turn OFF the CNC machine.
2. Remove the original CRT monitor.
3. Install the MX080LCDFN using the original mounting hardware.
4. Connect the original power and video cables.
5. Turn ON the CNC machine.
6. Wait until the image appears.
7. Press AUTO once.
8. Fine tune the image if necessary using the OSD menu.

Rear Panel Buttons

POWER – Monitor ON/OFF

MENU – Opens the OSD Menu

LEFT – Previous Menu / Decrease Value

RIGHT – Next Menu / Increase Value

AUTO – Automatic Image Adjustment

Rear Panel Switch (Video Polarity)

The MX080LCDFN includes a **Video Polarity Switch** located on the rear panel.

Normal Display

- Green text
- Black background

If the display is reversed

If the screen shows **black text on a green background**, move the Video Polarity Switch to the opposite position. The display should immediately change to **green text on a black background**. No additional adjustment is required.

Important: Do not adjust the OSD menu to correct reversed colors. Simply change the Video Polarity Switch position.

Keypad Lock & Unlock

Lock

1. Turn the monitor OFF.
2. Press and HOLD MENU + RIGHT.
3. While holding both buttons, press POWER.
4. Continue holding the buttons for approximately 3 seconds after the monitor turns ON.
5. Release all buttons. The keypad is now locked.

Unlock

1. Turn the monitor OFF.
2. Press and HOLD MENU + LEFT.
3. While holding both buttons, press POWER.
4. Continue holding the buttons for approximately 3 seconds after the monitor turns ON.
5. Release all buttons. The keypad is now unlocked.

IMPORTANT

The monitor must be OFF before starting the Lock or Unlock procedure.

Do NOT release the buttons immediately after pressing POWER.

Keep holding the buttons until the monitor has completely powered ON (about 3 seconds).

If the keypad does not lock or unlock, repeat the procedure carefully.

Troubleshooting

Problem	Solution
No image	Check power and video connections.
Image shifted	Press AUTO once.
Image unstable	Verify signal compatibility.
Black text on green background	Move the Video Polarity Switch.
Keypad locked	Follow the Unlock procedure above.

Technical Support

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