TIMELINE

q   OPTIONAL

q   RECOMMENDED

ｑ   MANDATORY

Micro Lynx Grounding Modifications

DATE: 12/16/93

MODEL: Micro Lynx

REVISION: All

SERIAL NO: 140-451 and 663-847

SOFTWARE: All

REQUIRED TOOLS:

Static safe workstation	2 each 26 AWG jumper wire
Grounding wrist strap	Phillips screwdriver
Soldering Iron	Exacto blade

DESCRIPTION:

This service bulletin details a minor modification to the Micro Lynx grounding scheme. Two wire jumpers, which connect chassis ground to digital and analog ground, are added to the Micro Lynx System Unit motherboard and connector board. This modification prevents the audio "buzz" that has been encountered in some Micro Lynx installations.
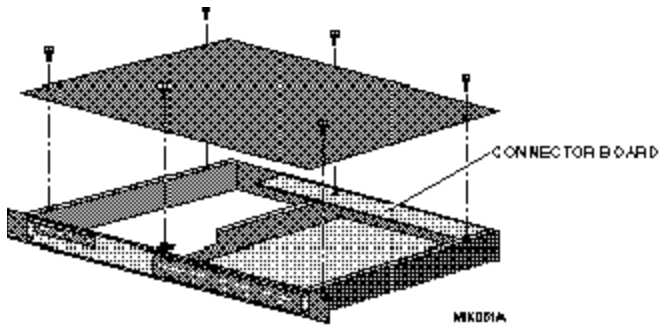
PROCEDURE:

Connector Board Modification

1. Turn off the System Unit and disconnect all cables from the rear panel. Place the System Unit on a static safe workstation. Ground yourself and the workstation anti-static mat.

2. Remove the six phillips screws securing the top cover of the System Unit, and remove cover. See Figure 1.

3. Turn the System Unit so that the **back** panel faces you.

4. On the connector board (solder side), locate connector J1, time code reader 1 input, and solder a wire jumper between sleeve ground and the feed through hole as shown in Figure 2.

Figure 1. Remove the Top Cover

PROCEDURE continued:

5. On the solder side, using an exacto blade, neatly cut the trace between connectors J4 and J5, as shown in Figure 2.
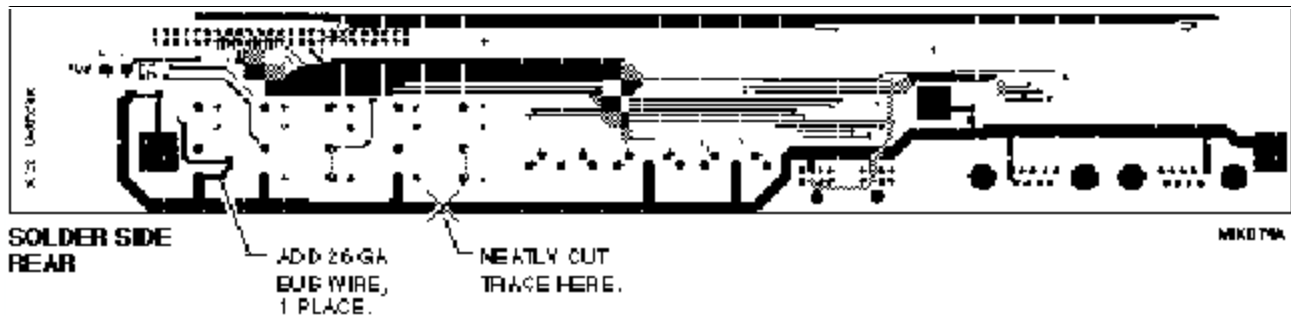

Figure 2. Jumper Insertion on Connector Board Solder Side

6. Replace the System Unit top cover. Insert and tighten the six phillips screws that secure the cover to the chassis.

Motherboard Modification (Serial Numbers 140-451 only)

7. Turn the System Unit over and remove the six phillips screws securing the bottom cover. Remove the bottom cover.

8. Turn the System Unit so that the **back** panel faces you.

9. Locate connector J12, the RJ45 keyboard connector. Carefully solder a small wire jumper between the two left-hand end connector pins, as indicated in Figure 3.

10. Replace the System Unit bottom cover. Insert and tighten the six phillips screws that secure the cover to the chassis.
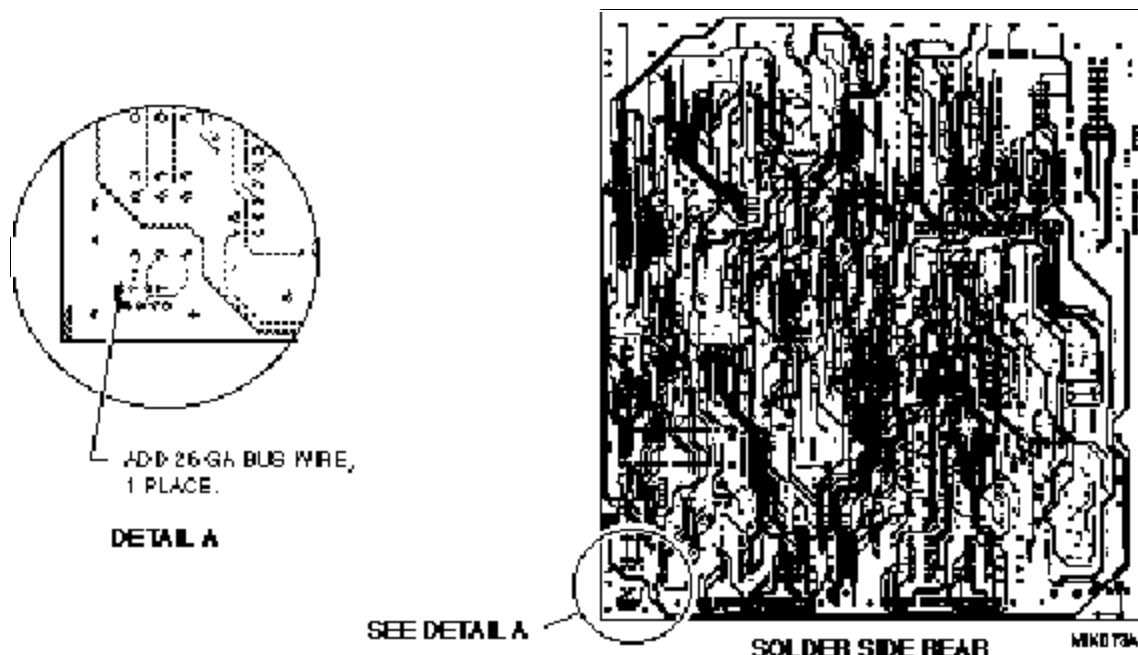
Figure 3. Jumper Insertion on Motherboard, Solder Side