

- ø OPTIONAL
- q RECOMMENDED
- ø MANDATORY

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Connector Board Modifications

DATE: 08/12/93
MODEL: Micro Lynx
REVISION: All
SERIAL NO: 663 through 847
SOFTWARE: All

REQUIRED TOOLS:

| | |
|-------------------------|----------------------------|
| Static safe workstation | 4 each 28 AWG jumper wires |
| Grounding wrist strap | Phillips screwdriver |
| Exacto knife | |

DESCRIPTION:

This Service Bulletin details two modifications to the connector board.

Mandatory: COMPUTER MAC and MIDI I/F

To permit synchronous serial communications, the connector board must be modified by connecting the EXT CLK (1 MHz bipolar) to Pin 1 of the two 8-pin Mini Circular connectors J9 and J10.

Optional: TIME CODE OUT and AUX OUT

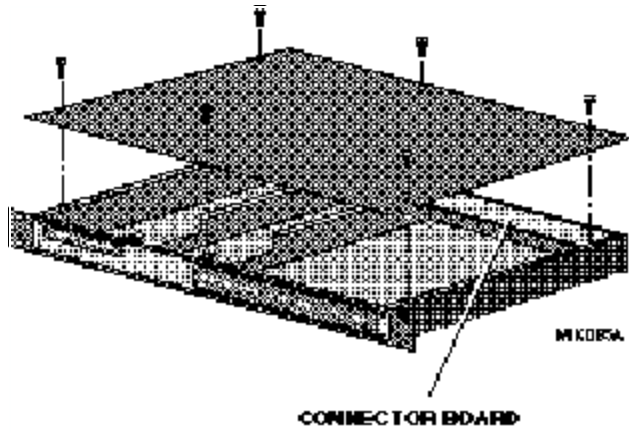
The Micro Lynx TIME CODE OUT and AUX outputs are unbalanced. The ring of both of these jack sockets is not connected. To make connections using a stereo jack plug to destination equipment, that does not provide an input shield connection, connect the ring to the sleeve inside the jack plug or perform this connector board modification.

PROCEDURE:

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.
panel faces you and remove the top cover. See Figure 1.
2. Remove the six phillips screws securing the top cover of the System Unit. Position the System Unit so that the back

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Figure 1. Open the Top Cover



PROCEDURE (continued):

3. Remove the phillips screws securing the connector board to the chassis. Disconnect J4, the Rear Panel Connector on the Main Board.
4. Slide the board to the side then lift it up and out of the chassis.

COMPUTER MAC and MIDI I/F

5. For the J9 and J10 MAC connector modification, place the board component side up, with the connectors toward you. Use an exacto knife to cut the trace. (See Figure 2)

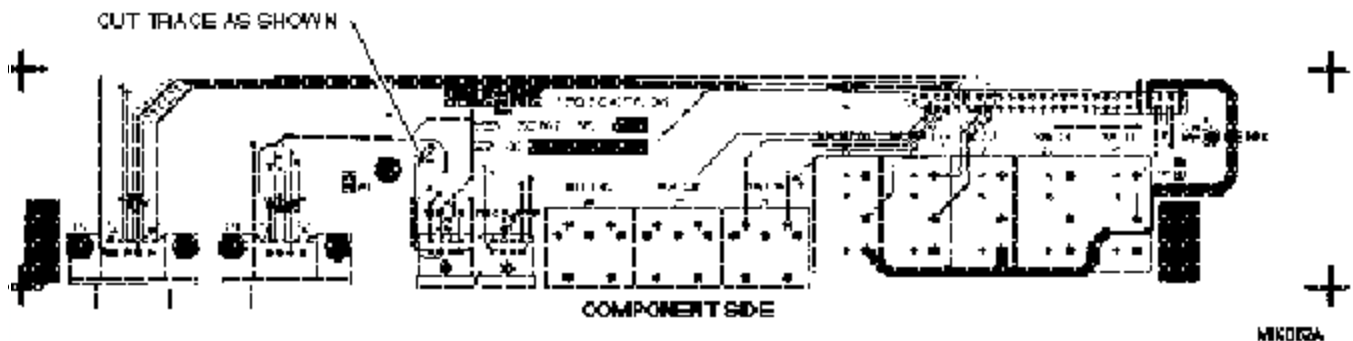


Figure 2. Cut Component Side Trace

6. Turn the connector board over (solder side up), and place the connector jacks toward you.
7. Insert a jumper from the flowthrough to Pin 1 of connectors J10 and J9. You may use one or two jumper wires. See Figure 3 for Jumper location.

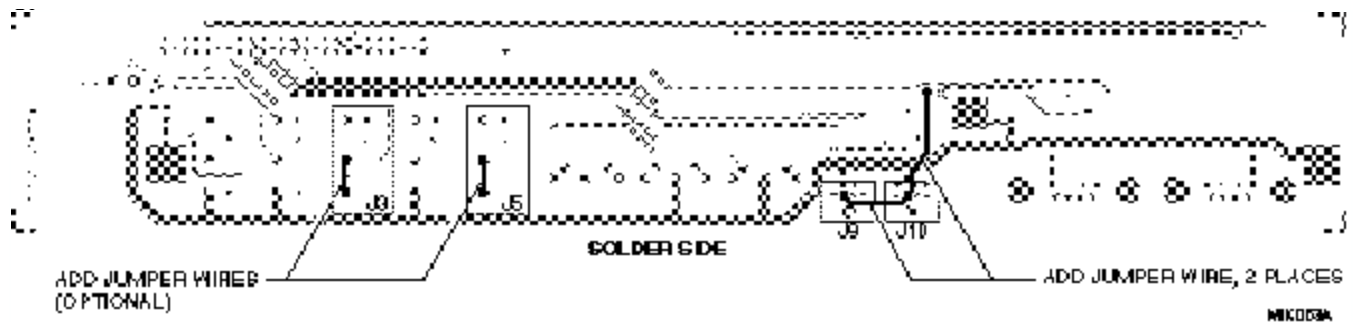


Figure 3. Jumper Insertion on Solder Side

PROCEDURE (continued):

TIME CODE OUT and AUX OUT

8. Insert a jumper between the sleeve (ground) and ring, on jacks J3, TIME CODE OUT and J5, AUX OUT as shown in Figure 3.
9. Reinstall the Connector Board into the System Unit. Insert and tighten the two phillips screws, which hold the board in place. Insert the Rear Panel Connector into J4 on the Main Board.
10. Replace the top cover. Insert and tighten the six phillips screws, which secure the cover to the chassis.

