



Application Note 1

No MADI Sync

Product:	R-1	Software Version:	3.01
Audience:	All	Document Revision:	1.0
Subassembly:	Software	Date:	January, 2002

When switching between sample rates on an R-1, you may encounter the following error message in the upper-right corner of the Tracks page of the R-1 application: “NO MADI SYNC.” This is caused either by:

- storing an invalid power-on MADI preset for that sample rate configuration;
- your system’s MADI cables are connected to the incorrect ports.

Perform the following steps to remedy this problem:

1. Verify that your Audio Decks are properly connected: check that inputs are connected to outputs, outputs to inputs; check the connections between the Audio Decks and Studio Hub MADI ports.

On all Hubs the ports are divided equally for I/O connections and Audio Decks. A four-port Hub starts connecting the Decks at port two, a six-port Hub at port 3, a twelve-port Hub at port seven.

2. In the R-1 application, select a sample rate of 44.1 (the system may reboot).
3. On the Studio Hub, navigate to the **MADI Factory Routes** menu and recall the **R-1 Factory Route**.
4. In the R-1 application, select a sample rate of 96.
5. On the Studio Hub, navigate to the **MADI Factory Routes** menu and recall the **R-1 Factory Route**.
6. In the R-1 application, switch the sample rate back to 44.1.

This sets your power-on MADI routes to the default, unless you perform custom routing.



If your custom routing causes you to lose MADI sync, perform the following steps:

1. On the Studio Hub, navigate to the **MADI Port Definitions** menu.
2. Set all the ports connected to Audio Decks to **Audio Deck** and resave your custom route.

If your custom route was made on the Mapped application, make sure your route does not change the last two channels going to the audio decks: Channels 55 and 56 at the 48 kHz sample rate and channels 27 and 28 at 96 kHz. These last two channels provide the Decks with a MADI sample count.