



Application Note 10

Sony 3348HR Machine Control

Product:	System 5 Software/Hardware	Software Version:	eMix 2.5 and higher
Audience:	All	Document Version:	1.0
Subassembly:	Various	Date:	June, 2002

NOTE: Before proceeding with the setup and wiring of a Sony 3348HR, refer to **Application Note 9** to learn how to properly distribute digital sync signals.

3348 as Master

1. Connect the word clock from the master D/A to the SH612 and the 3348.
2. Connect the 3348's **9-pin** port to one of the TT007's serial ports.
3. Connect the **LTC** from the 3348 to the TT007's **TcR** input.
4. Set the serial port connected to the 3348 to **Master**
5. Set the machine type to **TC in Play**.

T/C from Master will be active.

NOTE: If video reference is feeding the TT007 and the house digital sync generator, the LTC connection from the 3348 to the TT007 is not required. Set the machine type to **Normal** instead of **TC in Play**

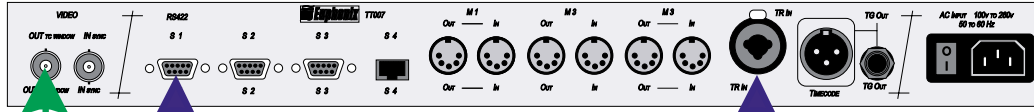
3348 as Slave

1. Connect the word clock from the master D/A to the SH612 and the 3348.
2. Connect the 3348's **9-pin** port to one of the TT007's serial ports.
3. Set the serial port connected to the 3348 to **Slave**.
4. Set the machine type to **3348**. If track arming control is needed while running as a slave, set **Re-direct** to the 3348's port.

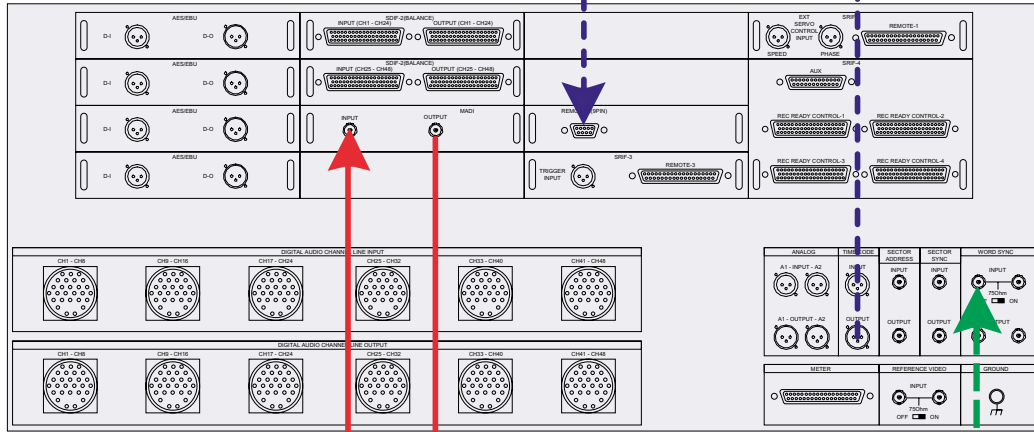
NOTE: The Sony 3348HR used for testing did not accept Track Arm and Record commands simultaneously. From the System 5 Main panel, **Machines -> Set-up -> Track Arm in Motion** should be set to **Arm Only**.

NOTE: For the 3348HR to accept locate commands, the front panel **Tape Time Display Mode** must be set to **Absolute**.

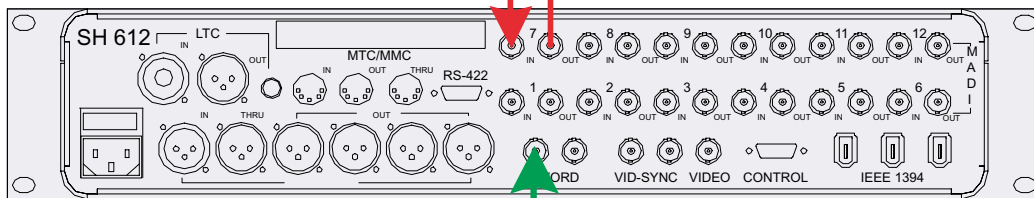
TT007



3348HR



SH612



Video Sync

Wordclock from DA

Figure 1 3348 wiring