



RM-6HD Cross-Lock

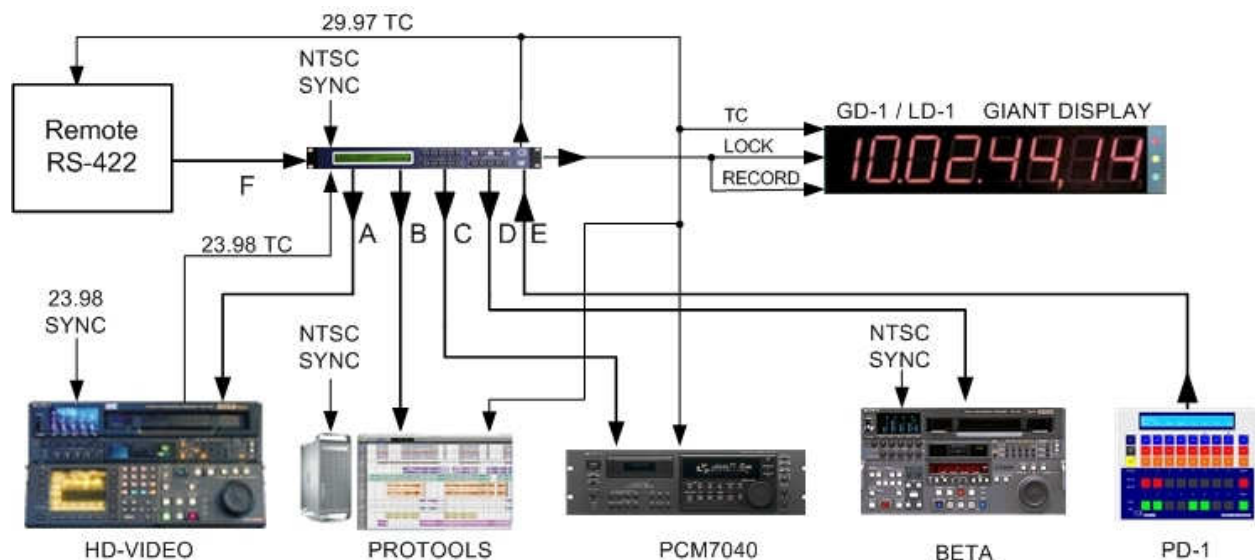
Plug and Play Cross Standard Locking

The SR/RM systems have always run mixed Drop/Non Drop code and now they allow the mixing of 24/25 or 23.98/29.97.

A new software and hardware upgrade available for the RM-6, this option allows synchronizing with mixed code standards. This option provides Plug and Play compatibility when running HD video at 24/23.97 fps frames rates with legacy equipment running EBU(PAL) or SMPTE(NTSC).

The addition of the combined Bi-Level/Tri-Level sync input allows the RM-6 to run a 29.97 master on a 23.98 system or a 23.98 master on a 29.97 system. Similarly a 24 fps master may be used on a 25fps system or a 25fps master on a 24fps system. The following combinations may be used 24:25, 25:24, 23.98:29.97 or 29.97:23.98 simply by connecting the machines.

23.98 fps Master on 29.97 fps System



External Controllers

When using External controllers such as Protools ICON you can select which code the controller reads on the serial connection, the master or the timecode generator by setting the following menu

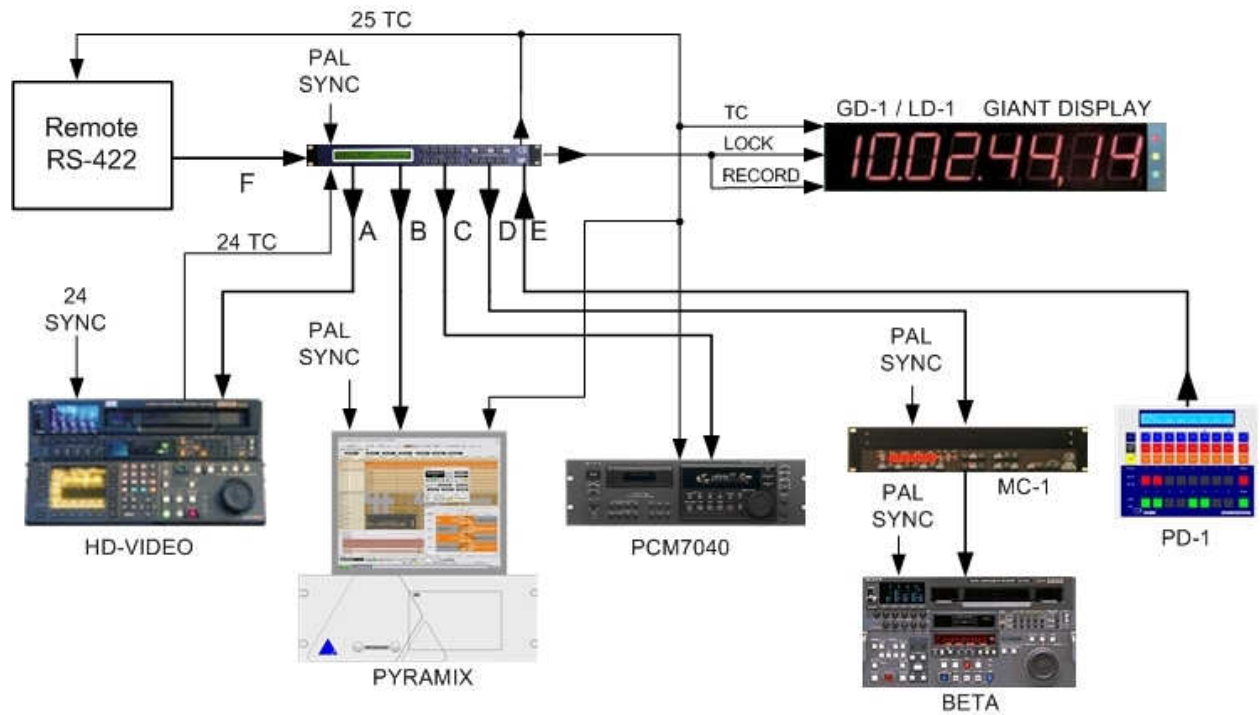
Setup/Ext/Menus 108- External Master Position & Std

Master Resolve (Available 3rd Qtr 2008)

Master Resolve allows a 24/23.97 fps master to be locked to the Slave Video Reference using programmable play. Without Master Resolve there will be a different phase error every time the master is started dependant on the relative phase of the master and slave Video Sync Signals. Master Resolve corrects the phase error and allows accurate sync every time. To enable Master resolve the Master Machine timecode output must be connected to the RM-6 timecode input and the timecode reader assigned to the master.

For more complex mixed code rate problems use the TG-1 or TG-2 to allow both standard and speed conversion of the timecode.

24 fps Master on 25 fps System



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