

HOLLAND ELECTRONICS

Technical Bulletin

Sub-Band Return System For Use In A School Environment

The use of a sub-band return system in a school environment gives you the ability to generate "in-room" video sources such as; video camera's, DVD players, VCR's, ETC., and redistribute the signal for viewing through out the entire school. With the use of a portable A/V cart the origination of the audio/video can happen in the auditorium, classroom or any room that has access to the video system without purchasing separate systems for each room.

This system is fairly easy to set-up and can usually be accomplished in a few hours time. One potential problem that can be encountered is when the existing amplifiers are forward path amplifiers and do not pass the sub-band. This problem is easily overcome with the use of two sub-band diplexers (part# SBD) that bypass the existing amplifiers.

Parts List:

- HM55-T* - Sub-Band Modulator. Specify sub-band channel to be used (T8 - T13)
- HPH-860 - Signal Processor
- SHC - Sub To High Band Converter
- SBD - Sub-Band Diplexer

