



TECHNICAL BULLETIN

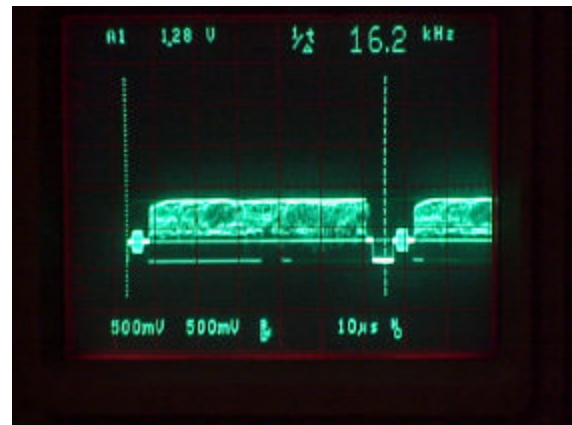
Date: Thursday, February 22, 2001
Subject: Integra Digital Video Recorder

Technical Bulletin No. TB_021301-01

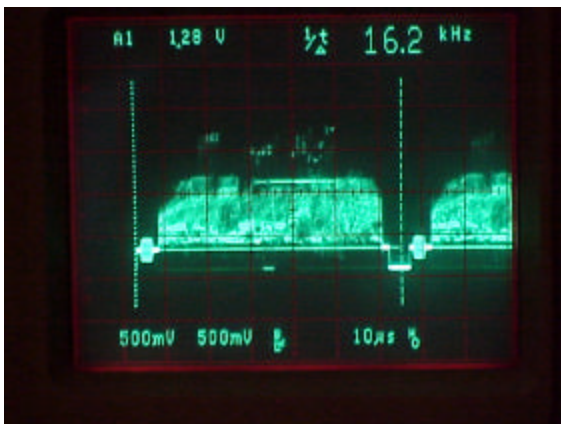
AD1600 Series Matrix System & Integra Digital Video Recorder

The video signal of the AD1600 Matrix System (AD1609/AD1625) has an offset of 1.25VDC above ground. This offset therefore places the 1.0VDC signal top at 2.25VDC above ground. Other equipment manufacturers older matrix switchers that use the similar technology will also experience this issue.

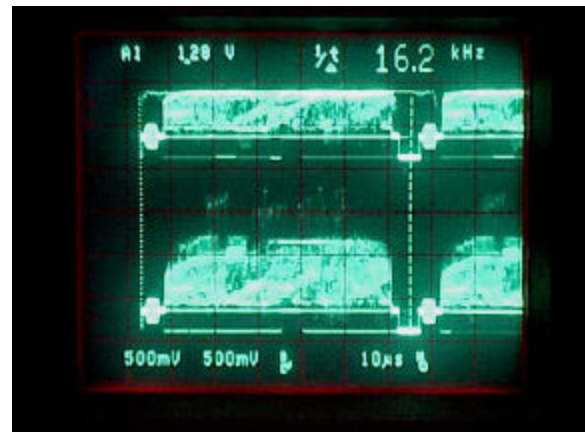
The Integra has an artificial cut off of 2.0VDC above ground. The Integra's video loop through cuts off the top 0.25VDC of the video signal. Thus distorting the intensity of the signal. This distortion may appear as overdriven or un-terminated video, effecting the text display as well. The recorded images that are being recorded by the Integra are not effected.



2 - Video output from Integra to monitor



1 - Video input from AD1609/1625 Matrix Switcher to Integra

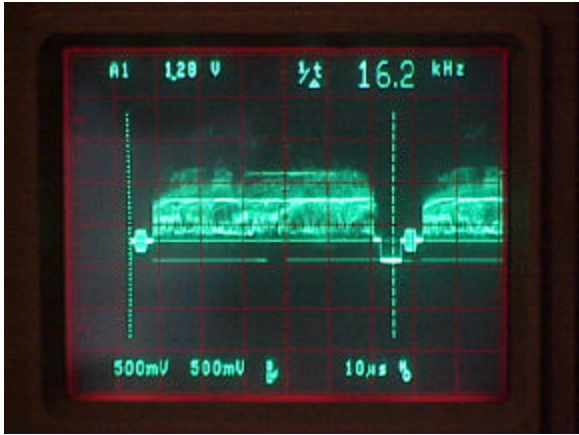


3 - Both signals together

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4 – Signals overlaid

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