



APPLICATION NOTE

AIF-2 (PANASONIC MII/DVC Pro)

USE OF THE AIF-2 PANASONIC MII/DVC PRO INTERFACE

The AIF-2 Analog interface provides TBC control of Panasonic MII or DVC Pro VTRs from the Lance Design CP-150 or CP-160 control panels. It should be connected to the vtr's ENCODER REMOTE or TBC REMOTE connector, using a pin-to-pin 15-conductor cable (supplied).

The functions controlled are:

- Setup Level
- Video Level
- Chroma Level
- Hue (Chroma Phase)
- System H Phase
- System SC Phase (Coarse & Fine)

If Dipswitch Section 6 is turned on on the interface, BURST LEVEL and SYNC LEVEL are controlled by the two remaining panel functions, PIX-Y/C PHASE and COLOR FRAME respectively. If this switch is off, these functions are set to unity, and the panel controls have no effect.

The VIDEO PHASE function is not controlled, and is set to unity (tied to ground via a 1K resistor).

Pinout for the interface is:

Pin 1	-	SYNC LEVEL
Pin 2	-	SETUP
Pin 3	-	CHROMA LEVEL
Pin 4	-	GROUND
Pin 5	-	+12V
Pin 6	-	SYSTEM H-PHASE
Pin 7	-	SYSTEM COARSE SC PHASE 2
Pin 8	-	-12V
Pin 9	-	HUE
Pin 10	-	VIDEO LEVEL
Pin 11	-	GROUND
Pin 12	-	BURST LEVEL
Pin 13	-	VIDEO PHASE
Pin 14	-	SYS FINE SC PHASE
Pin 15	-	SYS COARSE SC PHASE 1