

Avolites Ltd.
Engineering Change Notice

Title	Hawke 1330IF (Screen Control Board) replacement
ECN Number	ECN-0125
Equipment	Pearls, Sapphire 96, Diamond II
Author	Adam Proffitt
Drawing Number	
Date	12/07/00

Reason for ECN	The Hawke 1330IF is no longer available
Special Parts required	Replacement board SCB 6850A Avo part no. Pearls,Sapphire 2000,D3 1201-6850AA Sapphire 96 1201-6850AB Diamond 2 1201-6850AB or 1201-6850AC(see notes)
Special Tools required	None

Work Required
<p>When ordering a replacement for a Hawke 1330IF you should specify which desk the board is for along with the appropriate part no. Each desk has a different configuration of board:</p> <p><u>Pearl</u></p> <p>SCB has 14 way SIL socket J4 for direct connection to the PP board. 14 way IDC connector J5 is soldered in '14 way' position' as marked on SCB board. 'external reset track' is not cut. (see marking on solder side of board). Mounting holes line up with holes on PP board. Contrast pot connects to 3 way connector (see colour code marking on board – grey wire connects to middle pin).</p> <p><u>Sapphire 96</u></p> <p>SCB has 20 way IDC connector J5 for connection to the SPP board. Existing cable from to SPP must be replaced by a standard (pin to pin) 20 way cable. 'external reset track' is cut. (see marking on solder side of board). Mounting holes will have to be re-drilled. Contrast pot connects to 3 way connector (see colour code marking on board – grey wire connects to middle pin).</p> <p><u>Diamond 2</u></p> <p>SCB has 20 way IDC connector J5 for connection to the SPP board. Existing cable from to SPP must be replaced by a standard (pin to pin) 20 way cable. 'external reset track' is cut. (see marking on solder side of board). Mounting holes will have to be re-drilled. Contrast pot connects to 3 way connector (see colour code marking on board – grey wire connects to middle pin). See notes below.</p>

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Notes:

A Diamond 2 should have the 14 way IDC connector J5 is soldered in the '14 way' position' or in the '16 way' position' (as marked on SCB board) depending on the type of lcd screen.

If you need a replacement for an existing SCB

Look at the SCB board to determine which type is required:

If J5 is soldered in the '14 way' position' (most likely case) then order 1201-6850AB

If J5 is soldered in the '16 way' position' then order 1201-6850AC

If you need a replacement for a Hawke 1330IF

Look at jumpers J1 on the Hawke board.

If pin A is free then you should order 1201-6850AB

If pin M is free (most likely case) then you should order 1201-6850AC