

# Film-Tech

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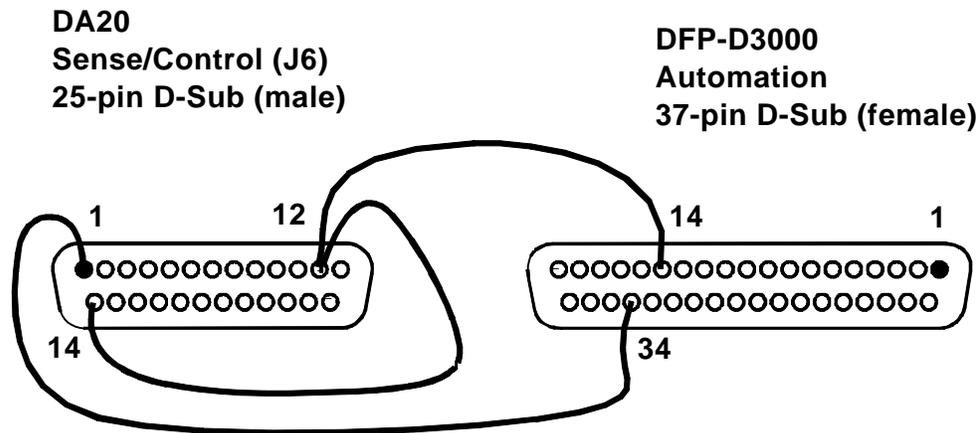
## Tech Note

Audio and automation wiring between the Sony DFP-D3000 and the Dolby® DA20 digital sound decoders.

- Product: DFP-D3000.
- S/N: All units with firmware version 2.20 and higher (including v3.00).
- Document: **TN99020101**, TS
- Summary: Describes in detail all the connections required to connect a DA20 to a DFP3000.

The DA20 should be configured for 'CP200'; refer to the DA20 Installation Manual.

DA20 Sense/control connector (J6) (DB25 Male)	DFP-D3000 Automation I/O connector (DB37 Female)
Pin 12: GND Pin 14: sense0	Pin 14: logic common
Pin 1: Ctrl0 (low when digital is OK)	Pin 34: AUX1 active (pin 35 if AUX2 is used)
Pin 25: changeover status input (for changeover systems only)	Pin 19: changeover command output (for changeover systems only)



The connections below only apply to changeover installations.

DA20 Motor start connector (DB9 Female)	DFP-D3000 Automation I/O connector (DB37 Female)
Pin 1: motor start, projector 1	Pin 12: motor 1
Pin 9: motor start, projector 2	Pin 13: motor 2
Pin 5: GND	Pin 16: tally common

<b>DA20 CP Audio connector J8 (DB25 Male)</b>	<b>DFP-D3000 AUX INPUT 1 (DB25 Female)</b>
NC	1 Left ground
14 Left out	2 Left hot
NC	4 Center ground
20 Center out	5 Center hot
NC	7 Right ground
17 Right out	8 Right hot
NC	9 Left surround ground
4 AGND	10 Left surround cold
3 AGND	11 Right surround cold
12 AGND	12 Sub woofer cold
NC	13 Sub woofer ground
1 AGND	14 Left cold
8 AGND	17 Center cold
5 AGND	20 Right cold
NC	21 NC
NC	22 Right surround ground
15 Left surround out	23 Left surround hot
2 Right surround out	24 Right surround hot
24 Subwoofer out	25 Subwoofer hot

All audio grounds should be connected to the shield of each twisted pair at the D3000 end only.