

Film-Tech

The information contained in this Adobe Acrobat pdf file is provided at your own risk and good judgment.

These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

If you are not a qualified technician, please make no adjustments to anything you may read about in these Adobe manual downloads

www.film-tech.com

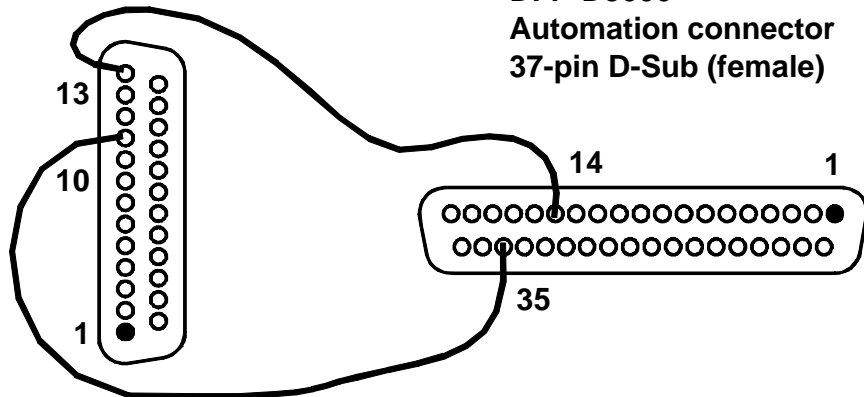
Tech Note

Audio and automation wiring between the Sony DFP-D3000 and the DTS® 6 and 6D digital cinema processors.

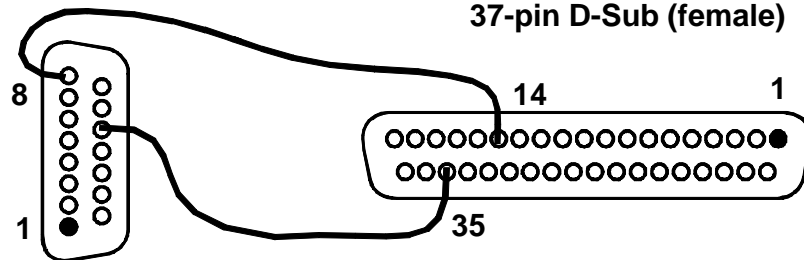
Product: DFP-D3000.
 S/N: All units with firmware version 2.20 and higher.
 Document: **TN99020103-2**, TS
 Summary: Describes in detail all the connections required to connect a DTS-6 or DTS-6D to a DFP-D3000.

DTS 6 "Stereo" connector (DB15 male)	DTS 6D Automation connector (DB25 female)	DFP-D3000 Automation I/O connector (DB37 female)
Pin 8: Ground	Pin 13: output common	Pin 14: logic common
Pin 13: DTS S/W enable	Pin 10: GND when DTS in digital	Pin 35: AUX2 active (pin 34 if AUX1)

**DTS 6D
Automation connector
(DB25 female)**



**DTS-6
"Stereo" connector
15-pin D-Sub (male)**



No DTS automation interface board is necessary. Please note that the DTS 6 system must be configured for 'CP200' by setting the two internal dip switches on the DTS output board to the "off" position by referring to the DTS 6 Installation Manual.

If the D3000 is configured for a multiple fallback structure, such as SDDS → SR-D → DTS → NR2, the DTS player must remain switched ON at all times, even with no DTS film playing, to avoid a mute condition in fallback mode.

DFP-D3000 AUX INPUT 1 or 2 (DB25 female)	DTS 6D Analog out (DB25 male)	DTS 6 Adapter to JM21 "DTS6 to CP500"
1 Left ground	1 audio return	1 Common
2 Left hot (+)	14 Left	14 Left
4 Center ground	Not connected	Not connected
5 Center hot (+)	20 Center	20 Center
7 Right ground	Not connected	Not connected
8 Right hot (+)	17 Right	17 Right
9 Left surround ground	Not connected	Not connected
10 Left surround cold (-)	10 audio return	1 Common
11 Right surround cold (-)	11 audio return	1 Common
12 Sub woofer cold (-)	12 audio return	1 Common
13 Sub woofer ground	Not connected	Not connected
14 Left cold (-)	1 audio return	1 Common
17 Center cold (-)	8 audio return	1 Common
20 Right cold (-)	5 audio return	1 Common
22 Right surround ground	Not connected	Not connected
23 Left surround hot (+)	15 Left surround out	15 Left surround out
24 Right surround hot (+)	2 Right surround out	2 Right surround out
25 Subwoofer hot (+)	24 Subwoofer out	24 Subwoofer out

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

For the audio output of the DTS 6, the necessary IDC to D-sub adapter can be supplied by your DTS representative under the product name "DTS6 to CP500 adapter".