

FILM-TECH

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|  | TITLE | | NUMBER | REV | PAGE |
| | Upgrading DTS-6AD Drives to TEAC Model CD-W512S | | TN-E643 | A1 | 1 of 3 |
| DEPARTMENT Engineering | CREATED BY: K. Hultgren | EFFECTIVE DATE March 31, 2004 | APPROVED BY: L. Brown | | |

This notice explains how to install the Model TEAC CD-RW drives into a DTS-6AD.

Tools needed: Upgrade kit 9005E65200 , #1 Phillips head screwdriver, and a DS3 or DS5 setup disc.

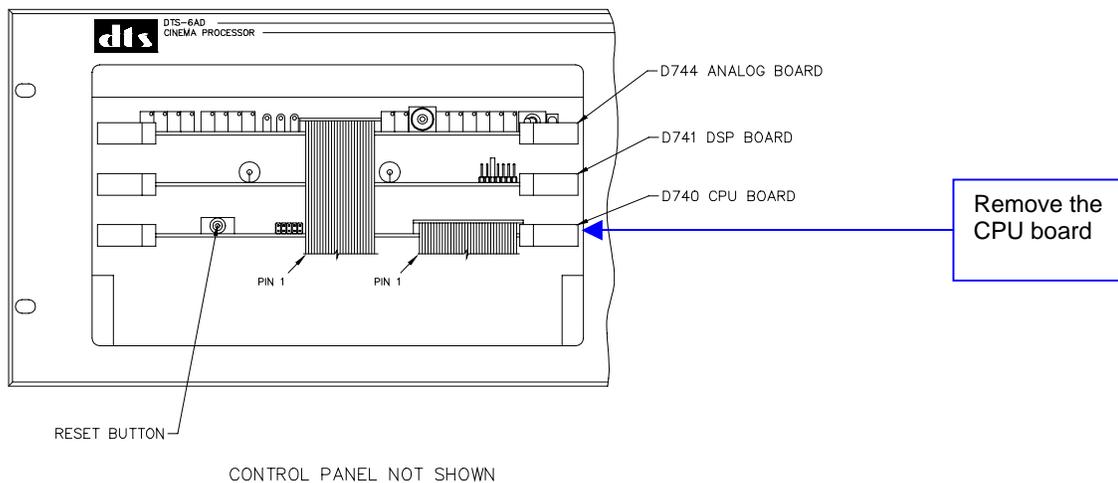
IMPORTANT

Use the DTS upload/download program to save all EQ settings to a PC before starting upgrade. (See note on page 3 about how to obtain this program.)

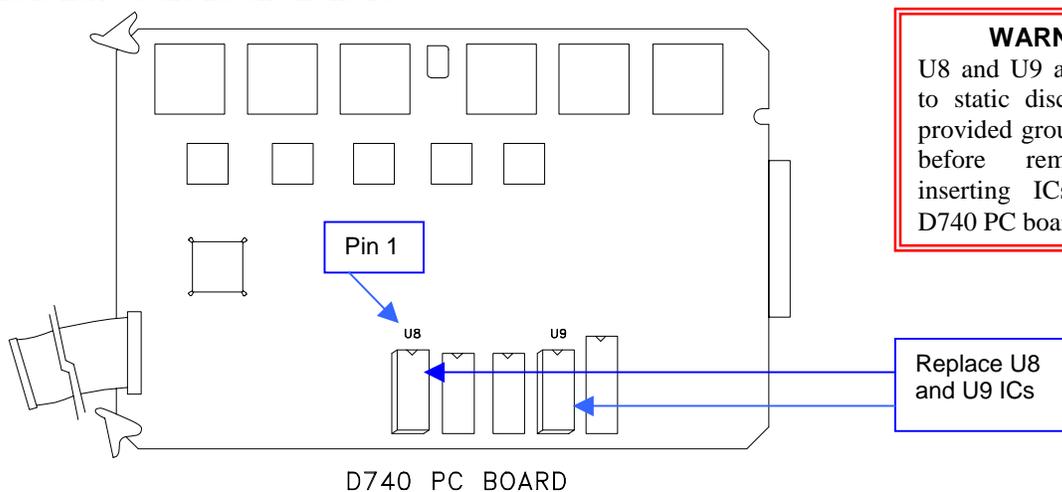
After installing this upgrade, system discs V2.05 and earlier will **NOT** work in the DTS-6AD or -ECP.

Procedure

- ① Power off DTS-6AD. Remove display and unplug both ribbon cables.
- ② On bottom D740 CPU board, gently pull out the ejector tabs until the board releases. Slide D740 board out.



- ③ After grounding yourself with the enclosed wrist strap, replace U8 and U9 with ones labeled "V2.06" or later. Pin 1 must be lined up for proper orientation. Pin 1 is marked on the board and is next to the notch on the IC.



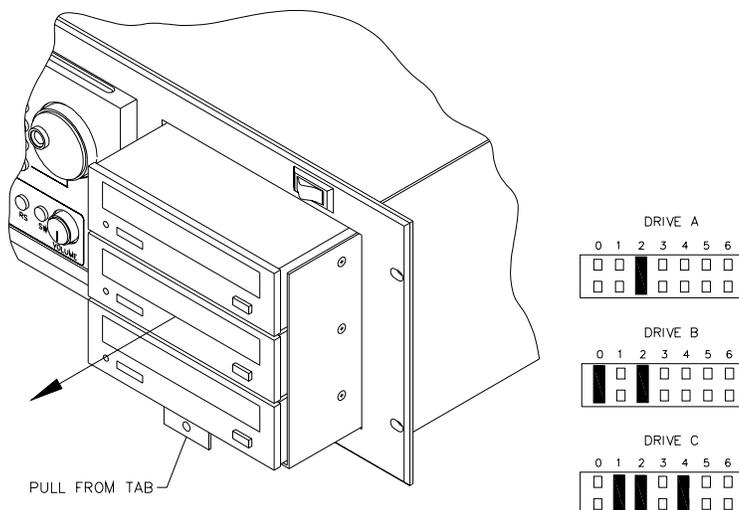
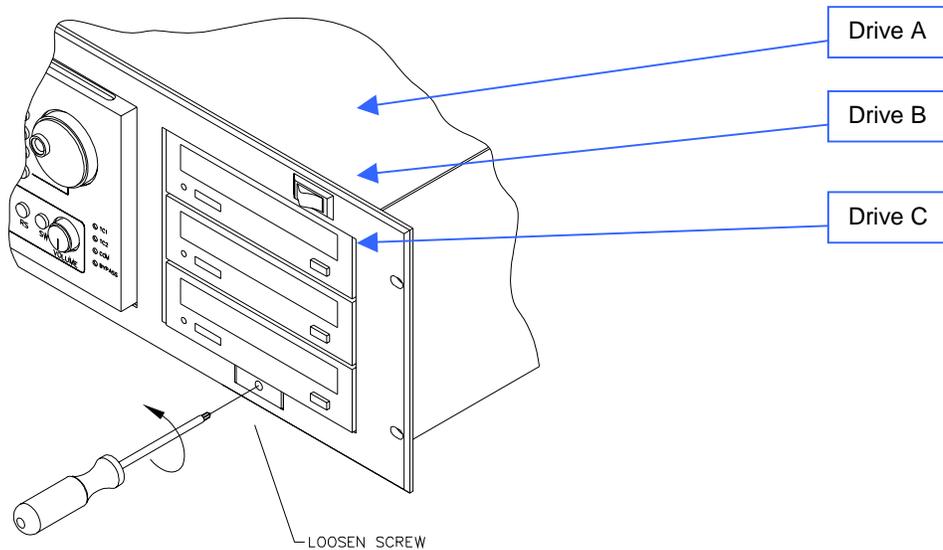
WARNING
U8 and U9 are sensitive to static discharge. Use provided grounding strap before removing or inserting ICs into the D740 PC board.

Replace U8 and U9 ICs



- ④ Put D740 back into DTS-6AD. Slide into side rails and push in until the board seats in place.
- ⑤ Change out the drives. Each drive should come pre-programmed for it's location. Verify the address jumpers are correct (see below).

CD-ROM DRIVE REMOVAL



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- ⑥ Reinstall the DTS-6AD, power it, and update software by using the DTS-6AD System disc:
- Remove discs from all drives
 - Insert System Disc into Drive A
 - Cycle power while pressing the FMT button
 - Press OK to install program
- ⑦ After downloading the software, confirm that the software versions of your DTS-6AD match the ones listed on the System disc. Press MENU → VERSION. The screen below should appear. Version numbers shown are for example only, and may differ from those on the System disc provided.

| | |
|----------------|------|
| CPU VERSION | 2.06 |
| DSP CONTROLLER | 1.03 |
| DSP FIRMWARE | 2.06 |

- ⑧ Use a DS3 or DS5 setup disc to test the operation of each drive.

Refer questions to
DTS Technical Support
Tel: (818) 706-3525
(800) 959-4109 (USA only)
Fax: (818) 879-2746
Email: cinematech@dtsonline.com

- Note:** The DTS-6AD Upload/Download program is available on the DTS website, in the Tech Center area.
Go to: www.dtsonline.com/tech-center.html and log in. Then select Cinema Products and under DTS-6AD Cinema Processor, select Manuals/Guides.
Click the “download” link just below the 6AD photo.

Tech Notice TN-E248 is included in the DTS-6AD manual and explains the use of the Upload/Download program. TN-E248 is also available by request from Customer Service.