

DTS DEALER TECHNICAL UPDATES

Current Software Versions

The current software versions in DTS cinema product are given below:

DTS-6AD CPU Version **2.06** In VERSION screen
DSP Controller **1.03**
DSP Firmware **2.06**

DTS-ECP CPU Version **2.01** In DTS CP Setup
DSP Controller **1.03** Software screen,
DSP Firmware **1.10** "Processor Unit Info"

DTS-6/-6D "TCR" V1.46 On D422 board at U14

DTS-CSS V1.01 In VERSION screen

DTS XD10 V1.01.16 In VERSION screen

DTS-ES V1.1 In last boot screen "Product Revision"

E175 V1.20 Displays briefly during power up

Software upgrades are always free. Please take the time to verify the software installed in your DTS products. If you need an update, please contact DTS Customer Service.

Note: The above versions may not apply to special venue (SV) units.

DTS-6AD and XD10 Updates

A letter was recently sent explaining that all DTS-6AD and XD10 units must be updated to current software versions. To avoid interruption of digital playback, please verify that all DTS-6AD and XD10 units have been updated to the software versions listed above.

DTS-6AD V2.06 software notes: **TN-E888A.**

XD10 V1.10.16 software notes: **RN-E990.**

DTS-6 and DTS-6D Player Reminder

To avoid interruption of digital playback, verify that all DTS-6/-6D players are installed with TCR V1.46. Most units will have this version, but any player that does not have Teac caddy-less drives, will require the update. The TCR version is labeled on an IC located at U14 on the D422 timecode card inside the DTS player.

Single Drive Kits Now Available

A single drive kit is now available for DTS-6/-6D players and the DTS-6AD cinema processor. When a drive fails, you can now buy just one drive instead of having to get an entire upgrade kit. This new single drive kit can be used in mentioned units no matter the model of the other drives. The only exception is DTS-6/-6D players that have a Future Domain SCSI board (please contact me directly if you have this board).

Single Drive Kit DTS part #9005E94400.

Multi-drive kits for the DTS-6D and DTS-6AD are still available.

Online TechCenter Update

Reorganization of the 'techcenter' has been completed. A search engine has been added to assist you in finding information. Once in the site, you'll notice that all the technical notices are listed under the product they effect and some are available in a variety of languages. Check out the improvements by visiting www.dtsonline.com/cinema and clicking on the 'techcenter' link.

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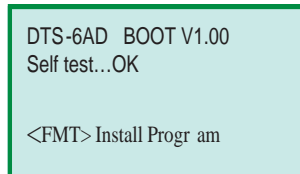
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DTS-6AD Upgrade Reminder

A few months ago we sent upgrade kits to selected theatres that were identified as having DTS-6AD units with obsolete parts. The obsolete parts are two ICs that may cause an irregularity that appears upon power up. When the irregularity occurs, the unit will go into bypass and front display will show:



Notice that the display indicates to "Install program." If you are seeing this upon boot-up, please contact me immediately. Only a small number of DTS-6AD units need the update. Please do not request the update unless your unit is displaying this irregularity.

DTS-6AD Update DTS part #9005E88400

Troubleshooting Tip #1: Which Drive Kit Do I Use?

If your DTS unit needs a replacement drive, first determine if all the drives need replacement or just one. Criteria is listed below:

If the DTS-6/-6D player is more than nine years old and has never been updated, then it's best to get a multi-drive kit. Chances are that an older unit has the obsolete Future Domain SCSI and no ROM (AQRM) board. The AQRM is required for new drives to work and the new drive will not work with the Future Domain SCSI board.

If the DTS-6/-6D player or DTS-6AD cinema processor has been in service for over four years and one of its drives has failed, it should get a multi-drive kit. When one drive fails in a unit that has been used for four years, the chances are increased that the others may soon fail as well.

If the DTS-6/-6D player or DTS-6AD cinema processor is only a few years old or has been updated with new drives in the past two years, then use your DS5 Setup disc to check each drive. Replace only the nonworking drive(s).

If the DTS-6/-6D player or DTS-6AD cinema processor is less than a year old, all your drives are still covered under warranty. Contact DTS Customer Service and have ready the unit's serial number. Once the warranty status is verified (via the unit's serial number), you will receive a free replacement drive.

Be aware that the XD10 and DTS-CSS use DVD drives, whereas, the DTS-6/-6D and DTS-6AD use CD-ROM drives. These drives cannot be interchanged so please be specific as to which model needs the replacement drive.

Troubleshooting Tip #2: XD10 Does Not Switch the Cinema Processor Back to Digital After Good Timecode is Seen

This bug was discovered on XD10 units with software versions lower than V1.01.16. Once the unit's software is updated, the problem is fixed.

XD10, V1.01.16 software, DTS part #9311E96900

Troubleshooting Tip #3: DTS-CSS Locks The Cinema Processor When Connected With SA10

Some older DTS-CSS units have obsolete parts that produces this logic malfunction. Contact me directly if you encounter this problem.

Troubleshooting Tip #4: The Cinema Processor Does Not Stay in Digital Format

If this happens during show start, automation is most likely switching out the DTS unit. There are two easy fixes listed below. Choose the best solution for your situation:

1. Move the film automation cue to before timecode start. Never place cues on film with timecode.
2. Add a few feet of black leader before the start of the feature. This will give automation time to switch out of NONSYNC to analog at show start. It will also delay the start of timecode that is read by the DTS unit. Once valid timecode is seen, only then will the DTS player send a pulse to the cinema processor to go to the DIGITAL format. Adding black leader before the start of timecode will stop automation from switching out the DTS unit.

If the cinema processor keeps switching out of DIGITAL during the show, check automation and the DTS unit. The two most likely causes of the DTS unit dropping out of DIGITAL is a drive/disc problem or timecode reading problems. Move the disc to other drives to see if the problem follows the disc or drive. If you suspect timecode reading problems, see **TN-E698A** (posted on the 'techcenter').

Best Regards,



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