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 U14 on D422 board

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"

Software upgrades are free. Please take a few minutes 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.

Remember to Update your DTS-6AD and DTS-6D Units!

These units must be updated to the software version listed above or they will not play current movie discs. Contact me directly if you need a free update.

XD10P Cinema Audio Processor

Some key points regarding setting up the new XD10P:

• A PDA with DTS setup software may be used to setup a XD10-XD10P combination system.

• Always connect the included AUX power supply module and keep it powered so BYPASS will always be available.

• A laptop loaded with DTS setup software is required

to setup all functions of the XD10P.

• A serial cable, not a null-modem cable (as used with DTS-6AD) is used to interface a laptop to the XD10P.

• If your laptop does not have a serial cable, you must use a USB-serial interface available at local computer stores.

• XD10P software updates will be available for download from the DTS techcenter.

• Almost all settings must be set or changed using a laptop and DTS setup software. The exception is *format level presets* which can be done via the front panel by the user.

Troubleshooting Tip #1: What causes DTS sound to "wow"?

The one any only thing that can cause DTS digital sound to 'wow' is problematic timecode processing. It is never caused by the discs. A blinking TIMECODE green LED or inconsistent projector speed effecting how timecode is delivered to the player can cause the sound to "wow". See TNE698A in the techcenter for details.

Troubleshooting Tip #2: How do I tell if my DTS player has a E363 motherboard?

All DTS-6D players date coded year 2004 and after will have the board installed. Some repaired DTS-6D and DTS-6 players may also have the board. A photo of the board is shown below:
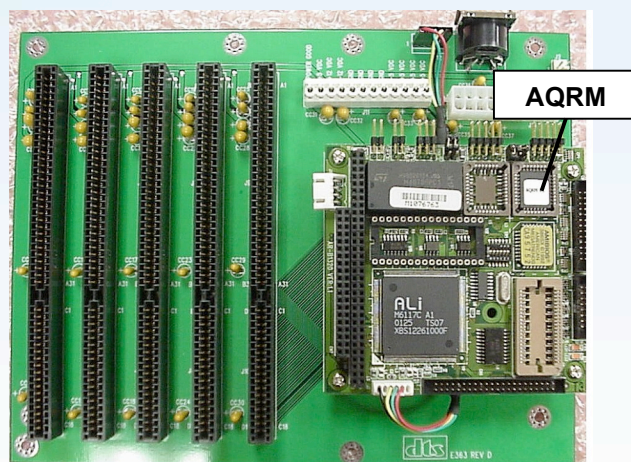
E363 motherboard

The E363 motherboard has the AQRM installed on its daughter board (connected horizontally). You update the AQRM in this board by using a DTS update disc contained in multi-disc drive kits. The chip itself is not changed. But, if you have a different motherboard, your AQRM will be in the ROM board that is connected vertically and looks like the below:
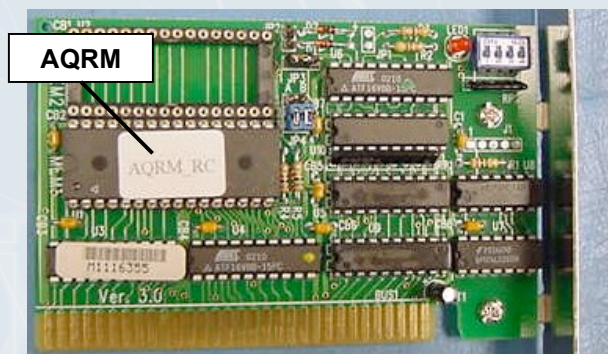
ROM board

This type of AQRM cannot be updated using an update disc and will require the chip to be changed. Loading the update disc will do nothing in this case.

Troubleshooting Tip #3: How often do I need to update the AQRM?

The only time you need to update the AQRM is when you are installing new drives. If the drive requires a new AQRM, your kit will contain a new chip and the update disc.

Troubleshooting Tip #4: If I use the update disc in a player without the E363 motherboard, will it damage anything?

No, the update will be ignored and the disc ejected from the player.

Troubleshooting Tip #5: The player worked fine until recently. Now, all of a sudden new movies play for a few minutes and then drop to analog.

1. First check the timecode light. The TIMECODE green LED should be bright and steady when film with timecode is played.

2. If you are getting a solid green light, check to be

sure that the drive light is still flickering — which means that it is reading the disc.

3. If the TIMECODE light is solid and the drive lights are flickering, then you need to update your unit's software. Current software versions are given on page one.

Troubleshooting Tip #6: Do I need to buy a multi-drive kit if only one drive has failed?

No, you can purchase the DTS single drive kit, part number **9005E94400.** This kit can be used in the DTS-6AD, cinema processor, DTS-6 (2-drive) player, and DTS-6D (3-drive) player.

Troubleshooting Tip #7: Can I use a single drive kit for the DTS-CSS and XD10?

No, those units use a DVD drive. The DTS-6AD, DTS-6, and DTS-6D use CD-ROM SCSI-type drives. If you need a replacement drive for the DTS-CSS or XD10, use part number **5102001100**.

Troubleshooting Tip #8: Can I use a timecode "Y" cable for two-projectors connected to the DTS-6AD?

No, when using a DTS-6AD cinema processor, you must use two separate cables, one for each projector.

Until next time!

Best Regards,

Karen Hultgren
Customer Service Technical Specialist
khultgren@dtsonline.com