

# NDT 200 Firmware Notes

**April 23, 2010**

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This new firmware update may vary depending on the boot code date of your unit which is located in the firmware menu. **Also, please note that previous recorded video files will not be compatible.**

Boot Code 03/26/2007 = NDT200\_r504.fud

Boot Code 10/16/2006 = NDT\_r504.fud

Updates:

- Enhanced touchpad operation. Enhanced menu list and character array scrolling. Fixed various main screen element and clip title update problems. Clip list works properly with rapid cueing. Single frame modes, loop recording, user data entry and overlay are now standard enabled features.
- FAT32 short file name encoding changed (requires disk reformat).
- QuickTime long file name sequence number format changed. QuickTime files in a recording now have the same MOE ID (now treated as a unit in cue commands). Handles FAT32 'recycled' directory added by PC.
- Eliminated blue line on left side of image in PC QuickTime Player playback.
- Fixes QuickTime file closing problems and QuickTime file loading problems.
- Enhanced disk hot swap operation.
- Enhanced video recovery speed and now reports status until finished for better notification.
- Supports 16:9 video format.
- Fixes "black frame" display problem during playback caused by serial communications loading.
- Serial protocol additions:
  - Adds recording auto-start/stop with configuration items 0x68, 0x69 and 0x6A.
  - Adds F6 0A "goto" command variants FFF5 (goto clip number), FFF6 (step forward increment), FFF7 (step reverse increment) and goto source list MOE ID.
  - Adds configuration item 0x71 0001 for QuickTime file resolution in play list activation. Restores old QuickTime file-oriented cue behavior for applications built before this release.