
LTO-9 Initialization Notes

New LTO-9 cartridges need to be initialized before they can be used because the increased number of tracks requires greater precision. Media optimization creates a referenced calibration for each cartridge that enables the tape drive's intelligent alignment to optimize data placement. LTO-9 media optimization enhances LTO tape long-term media durability.

- Media optimization is performed on first load of LTO-9 media during initialization.
- Media optimization is a one-time operation that can be completed on any drive in the environment, enabling the media to be used across all tape drives without further optimization.
- During cartridge initialization, the Single Character display will show a lowercase "c" (calibrating).
- Media optimization averages 40 minutes per first load of a cartridge to a tape drive.



CAUTION: Although most media optimizations will complete within 60 minutes, some media optimizations may take up to 2 hours. Interruption of the process is not recommended.

Additional Help

Technical briefs covering the LTO-9 new media initialization for either a NEOxl-Series or NEOs-Series library and the *LTO Tape Drive User's Guide* are available in the Overland-Tandberg Knowledge Base under *Tape Archive Solutions (NEO & LTO Drives)*.

<https://www.overlandtandberg.com/knowledgebase/>