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drives & systems

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Notice on NVRAM Chips and Batteries

Drives

Unico drives utilize NVRAM chips to store set up information such as drive tuning and configuration set ups. These chips have built in batteries, and generally last about 10 years. If values are lost the first sign is typically that the drive will not start and displays one of a number of faults. Examination of set ups reveals that set ups have reverted to 0's or odd and unexpected numbers. It is recommended that these NVRAM chips be replaced after about 8 to 10 years to keep you running trouble free.

It is important that drive set ups be recorded and stored, and the easiest method to do this is taking an archive. See the separate document on taking archives for your particular drive. Accurate archives should be kept at all times, put particularly when changing the NVRAM or battery.

Contact Unico Parts Department to obtain a replacement NVRAM chip for each drive. They will need the part number of each drive or DSP board number to supply you with the correct chip.

Series 4000 Controller

If your system contains one or more Series 4000 racks, there are batteries and / or NVRAM chips that also have a life of around 10 years. The CPU modules will have either an NVRAM chip or a battery. The Real Time Clock module also has a battery to maintain time and date. Contact Unico Technical Support with your Unico SO number and they can determine which and how many of each of these you need.