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FAQ

Hardware: Frequency Counting

Q. Can I connect a frequency source to a Motion Coordinator and count it, such as a single-channel encoder?

A. Yes . The Motion Coordinator Series have a built in feature to allow a single-channel TTL signal to be connected to the encoder port and counted (similar to a frequency counter).

Using the command `VERIFY=OFF` for a particular axis, the respective Motion Coordinator encoder port will switch between accepting a standard A quad B signal to a frequency counter on channel A, and a Direction switch on channel B (up/down counter).

This feature can be useful in application requiring a synch clock sent to multiple controllers. Or a simple method of counting a frequency from an external source.