

ExternalSyncFrequency Parameter

Default Value	0
Minimum Value	0
Maximum Value	5120
Units	Kilohertz
Type	32-bit signed integer

NOTE: You must reset the controller for these changes to have an effect. Setting this parameter in an AeroBasic program does not set the active value and does not affect program execution.

Using the ExternalSyncFrequency Parameter

Use the ExternalSyncFrequency parameter to specify the frequency of an externally provided clock signal used to synchronize the execution of the Ensemble kernel. The value specified for this parameter must correspond to the frequency of an external clock signal provided on the auxiliary marker input, and the value must be a multiple of 20 kHz. Setting this parameter to a value of zero disables the synchronization and allows the Ensemble kernel to operate based on its own internal 20 kHz signal.

Related Topics

[System Parameter Category](#)

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service@aerotech.com
www.aerotech.com