

Partner: Clearone
Model: ConvergePro2
Device Type: Digital Signal Processor



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Clearone ConvergePro2 Gate Control v1.4
CATEGORY:	Mixer
VERSION:	1.4
SUMMARY:	This module manages gated feedback of microphones connected to the Clearone. The feedback is digital high or low depending on if the audio is gated. The module will only report gated feedback while the Start_Gate_Reporting digital input signal is high.
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	3-series processor only
SETUP OF CRESTRON HARDWARE:	This module requires the "Clearone ConvergePro2 Command Processor IP v1.4" or the "Clearone ConvergePro2 Command Processor RS232 v1.4" modules in order to operate. Please read the help files associated with these modules.
VENDOR FIRMWARE:	v5.0.35.0

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**PARAMETER:**

Command_Processor_ID	Setting to indicate the ID for the command processor that this module will register itself with.
BoxName	The box name of the Clearone as reported by the device. The box name can be retrieved by establishing a telnet session to the Clearone and typing the command "box * name".
TimeOutValue	The time span value in seconds after which the module will stop reporting gate feedback. The default value is 300d.
MicType	The type of microphone. Can be one of the following values: 1 = AEC Mics, 13 = BFM Mics, 24 = SR Mics, 28 = D20 Mics.

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**CONTROL:**

Start_Gate_Reporting	D	Pulse to begin reporting gated feedback from the module.
Stop_Gate_Reporting	D	Pulse to halt reporting gated feedback from the module. The module will automatically stop reporting feedback if the TimeOutValue time span value in seconds elapses without this signal being pulsed.

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**FEEDBACK:**

Is_Initialized	D	Signal is high to indicate the module has successfully received all required responses from its initializing queries.
Gate_Reporting_IsRunning	D	Signal is high to indicate the module is reporting gated feedback.
Channel1_Gated..Channel12_Gated	D	Signal is high to indicate the corresponding channel is gated.

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**TESTING:**

OPS USED FOR TESTING:	CP3: v1.601.3857.30174
SIMPL WINDOWS USED FOR TESTING:	4.11.06
CRES DB USED FOR TESTING:	81.05.001.00
DEVICE DATABASE:	107.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	1091
SAMPLE PROGRAM:	Clearone ConvergePro2 v1.4 IP Demo Clearone ConvergePro2 v1.4 RS232 Demo
REVISION HISTORY:	v1.4 – Initial Release