SIMPLWINDOWS NAME:	Gentner AP800 Global Setup Parameters
CATEGORY:	Conferencing
VERSION:	1.1
SUMMARY:	Controls global setup parameters on AP800
GENERAL NOTES:	The AP800 operates on a Gentner G-Link bus. Multiple AP800's could be placed on the same bus. Each different device on the bus will have a unique unit ID. The module requires a unit ID as the first input. The unit ID has to be the HEX representation of the Unit ID. For example, for a unit ID of 0, the correct input on the module would be 30H. For a unit ID of 1, the correct input on the module would be 31H.
CRESTRON HARDWARE REQUIRED:	CNXCOM, ST-COM
SETUP OF CRESTRON HARDWARE:	Tested and verified at the following settings: Baud Rate -38400 Parity - None Data Bits - 8 Stop Bits - 1 RTS and CTS enabled
VENDOR FIRMWARE:	Version 0.81B
VENDOR SETUP:	The AP800 serial port settings can be changed. Correct operation was verified when the following RS232 settings were used: Baud Rate - 38400 Enable Modem - Off Flow control - On
CABLE NUMBER:	CNSP-141

CONTROL:

UNIT-ID-HEX	P	Hex version of AP800's unit ID. For ID 0, use 30H. For ID 1, use 31H.
FMP-EN	D	Enable first microphone priority mode
FMP-DIS	D	Disable first microphone priority mode
LMO-OFF	D	Set last microphone on mode to off
LMO-1	D	Set last microphone on mode to mic 1
LMO-LAST	D	Set last microphone on mode to last microphone on
PAA-EN	D	Enable PA adaptive mode
PAA-DIS	D	Disable PA adaptive mode
AMBLVL-UP	D	Ramp up the fixed ambient level
AMBLVL-DN	D	Ramp down the fixed ambient level
HOLD-TIME-UP	D	Increase the hold time
HOLD-TIME-DN	D	Decrease the hold time
OFFA-UP	D	Increase the off attenuation
OFFA-DN	D	Decrease the off attenuation
REQ-GATE-STATUS	D	Request the current gate status of the microphones
AP800-RX$	S	Serial data string to be routed from a CNXCOM or ST-COM

FEEDBACK:

FMP-EN-FB	D	Real feedback indicating that First mic priority is enabled
FMP-DIS-FB	D	Real feedback indicating that first mic priority is disabled
LMO-OFF-FB	D	Real feedback indicating that last mic on is off
LMO-1-FB	D	Real feedback indicating that last mic on is set to mic 1
LMO-LAST-FB	D	Real feedback indicating that last mic on is set to last microphone on
PAA-EN-FB	D	Real feedback indicating that PA Adaptive is enabled
PAA-DIS-FB	D	Real feedback indicating that PA adaptive is disabled
AMBLVL-AN	A	Analog signal displaying the current ambient level. To be routed to a bargraph
HOLD-TIME-AN	A	Analog signal displaying the current hold time. Should be routed to a digital meter
OFFA-AN	A	Analog signal displaying the current off attenuation. Should be routed to a digital meter
MIC-1-8-GATE-ON	D	Digital signals indicating which misc are currently gated on. Will be updated whenever REQ-GATE-STATUS is activated

OPS USED FOR TESTING:	3.18.01
COMPILER USED FOR TESTING:	SimplWindows Version 1.20.04
SAMPLE PROGRAM:	GAPTST2B
REVISION HISTORY:	AP80GLOA - Original AP80GLOB - Added external OP103 parameter AP80GLOC - Removed external OP103 parameter