

SIMPLWINDOWS NAME: Gentner AP400 Preset Selection

CATEGORY: Conferencing

VERSION: 1.0

SUMMARY: Allows selection of 6 predefined presets on AP400 unit

GENERAL NOTES: The AP400 operates on a Gentner G-Link bus. Multiple AP units could be placed on the same bus. Each different device on the bus will have a unique unit ID. The macro 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 macro would be 30H. For a unit ID of 1, the correct input on the macro would be 31H.

This macro allows selection of any of the 6 predefined presets on the AP400. Real feedback is provided indicating the preset active. It will take several seconds for the preset command to be processed. Any commands sent to the unit while it is processing a preset command will not be accepted right away.

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 2.00

VENDOR SETUP: The AP400 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 AP400's unit ID. For ID 0, use 30H. For ID 1, use 31H
PRESET-1	D	Select preset 1
PRESET-2	D	Select preset 2
PRESET-3	D	Select preset 3
PRESET-4	D	Select preset 4
PRESET-5	D	Select preset 5
PRESET-6	D	Select preset 6
AP400-RX\$	S	Serial data string to be routed from a CNCOMH-2, ST-COM, or CNXCOM

FEEDBACK:

PRESET-1-FB	D	Real feedback indicating that preset 1 is active
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PRESET-2-FB	D	Real feedback indicating that preset 2 is active
PRESET-3-FB	D	Real feedback indicating that preset 3 is active
PRESET-4-FB	D	Real feedback indicating that preset 4 is active
PRESET-5-FB	D	Real feedback indicating that preset 5 is active
PRESET-6-FB	D	Real feedback indicating that preset 6 is active
AP400-TX\$	S	Serial data string to be routed to a CNCOMH-2, ST-COM, CNXCOM

.UPZ FILE USED FOR TESTING: 50405x.upz
COMPILER USED FOR TESTING: SimplWindows Version 1.22
SAMPLE PROGRAM: GAP4TST1
REVISION HISTORY: AP40PREA - Original