SIMPLWINDOWS NAME:	Tandberg Vision 2000 Dialing Macro (100 Presets)
CATEGORY:	Codec
VERSION:	1.0
SUMMARY:	Allows the placing of single and dual channel video calls, and access to 100 presets
GENERAL NOTES:	This macro allows video calls to be placed. It operates as follows:

Dialing:

The macro allows one or two number calls to be placed manually, as well as store those numbers in up to 100 preset locations. There is also the option of adding an Ascend prefix (profile 1-20) or a Teleos suffix to the numbers entered. Phone numbers are entered, dialed and stored as follows:

1. Select SELECT-NUM-1, and type in the first phone number
2. If there is a second number, select SELECT-NUM-2 and type in the second number. Otherwise leave this field blank. You have the option of copying the first number to the second number. You can always reselect either number and reenter it.
3. When both number fields are displaying the correct numbers, press DIAL. Your call will be placed
4. If you were storing the number into a preset, you would first press the preset - the old numbers stored there would be displayed. You would then type in the new numbers. When finished, press STORE. The numbers you entered will be stored into the previously selected preset.

Ascend Prefix:

If you would like to be able to select an Ascend profile prefix (#001, etc.) to be placed before the number being dialed, but you don't want to type it in before every phone number, or store it into presets, you can use the ASCEND-PROFILE input. This input takes an analog value from 0 to 20. It should be driven with an INIT symbol. If you do not want a prefix on your phone number, then this input should be set to analog 0 with an INIT symbol. If you do want a prefix, use an INIT symbol to set the input to a number between 1 and 20. Whatever number you use will appear in the Ascend prefix before the rest of your phone number.

Teleos Suffix:

If you would like to be able to select a Teleos suffix to be appended to the end of your phone number, you can use the TELEOS-… inputs. If no suffix is wanted, put a 1 on the TELEOS-NONE input, and 0 on the other TELEOS inputs. If you do want a Teleos suffix, put a 0 on the TELEOS-NONE input. You can use buttons to select the desired suffix from the four remaining TELEOS inputs on the macro.

CRESTRON HARDWARE:	ST-COM, CNXCOM
SETUP OF CRESTRON HARDWARE:	Baud Rate - 9600 Parity - None Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	Tested with Software version B3.1

VENDOR SETUP:	Use Data Port 1 to communicate with the Crestron system. The Tandberg codec should have data port 1 set to "control mode"
CABLE NUMBER:	CNSP-121

CONTROL:

SELECT-NUM1	D	Select the first number for entry. The keypad will now apply to the first number
SELECT-NUM2	D	Select the second number for entry. The keypad will now apply to the second number
KEY-0-9-*-#	D	Keypad for entering the phone number. Will apply to whichever number was selected with SELECT-NUM1 or 2.
KEY-CLEAR	D	Clear the selected number
KEY-BACK	D	Go back one digit in the selected number
COPY-NUM1-NUM2	D	Copy the first number to the second number
CLEAR-NUM1-NUM2	D	Clear both first and second numbers
STORE	D	Store the current entries for first and second numbers into the preset selected
KEY-ENTER	D	If enter is pressed after entering the first number, the second number will be selected. If enter is pressed after entering the second number, the number will be dialed.
DIAL	D	Sends the previously entered number to the codec for dialing
PRESET-1-100	D	Used to recall presets 1-100. After recalling a preset, DIAL must be pressed in order to place the call
PRESET-CLEAR	D	Clears the interlock maintaining the last preset selected
DISCONNECT	D	Disconnect the current video call
ASCEND-PROFILE	A	Used to specify an Ascend prefix. Driven with an INIT symbol
TELEOS-NONE	D	Designates that no TELEOS suffix should be used if a 1 is placed on this input
TELEOS-X*X*X	D	Activate from button presses to select a TELEOS suffix to be added to a number (if desired)
INITIALIZE-PSETS	D	Clears all the presets
TANDBERG-RX$	S	Serial data string to be routed from a 2-way RS232 com port

FEEDBACK:

SELECT-NUM1-FB	D	Indicates the the first number is selected for entry
SELECT-NUM2-FB	D	Indicates that the second number is selected for entry
NUM1$	S	Serial data string to be routed to the serial portion of a touchpanel to display the first phone number
NUM2$	S	Serial data string to be routed to the serial portion of a touchpanel to display the second phone number
STATUS$	S	Indicates the status of the call while being placed, and while in progress. Should be

		routed to the serial portion of a touchpanel definition
CAUSE-CODE$	S	Indicates the last ISDN cause code received. This will generally indicate the reason for a call being disconnected. Should be routed to the serial portion of a touchpanel definition.
PRESET-1-100-FB	D	Indicates the last preset selected
TANDBERG-TX$	S	Serial data string to be routed to a 2-way RS232 com port

OPS USED FOR TESTING:	3.18.01
COMPILER USED FOR TESTING:	SimplWindows Version 1.20.04
SAMPLE PROGRAM:	TANDTSTD
REVISION HISTORY:	None