

SIMPLWINDOWS NAME: Tandberg Vision 2000 Initialization module

CATEGORY: Codec

VERSION: 1.0

SUMMARY: Sends initialization commands to Tandberg 2000 codec

GENERAL NOTES: This module will send all initialization commands to the Tandberg codec. It sets up parameters such as auto-answer, single/dual monitor, etc. It should be used when a system is first started up, or when the videoconferencing mode is first entered.

The module also tests communications with the codec. If there is no communications link, the COMM-ERROR output will be driven high.

The initialization process should take no more than a few seconds.

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:

INITIALIZE-CODEC	D	When this input is pulsed, the initialization process will begin
AUTO-ANSWER-?	D	Should be high (1) for auto answer on, low (0) for auto answer off
AUTO-PIP-?	D	Should be high (1) for auto pip on, low (0) for auto pip off
AUTO-STILL-?	D	Should be high (1) for auto still on, low (0) for auto still off (causes a still image received to be automatically displayed)
DUAL-MONITOR-?	D	Should be high (1) for dual monitor mode, low (0) for single monitor mode
PARALLEL-DIAL-?	D	Should be high (1) for parallel dial on, low (0) for parallel dial off (if set to off, BONDING calls will be dialed in a sequential manner. If set to on, they will be dialed simultaneously)
ECHO-CTRL-IN1-ON	D	Only one of these three IN1 inputs should be high. The other two should be low. It sets the echo control mode for audio input 1
ECHO-CTRL-IN1-OFF	D	Only one of these three IN1 inputs should be high. The other two should be low. It sets the echo control mode for audio input 1
ECHO-CTRL-IN1-TAND	D	Only one of these three IN1 inputs should be high. The other two should be low. It sets the echo control mode for audio input 1
ECHO-CTRL-IN2-ON	D	Only one of these three IN2 inputs should be high. The other two should be low. It sets the echo control mode for audio input 2
		Only one of these three IN2 inputs should be

ECHO-CTRL-IN2-OFF	D	high. The other two should be low. It sets the echo control mode for audio input 2
ECHO-CTRL-IN2-TAND	D	Only one of these three IN2 inputs should be high. The other two should be low. It sets the echo control mode for audio input 2
ECHO-CTRL-IN3-ON	D	Only one of these three IN3 inputs should be high. The other two should be low. It sets the echo control mode for audio input 3
ECHO-CTRL-IN3-OFF	D	Only one of these three IN3 inputs should be high. The other two should be low. It sets the echo control mode for audio input 3
ECHO-CTRL-IN3-TAND	D	Only one of these three IN3 inputs should be high. The other two should be low. It sets the echo control mode for audio input 3
TANDBERG-RX\$	S	Serial data string to be routed to a 2-way RS232 port

FEEDBACK:

INITIALIZE-CODEC-BUSY	D	High while the initialization is in progress. Should take no more than a few seconds
NO-COMM-ERROR	D	Goes high for one second if no communications is detected with the Tandberg after an initialization attempt
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