Partner: Crestron Electronics, Inc
Model: C2N-IIF
Device Type: Intercom

GENERAL INFORMATION

SIMPLWINDOWS NAME:	C2N-IIF Door Station v5.1
CATEGORY:	Intercom
VERSION:	5.1
SUMMARY:	Interfaces C2N-IIF Door Station with the C2N-IADS
GENERAL NOTES:	This macro will work with the Crestron C2N-IIF. It will enable audio communication between the door station and any connected touch panels via the C2N-IADS. This module interacts with the following modules for a complete system: ***Must be used with C2N-IADS_C2N-IIF Interconnect Module v5.1.*** C2N-IADS Room Control v5.1 modules Additional C2N-IIF Door Station v5.1 C2N-IADS_C2N-IVDS Interface v5.1 C2N-IADS Group Setup v5.1 C2N-IADS Phone Interface v5.1
CRESTRON HARDWARE REQUIRED:	C2N-IADS, C2N-IIF, 2-Series Processor

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CONTROL:

DoorBellBtn	D	This input should be driven by the 'DoorBellBtn' output from the C2N-IIF symbol. Pulsing this input routes the door station audio/video to selected touch panels/
[NoAudioUntilAnswered]	D	If this input is low (0 or undefined), the audio from this door station will be heard on all panels until the call is answered and then only by the panel that answered. If this input is high (1), the audio from this door station will not be heard until the call is answered and then only by the panel that answered.
[DB_ROOM_X] (1 – 22) **[DB_OUTPUT_X] (23 – 24)**	D	These inputs will set up the door station routing. A '1' on an input will include the room as part of the door station route, a '0' will exclude the room. The route is set at startup. Any change in theses inputs during run time will be ignored. If you have a panel that you want to hear the door station during the day but not at night it is suggested to use the DND function for the panel or turn the panel audio off.
FROM_CONTROL_MODULE$	S	Serial string from the required C2N-IADS_C2N-IIF Interconnect Module v4.

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FEEDBACK:		
TO_CONTROL_MODULE$	S	Serial string to the required C2N-IADS_C2N-IIF Interconnect Module v4.

PARAMETER:		
DOOR STATION LOCATION	Decimal	This is the input on the C2N-IADS where this door station is connected.
DOOR BEEL TIMEOUT	Seconds	Time in seconds. If no one answers the door station, the system will return to normal operation after this time has expired.

TESTING:	
OPS USED FOR TESTING:	3.154_0322
SIMPL WINDOWS USED FOR TESTING:	2.07.24
CRES DB USED FOR TESTING:	18.0.8
SYMBOL LIBRARY USED FOR TESTING:	381
SAMPLE PROGRAM:	Crestron Intercom System Demo v5.1
REVISION HISTORY:	V5.1 Version number change. No code change to this module. V5 Changed string parsing routine to improve speed and reliability. Added input to prohibit door station audio when call is first made. V4 Changed the door station routing from run time to startup to reduce inter module communications and speed up the routing. Changed the DOOR STATION LOCATION parameter to use a pull down box of acceptable values.