

Partner: TOA
Model: D-901
Device Type: Digital Mixer



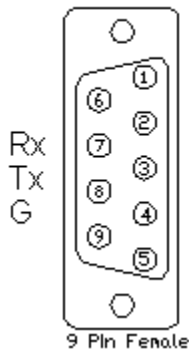
GENERAL INFORMATION

SIMPLWINDOWS NAME:	TOA D-901 Digital Mixer Crosspoint.umc
CATEGORY:	Mixer
VERSION:	1.0
SUMMARY:	This module controls one of many possible crosspoints within the Toa D-901 Digital Mixer.
GENERAL NOTES:	<p>This module controls one of many possible crosspoints within the Toa D-901 Digital Mixer. It allows the control of crosspoint level and crosspoint on/off activation. It will also provide true feedback indicating current level and channel on/off activation.</p> <p>By using the SCA (Source Channel Attribute), SCN (Source Channel Number), DCA (Destination Channel Attribute), DCN (Destination Channel Number) parameter pull down menus, a crosspoint is selected and can be controlled. Multiple instances of this module may be used. It is recommended to trigger the Polling option on all used modules by routing the "Poll_Finished" signal from the first module to the next module's Poll_Enable input. This allows all D-901 Mixer Modules to poll sequentially. Please refer to the DEMO PRO2 file for an example of this procedure.</p>
CRESTRON HARDWARE REQUIRED:	CNCOMH-2, CNXCOM-2, ST-COM, C2-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 115200 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	2.0
VENDOR SETUP:	Set RS232 Mode to REMOTE
CABLE DIAGRAM:	CNSP-121

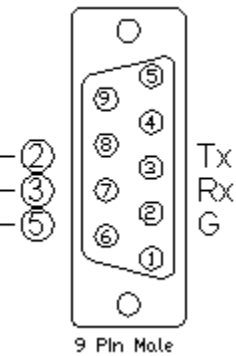
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Rear View of Connector



Rear View of Connector



CONTROL:

Level_Up/Down	D	Assert to increase/decrease device's current level
Level_On/Off	D	Pulse to activate/deactivate controlled channel
Poll_Enable	D	Pulse to poll device for current settings
From_Device\$	S	Serial signal to be routed from a 2-way com port

FEEDBACK:

Level_On/Off_FB	D	True feedback indicating the currently active preset
Poll_Finished	D	When module has completed its polling cycle, signal goes high for one wavelength. This signal is to be routed to the next D-901 Module used.
To_Device\$	S	Serial signal to be routed to a 2-way com port

PARAMETER FIELDS:

SCA	P	Source Channel Attribute - Parameter field allows the selection of input type (Line or Mic)
SCN	P	Source Channel Number - Parameter field allows the selection of input channel number
DCA	p	Destination Channel Attribute - Parameter field allows the selection of output type (Line or Mic)
DCN	p	Destination Channel Number - Parameter field allows the selection of output channel number

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**TESTING:**

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.177 (Release)]
COMPILER USED FOR TESTING:	2.00.30
SAMPLE PROGRAM:	TOA D-901 Digital Mixer Demo Pro2.smw
REVISION HISTORY:	V. 1.0