

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



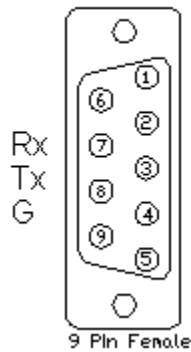
GENERAL INFORMATION

SIMPLWINDOWS NAME:	TOA D-901 Digital Mixer Input.umc
CATEGORY:	Mixer
VERSION:	1.0
SUMMARY:	This module controls one of twelve possible inputs within the Toa D-901 Digital Mixer.
GENERAL NOTES:	<p>This module controls one of twelve possible inputs within the Toa D-901 Digital Mixer. It allows the control of channel Level, Channel on/off activation and High Pass Filter On/Off activation. It will also provide true feedback indicating current level, channel on/off activation and High Pass Filter On/Off activation.</p> <p>By using the CHANNEL parameter pull down menu, one of the twelve input channels is selected. 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

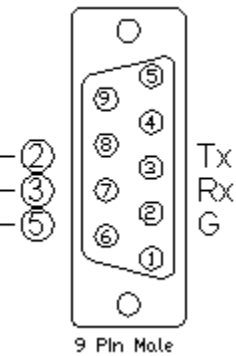
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Rear View of Connector



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
Level_HPF_On/Off	D	Pulse to activate/deactivate controlled channel's High Pass Filter
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
Level_HPF_On/Off_FB	D	True feedback indicating current status of the HPF
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:

CHANNEL	P	Parameter field allows the selection of one of twelve possible input channels
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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