

Partner: TOA  
Models: M-8080D  
Device Type: DSP



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	TOA M-8080D Level-State v1.0
<b>CATEGORY:</b>	DSP
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	The TOA M-8080D module suite is built as components to allow the programmer to dynamically add the controls they need for their system code.
<b>GENERAL NOTES:</b>	<ul style="list-style-type: none"><li>• One Command Processor is required for each TOA M-8080D device in the system.</li><li>• Control components will be added as needed.</li><li>• This module suite is RS232 control only.</li><li>• Locate the Device ID in the TOA M-8080D System Control Editor.</li></ul>
<b>CRESTRON HARDWARE REQUIRED:</b>	4-Series processor, 3-Series processor
<b>SETUP OF CRESTRON HARDWARE:</b>	N/A
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	N/A

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## PARAMETERS:

<b>Command_Processor_ID</b>	Use this parameter to link the component to a command processor. All control and feedback will be linked to that command processor.
<b>Control_Type</b>	The Control Type is used to determine the type of control this state component will control from a dropdown list. Valid Values: <ul style="list-style-type: none"><li>• Input Channel</li><li>• Output Channel</li></ul>
<b>Control_Index</b>	Assign the channel value from a dropdown list. Valid values are Index 1-12.
<b>Volume_Minimum</b>	Set the minimum value the Volume_Level can be set to. The minimum is -80d to represent -80 dB.
<b>Volume_Maximum</b>	Set the maximum value the Volume_Level can be set to. The maximum is 15d to represent 15 dB.

## CONTROL:

<b>State_On</b>	D Pulse this signal to set the assigned state to "On".
<b>State_Off</b>	D Pulse this signal to set the assigned state to "Off".
<b>State_Toggle</b>	D Pulse this signal to toggle the assigned state.
<b>Volume_Up</b>	D Pulse this signal to increment the volume on this channel by 1 dB.
<b>Volume_Down</b>	D Pulse this signal to decrement the volume on this channel by 1 dB.
<b>Volume_Level</b>	A Assign a new volume level to be sent. Valid values are 0-65535 and will be scaled to the defined minimum and maximum parameters.
<b>Volume_Level_Set</b>	D The release of this signal will send the new assigned level to the format and send to the device.

## FEEDBACK:

<b>Is_Initialized</b>	D Indicates that the assigned state has been successfully queried and is reporting its current state(s).
<b>State_Is_On</b>	D Indicates the current state of the control is on when this signal is high.
<b>State_Is_Off</b>	D Indicates the current state of the control is off when this signal is high.
<b>Volume_Level_Current</b>	A Indicates the current level of the channel control. Valid values are 0-65535 and will scale the feedback of the current level based on the defined minimum and maximum parameters.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	CP4 v2.8001.00086 CP3 v1.8001.5061.26823
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.2500.04
<b>CRES DB USED FOR TESTING:</b>	220.0500.001.00
<b>DEVICE DATABASE:</b>	200.29000.002.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	1193
<b>SAMPLE PROGRAM:</b>	TOA M-8080D Demo.smw
<b>REVISION HISTORY:</b>	v1.0 – Initial Release