

**Partner: BiAmp**  
**Model: AudiaFlex & Nexia**  
**Device Type: DSP**



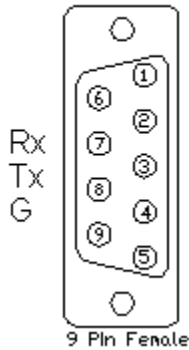
## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Biamp AudiaFlex + Nexia Preset Control v5
<b>CATEGORY:</b>	Mixer
<b>VERSION:</b>	V5
<b>SUMMARY:</b>	This module recalls presets in the BiAmp AudiaFlex and Nexia.
<b>GENERAL NOTES:</b>	<p>This module will recall presets in the BiAmp AudiaFlex and Nexia.</p> <p>This module <b>MUST</b> be used in conjunction with the Biamp AudiaFlex + Nexia Command Processor v5.umc module. This module processes all transmitted and received serial strings and reformats device feedback so that this data can be sent to the proper module for final processing.</p> <p>When polling the BiAmp for current status, you should poll for only the information you really need at the time. The more data points you poll for at one time, the longer it will take to get an update for any one data point. It should not normally be necessary to poll for all data points all the time.</p> <p>This module has (11) eleven parameter fields. All parameters are entered as ASCII characters. ADDRESS is the device's ID and is automatically assigned when the .dap file is compiled. PRESET ID is the preset id number from the .dap file.</p> <p>This information is all contained in the Block properties field when developing the .dap file within the Biamp Audia Flex Windows software. A .dap file (Crestron Test v5.dap) was created by Crestron for testing purposes and <b>MUST</b> be used for proper operation of the Pro2 DEMO v5 program.</p> <p>All responses from the BiAmp must be routed through the BiAmp AudiaFlex + Nexia Unit Buffer v5 module. This module will send the response string to only modules that are controlling the particular instance in the BiAmp. If there are more than 20 modules controlling a single instance object in the BiAmp, you must add buffering outside this module to send the response to no more than 20 modules at a time. Please the demo program for an example of this.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	ST-COM, C2-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 38400 Parity: N Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	4.380

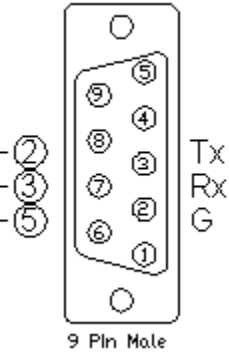
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Rear View of Connector



Rear View of Connector



## CONTROL:

<b>Preset_*</b>	D	Pulse to select the desired preset.
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## FEEDBACK:

<b>To_Processor\$</b>	S	Serial data signal to be sent to the Biamp AudiaFlex + Nexia Command Processor v5.
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## PARAMETERS:

<b>ADDRESS</b>	ASCII	Device address automatically assigned after the Biamp .dap file is compiled
<b>PRESET ID *</b>	ASCII	Preset ID number from the .dap file.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	3.155.1143
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.08.26
<b>CRES DB USED FOR TESTING:</b>	18.5.0
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	444
<b>SAMPLE PROGRAM:</b>	BiAmp AudiaFlex + Nexia Demo Pro2 v5
<b>REVISION HISTORY:</b>	<p>V3 – 2-Series Only, corrected dialer timing, text display, speed of dialing and over all operation (firmware)</p> <p>V4 – Changed timing of dialer strings sent when off hook</p> <p>V5 – Made changes for the new responses from the BiAmp. These new responses have the command details and status in them. This eliminates the need to poll for status when making changes. Added new commands. Added buffering for the responses to improve system response.</p>