



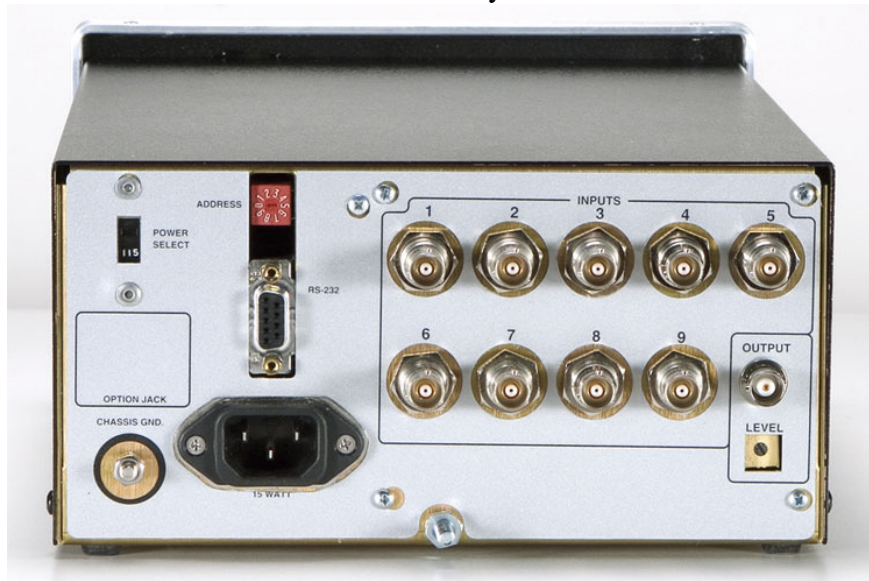
**Communications Recording Systems,  
Voice Logging Recorders, and Audio Products**  
Serving the Public Service Sector Since 1967

## AP-109B Audio Panel



### Features:

- Designed for military, intelligence, and communications monitoring applications
- Front panel pushbuttons allow the operator to select or switch between as many as 9 channels to listen to on the built-in speaker and headphone outputs.
- Built-in or external microphones allow the operator add comments to the output audio
- This unit can also be computer controlled thru an RS-232 serial connection
- Input connectors will be Tri-Ax (BJ-76)
- Compact size allows two units to be mounted side-by-side in a 19" EIA Rack





**Audio Panel (AP-109B) Specifications**

<b>Input Channels</b>	9 Rear Panel, Tri-Ax (BJ-76), Unbalanced
<b>Input Source Loading</b>	10k ohms
<b>Input Signal Required</b>	15 dBm or greater for full output
<b>Microphone Input</b>	
<b>External</b>	A front panel jack is provided for a headset "boom" type microphone. (A low impedance, dynamic type microphone is required).
<b>Internal</b>	A permanently mounted microphone is provided on the front panel
<b>Output</b>	
<b>Speaker</b>	Front Panel Mounted, 2 inch, 8 Ohm
<b>Headphone Jacks</b>	2 Front Panel Mounted Stereo Jacks
<b>Rear Panel</b>	1 BNC, Unbalanced, 600 Ohm with Level Control
<b>Power Output</b>	0.5 Watt
<b>Control and Status Indication</b>	Provided by discreet front panel switches with LED's or via rear panel RS-232 computer control.
<b>Front Panel channel Select Switches Functions</b>	
<b>1st Push</b>	Routes selected input to both sides of headset
<b>2nd Push</b>	Routes input to left headphone.
<b>3rd Push</b>	Routes selected input to right headphone
<b>4th Push</b>	Turns input off
<b>Computer Control</b>	
<b>Interface standard</b>	RS-232-C - DB-9 Female connector
<b>Format</b>	ASCII words for control and status information
<b>Total Harmonic Distortion</b>	
<b>Speaker</b>	≤1%
<b>Headphone</b>	≤ 0.5%
<b>Temperature</b>	<b>Operating:</b> -5° C to 50° C <b>Non-Operating:</b> -40° C to 70° C
<b>Power Requirement</b>	
<b>Voltage</b>	115/230 VAC 50-60 Hz Field selectable
<b>DC Option</b>	12 or 24 VDC
<b>Power Consumption</b>	15 Watts
<b>Connector/Cord</b>	3 prong "US" standard. "Shuko" and other foreign cords available
<b>Size</b>	8.55' Wide, 5.0" High, 11.50" Deep. Rack Mountable
<b>Weight</b>	8lbs