



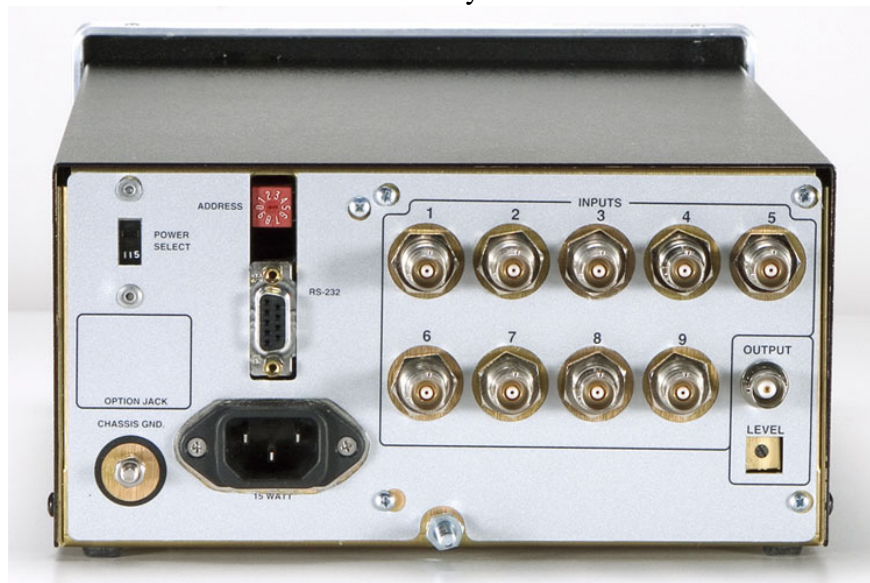
**Communications Recording Systems,
Voice Logging Recorders, and Audio Products**
Serving the Public Service Sector Since 1967

AP-109C 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). Inputs to be 600z Balanced with triaxial female connector. Special frequency response 250 Hz – 4 KHz.
- Compact size allows two units to be mounted side-by-side in a 19" EIA Rack





Audio Panel (AP-109C) Specifications

Input Channels	9 Rear Panel, Tri-Ax (BJ-76) 600z balanced female connector
Input Source Loading	10k ohms
Frequency Response	250 Hz - 4 KHz.
Input Signal Required	15 dBm or greater for full output
Microphone Input	
External	A front panel jack is provided for a headset "boom" type microphone. (A low impedance, dynamic type microphone is required).
Internal	A permanently mounted microphone is provided on the front panel
Outputs	
Speaker	Front Panel Mounted, 2 inch, 8 Ohm
Headphone Jacks	2 Front Panel Mounted Stereo Jacks
Rear Panel	1 BNC, Unbalanced, 600 Ohm with Level Control
Power Output	0.5 Watt
Control and Status Indication	Provided by discreet front panel switches with LED's or via rear panel RS-232 computer control.
Front Panel channel Select Switches Functions	
1st Push	Routes selected input to both sides of headset
2nd Push	Routes input to left headphone.
3rd Push	Routes selected input to right headphone
4th Push	Turns input off
Computer Control	
Interface standard	RS-232-C - DB-9 Female connector
Format	ASCII words for control and status information
Total Harmonic Distortion	
Speaker	≤1%
Headphone	≤ 0.5%
Temperature	Operating: -5° C to 50° C Non-Operating: -40° C to 70° C
Power Requirement	
Voltage	115/230 VAC 50-60 Hz Field selectable
DC Option	12 or 24 VDC
Power Consumption	15 Watts
Connector/Cord	3 prong "US" standard. "Shuko" and other foreign cords available
Size	8.55' Wide, 5.0" High, 11.50" Deep. Rack Mountable
Weight	8lbs