



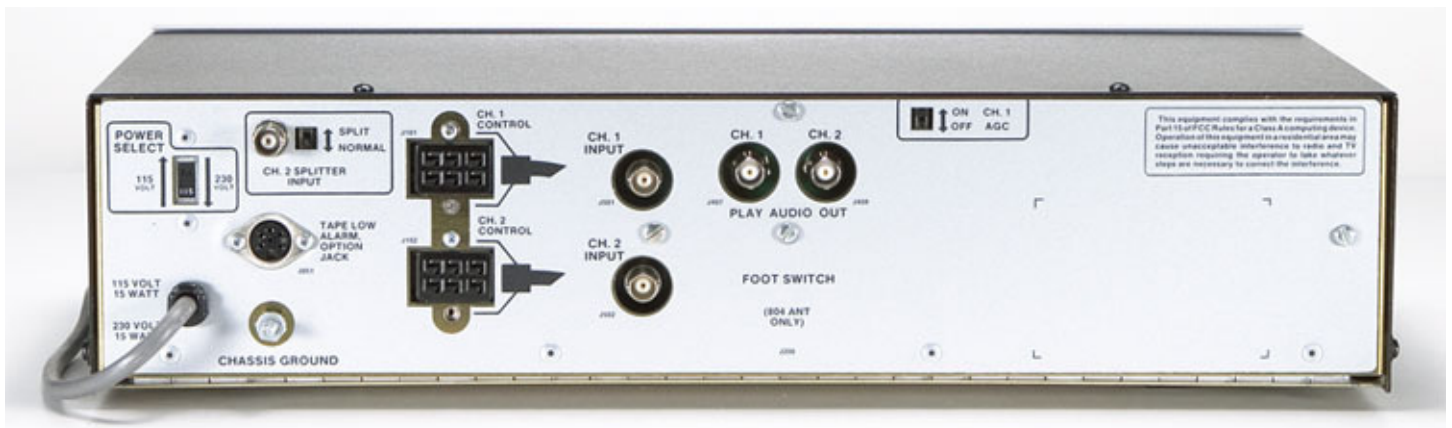
**Communications Recording Systems,  
Voice Logging Recorders, and Audio Products**  
Serving the Public Service Sector Since 1967

## Communications Recorder (804CN)



### Features:

- Designed for professional Communication center
- Military Voice Acquisition applications.
- Switch able power supply provides operation from 115 or 230 VAC (50 – 60 Hz) power source.
- 12 volt or 24 volt DC power operation is available as an option.
- Each recorder channel is VOX activated
- Tape monitoring is provided during record operation
- Audible and Visual tape low warning is provided.
- Two instant recall buttons are provided for quick playback of recently recorded information
- Dual Head provides tape monitoring during record.





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**Communications Recorder (804CN) Specifications**

<b>Recording Media</b>	Magnetic Tape in Cassette (Philips Standard)
<b>Recording Time</b>	8 Hours per Cassette
<b>Channels</b>	2
<b>Tracks</b>	4
<b>Tape Speed</b>	1.875 IPS
<b>Motor</b>	D.C. Servo controlled
<b>Heads (Record)</b>	Dual (Simultaneous Record And Playback), Permalloy (Super Hard)
<b>Heads (Erase)</b>	A.C. Biased Ferrite
<b>Frequency Response</b>	100hz - 10khz ( $\pm 3\text{db}$ , 1kRef.)
<b>Harmonic Distortion</b>	3% or less
<b>Signal to Noise Ratio</b>	40db or better
<b>Record and Era Bias</b>	100 kHz
<b>Start-Stop Control</b>	Automatic, voice operated switch (Vox). Manual control connections are also provided. Each channel is independent
<b>VOX Sensitivity</b>	Adjustable. -20 DBm (77Mv) minimum to +8 DBm (1.9 V) maximum. N Source loading 30K.
<b>VOX Hold Time</b>	Adjustable (1 second Min / 10 second Max)
<b>Input Requirements</b>	-30db Minimum to +8db Maximum. Source Loading 33k
<b>Record Level control</b>	Automatic gain control with limiter.
<b>Wow And Flutter</b>	.08% or Better JIS, WTD
<b>Metering</b>	L.E.D.'s
<b>Replay Ability</b>	A 30 second recorded conversation can rewind and playback stored in 3 seconds
<b>Audio Output</b>	5 watt
<b>Speaker</b>	3" front mount
<b>Power Requirement</b>	120 V AC standard (220-240 V AC, 12V DC optional)
<b>Tape Low warning</b>	Audible and Visual (LED) Indicators
<b>System Status Indicators</b>	9 LEDs
<b>Size</b>	5.25' High, 19' Wide, 7.75' Deep, Fits Standard 19' Rack
<b>Weight</b>	12 lbs, (5.5kg)

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