



Communications Recorder/Reproducer (804CP)



Features:

The 804CP is the same as the 804CN except for audio selection. The speaker is omitted and a selector switch is provided that allows the operator to monitor Channel 1, Channel 2 or both. In the "Both" position audio to the Headset jack is in Stereo configuration.

- Each recorder channel is VOX activated
- Internal AGC (Automatic Gain Control) and limiting maintain proper record level over a wide range of input levels
- Tape monitoring is provided during record operation
- A headset jack to drive 600Z headset is provided on the front panel
- Audible and Visual tape low warning is provided.
- Two instant recall buttons are provided for quick playback of recently recorded information
- Duel Head provides tape monitoring during record.





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

Communications Recorder/Reproducer (804CP) Specifications

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

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