

Digital Voice Recorders

Product Overview

Recording is critical to your operations. At CVDS, we started with that idea, and have built a robust digital logging recorder to satisfy your requirements of today and tomorrow. The ComLog is a state-of-the-art Digital Recording System that prides itself on reliability and availability. The system uses the most recent mass storage techniques for large instant recall buffering (1,200 - 20,000 hours) and inexpensive DVD-RAM for long term archiving. The ComLog is a network based system that allows access from local and remote workstations over dedicated or existing LAN/WAN connections. The ComLog system includes many advanced features as "standard" which are normally optional in other recording systems. Backed by 30 years of experience in the design and manufacturing of telecommunications equipment, and ISO9001 certification, CVDS Inc. has an ever growing list of satisfied customers.

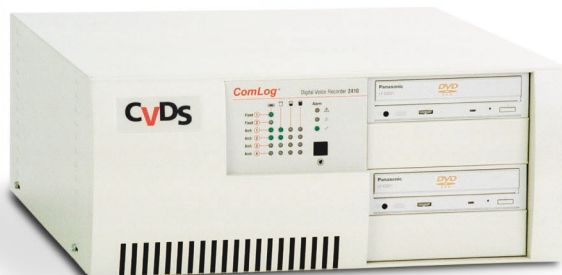
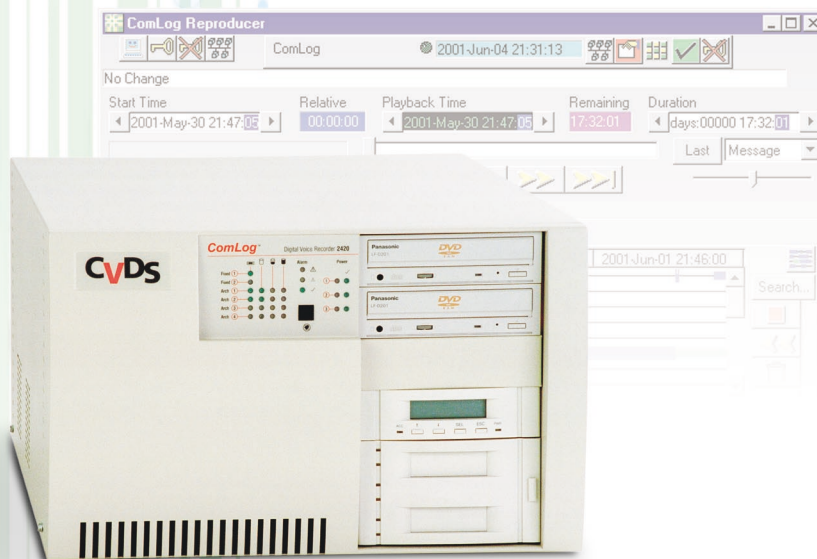
Applications

- Public safety
- Police departments
- Fire and EMS departments
- Call centers
- Air traffic control
- Marine traffic control
- Public utilities

Features

- Full time Audio/Event recording
- 12 to hundreds of record channels with up to 20 channel simultaneous playback
- Large Instant Recall Buffer (18GB or larger)
- Uses (re-writeable) 9.4 GB DVD-RAM for long term archiving
- Over 1 TB of fault-tolerant/hot-swap RAID-5 option available
- Instant Recall GUI at multiple workstations
- Access via PC workstations using Windows 98SE/Me/NT4/2000/XP
- Quick searching by Time/Date/Channel/CLID/DTMF
- Remote playback via Ethernet
- Digital transcriptions of "playlists" for incident recreations and training materials
- Digital interfaces available for: Nortel (Meridian, Norstar, DMS Centrex), NEC, Aspet, Lucent DEFINITY
- Interfaces to external time sources: SNTP/NTP, NetClock, RS-232, IRIG-B
- Workstation option available
- Skip over silence
- MP3 file generation
- Variable speed playback with pitch correction

ComLog™



CVDS

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SPECIFICATIONS

Recording Media	9.4GB DVD-RAM
Instant Recall Buffer	18, 36, 72, 144 GB - Single, mirrored, RAID-5
Max Rewind Time	Instant
Channel Capacity	Model DLS2410 - 60 channels; Model DLS2420 - 144 channels
Multi-Server Capacity	16
Recording Time per Media	9.4GB DVD-RAM - up to 1200 Ch-Hrs
Media Drive Expandability	1 to 4 Archive drives (2 as standard)
Playback	Voice over LAN; up to 20 channels simultaneously
Power Consumption	DLS2420 - 400W max.; DLS2410 - 200W max.
Operating Temperature	0 - 50°C
Humidity (non-cond.)	10 - 80% (non-cond.)
Signal-to-Noise Ratio	>70dB, C message weighting
Frequency Response	300 - 3400 Hz
Distortion	Depends on compression rate and output signal
Compression	12 - 32 Kbps user selectable per channel
Input Impedance	600 ohms or >10K ohms
Input Gain Adjustment	Variable from 0dB - +22.5dB
Record Activation	VOX, Hook-switch, Contact Closure
VOX Start Time	8 ms
VOX End Time	15ms to 5sec., Adjustable
VOX Holdover Time	1 to 60sec., Adjustable
VOX Threshold	Adjustable, -60 dBm to -10 dBm
User Interface	PC - Windows 98SE/Me/NT4/2000/XP
Modular Cabinets	Available in Desktop or Rackmount versions
Telephone/Radio Interface	2 or 4 wire interface modules (specify per 12ch)
Diagnostics	Built-in - run continuously in background
AGC	On playback
Simultaneous Record Playback	Yes
Type of Alarms	6 levels; major and minor with or without audible, informational or non-loggable
Type of Security	Multi-user with passwords - Individual user privileges and channel rights
Media Remaining Indicator	On server - LED indicators; at workstation in percentage
Instant Recall	Yes - Software as Windows GUI. API also available.
Instant Message Recall	Yes
Copy Media	Yes
Software Upgradable	Yes - from workstation or remote
External Time Inputs	SNTP / NTP, NetClock, CTSDS, IRIG-B
Time Output	IRIG, SMPTE
Channel Activity Indicator	At workstation
On-Line Help	Yes
Event log, User log, Status (error) Log	Yes
Record "Beeps"	Selectable per channel
Languages of User Interface	English, French
Warranty	1 year

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