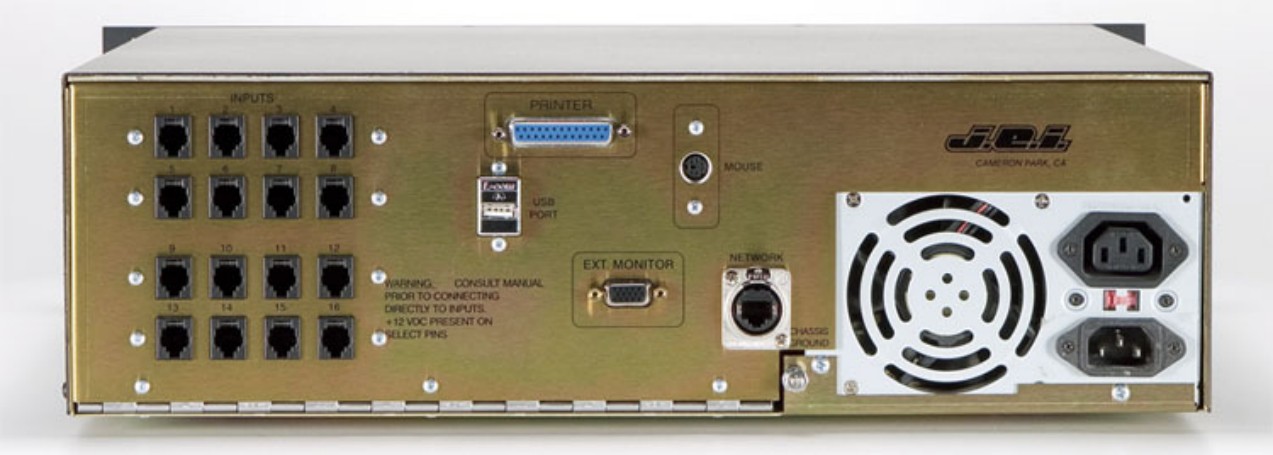
Communications Recording Systems,
Voice Logging Recorders, and Audio Products
Serving the Public Service Sector Since 1967

Digital Voice Logging Recorder With Removable SATA Archive System (DVR-ES)

Typical Applications Include

- Public Safety Communication Recording
- Voice Safety Communication Recording
- Audio intelligence gathering
- Microphone Recording –Interview Rooms
- Court Reporting
- Stand alone unit for instant recall an archival recording of audio communications.
- Sixteen recording channels with simultaneous playback.
  (Also available in 2,4,6,8,10,12,14 or 16 channel configurations
- Built-in button key panel for easy operator control
- Easy search and retrieval of voice recordings by date, time and channel options.
- MPEG-2 Compression Algorithm
- Impact resistant high-resolution 5” monochrome display shows information on 18 recordings at one time.
- Headphone jacks on front panel for listening privacy or recoding to an external unit.
- Free standing unit for desktop application or mounting in an EIA standard 5¼” x 19” rack space 5.



SATA Drive Features

- Increases the Audio Storage capacity
- No failures due to mis-wound tapes or scratched DVD Disks
- SATA drives retrieve Audio files faster than DVD or Tape drives
- Fewer man-hours on Archival media handling and storage.
- No Tape maintenance (i.e. cleanup, retention)
- Easy insertion of SATA drive in the SATA drive bay
- No load and unload time on the SATA drive. Power-up time for SATA disks takes less than 10 seconds
- Stores at least 15 times more audio than DVD on a single side
- Longer life time on the SATA disk than DVD and Tape
- Solid build quality of the SATA disk and removable caddy eliminates damage to media (stainless steel housing)
- Newer technology than DAT tape and DVD
- Easy access to parts for the SATA drive at present and for another 10 years
- Faster Read and Write operation on the SATA drive
- Minimal hardware upgrade to a higher capacity SATA media, unlike DVD and Tape, which needs both software and major hardware upgrades.
- Portability – Install Driver Trays in workstations where needed

Digital Voice Acquisition Recorder (DVR-E) Specifications

Recording Channels	2,4,6,8,10,12,14 or 16
Recording Media	Internal: 36 GB SCSI Hard disk Archival: 20 GB DAT (DDS-4)
Recording Time, Hard Disk	1800 Hrs @ 22 KHz Freq, 32 KB Sample Rate
Recording Time, DAT	1200 Hrs @ 22 KHz Freq, 32 KB Sample Rate
Compression	MPEG II @ 8 to 128 KBITS
Simultaneous Record and Playback	Yes
Record Sample Rates	16 To 48 KHz
Record Control	Vox or External closure.
Input Level	-25 to +4 DBm
Input Source Loading	10Kohms
Vox Controls	Sensitivity adjustable from front panel for each channel
Input Connections	BNC, 5 pin DIN for JEI couplers.
Record Level	Automatic, (AGC with limiter)
Frequency Response	Selectable 20 to 20000 Hz (default 300 Hz to 10 KHz)
Harmonic Distortion	.88 db with 1 KHz signal .004%
Signal to Noise Ratio	+93 db
Output	Front Panel Speaker, Headphone Jack, Rear Panel BNC Power
Time/Date Reference	Time (24Hr. Format), date and duration of each conversation is provided.
Display	High Resolution 5" Monochrome CRT
System controls	Front Panel Key Switches Keyboard Connection Provided
Power Requirement	115/230v AC, 50-60 Hz, 500 Watts (std.).
Temperature	Operating: 0° C to 55° C, Storage: '-20° C to 65° C
Condensation	80% Non-Cond
Operating Altitude	10,000 ft. Max
Construction	All metal chassis and enclosure, Desktop or Rack mount
Size	5.25' High, 19' Wide, 16.0' Deep + Connectors
Weight	29 lbs,
Options	External video monitor port Power supplies 12 to 48 VDC Playback package (software/soundboard) Network Interface Time Synchronization (software/hardware)

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