

# Aviation Recorders

## PORTABLE INTERFACE (PI)

The L-3 Portable Interface (PI) is a hand-held portable interface device for data retrieval from FA2100 Recorders. The user interface, a seven-key keypad and an eight-line display allows stand-alone operation to perform the following functions: FDR, CVR and CVDR monitor, copy and playback.



### KEY FEATURES

- Provides digital data copy FDR, CVR and CVDR with time tag from the FA2100 recorder
- High-capacity PC card (PCMCIA) allows storage of data from multiple aircraft flights
- Simultaneous CVR reproduction of six analog channels
- Real-time audio monitoring
- Rapid FDR data retrieval on aircraft
- Menu-driven user interface with fault output display capability
- Powered by the FA2100 FDR, CVR and CVDR recorder



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## PORTABLE INTERFACE (PI)

### PHYSICAL DIMENSIONS

Height:	10.5 in (267 mm)
Width:	5.5 in (140 mm)
Depth:	2 in (51 mm)
Weight:	>3 lbs (0.91 kg)

### POWER

Power to operate the PI is obtained from the FA2100 recorder (CVR/FDR/CVDR)

### CONNECTOR

26-pin ATE interface to FA2100

### MONITOR OUTPUTS

Auxiliary output monitor for rotor speed/GMT/FSK, headphone jack, 600 ohms for monitoring any or all audio channels

### DATA MONITORING

Rotor speed/FSK output  
GMT/FSK output via 1/8-inch stereo jack  
Monitored playback audio via 1/4-inch  
600 ohms phone jack  
Internal speaker and individual audio channels via 9-pin DIN connector

### DATA RETRIEVAL

Real-time audio (all channels)  
Playback of audio (all channels)  
Download of digital audio data to hard disk  
Playback of audio from hard disk via PI  
Real-time raw flight data  
Full or partial download of digital flight data

### ENVIRONMENTAL

Temperature:	Operating: 0° to +50°C Storage: -20° to +60°C
Vibration:	None
Impact:	None
Humidity and Liquid Submersion:	None



High Capacity PC Card (PCMCIA) allows for storage of data from multiple aircraft flights



Hand-held portable interface device for data retrieval from FA2100 recorders

L-3 Aviation Recorders Quality Management System is ISO 9001:2000 and AS9100:2004 Rev. B Certified

### Aviation Recorders

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**communications**  
Aviation Recorders

L-3. Headquartered in New York City, L-3 Communications is a prime contractor in aircraft modernization and maintenance, C<sup>3</sup>ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.

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