

# L-3 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 of monitor or playback audio for recording
- Rapid FDR data retrieval on aircraft
- Menu-driven user interface with fault output display capability
- Powered by the FA2100 FDR, CVR and CVDR Recorder



# L-3 Aviation Recorders

## PORTABLE INTERFACE (PI)

### PHYSICAL DIMENSIONS

Height:	10.5 inches (267 mm)
Width:	5.5 inches (140 mm)
Depth:	2 inches (51 mm)
Weight:	2 pounds (0.91 kg)

### POWER

Power to operate the PI is obtained from the FA2100 when the attached 10 foot cable is plugged into the ATE connector on the front panel of the recorder

### 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

### 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
EMI:	CE
Humidity and Liquid Sumbersion:	None



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



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

L-3 Aviation Recorders Quality Management System is ISO 9001:2000 and AS9 100:2004 Rev. B Certified

### Aviation Recorders

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**communications**

**Aviation Recorders**

L-3. Headquartered in New York City, L-3 Communications employs over 64,000 people worldwide and 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. The company reported 2007 sales of \$14 billion.

MKT054 Rev \*B This technical data and software is considered as Technology Software Publicly Available (TSPA) as defined in Export Administration Regulations (EAR) Part 734.7-11.