AvionTEq

www.avionteq.com

PORTABLE INTERFACE (PI)

The L3 Portable Interface (PI) is a handheld 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: Flight Data Recorder (FDR), Cockpit Voice Recorder (CVR) and Cockpit Voice and Data Rceorder (CVDR) monitor, copy and playback.

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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

Aviation Products

PORTABLE INTERFACE (PI)

SPECIFICATIONS

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 Portable Interface 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 Ω for monitoring any, or all audio channels

DATA MONITORING

Rotor speed/FSK output

GMT/FSK output via ⅛-in. stereo jack

Monitored playback audio via ¼-inch

600 Ω 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 Portable Interface

Real-time raw flight data

Full or partial download of digital flight data

ENVIRONMENTAL

Temperature (operating)	0 °C to +50 °C
Storage	-20 °C to +60 °C
Vibration	None
Impact	None
Humidity and Liquid Submersion	None

COMPANY CERTIFICATION

L3 Aviation Products Quality Management System is ISO 9001:2008 and AS9100:2009 Rev. C Certified

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Handheld
Portable Interface device for
data retrieval from FA2100 recorders

High-capacity PC
card (PCMCIA)
allows for storage
of data from
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flights

L3 Aviation Products is a leading provider of commercial and military avionics, as well as MRO services. We manufacture a diverse line of safety- and efficiency-enhancing products that sets the standard for next-generation cockpit requirements.