



Hand Held Multi Purpose Interface (HHMPI)

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1 Select Aircraft

2 FDR Download All

3 CVR Download All

4 Upload File (FTP)



Hand Held Multi Purpose Interface (HHMPI)

The HHMPI is a hand held download unit which connects to multiple types of flight recorders (Data & Voice). The download unit supports multiple memory devices such as SD card, CF card, USB memory and a PCMCIA II card option to store flight data or cockpit audio files.

The unit can also be used as a portable device to import stored flight data in replay software such as STARS.

The HHMPI offers significant cost advantages by eliminating the need to acquire different download units to interface with each flight recorder type. The HHMPI is powered by the flight recorder or optional battery version.



Key Features:

- Interfaces with all major Flight data and Cockpit voice recorders
- Shortcut keys (user defined) to allow quick access to commonly used functions
- Monitor live data words in real time (hex, octal, decimal or binary)
- Download options include:
 - FDR Download all, Download since last & Download time
 - CVR Download all & CVR download time
- Powered by the Flight Recorder, or internal battery
- Multiple storage options such as Internal memory, USB drive, SD & CF card, Optional PCMCIA card option, or interface as a storage device to PC / Laptop / Tablet
- Standard Ethernet port for data transmission and secure FTP file transfer
- Online web interface to customise HHMPI device configuration
- Administrator security access control, set passwords for HHMPI menus or functions



Technical Specifications:

The HHMPI interfaces with the following flight recorders:

L3 Communications (Fairchild / Loral):

SSFDR & SSCVR: F1000, FA2100, 2200, 2300
FA5000
uQAR

L3 EDI: SRVIVR -CVFDR-429, SRVIVR -CVFDR-717,
SRVIVR -CVR, SRVIVR -FDR-717

Honeywell (Allied Signal):

SSFDR & HFR5 series
SSCVR, AR series & DVD-R
Light Weight-CVR, Light Weight -FDR,
Light Weight -CVFDR-717, and Light Weight -CVFDR-429

BAe: MCR 500, SCR 500

GE: VADR

Universal: CVFDR/FDR/CVR

HR Smith: CPI - FDR Module



Additional HHMPI Features:

- Wireless USB Dongle 802.11g - Access wireless (wifi) network using the HHMPI for file transfer to a nominated FTP server
- PCMCIA Card Interface Reader & Battery Pack - Allows download of flight data from Teledyne, Sagem, Thales, Honeywell and other systems
- Ethernet Interface connection to support Ethernet based Flight recorders
- CVR Decompression tool - downloads and converts L3, Honeywell & Universal CVR audio into a compatible file format ready for replay in any PC media player
- HHMPI Cradle - Charge Battery Version HHMPI, File transfer to a PC via USB or Server via Ethernet Cable





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