













Pelican Protector 1600 case: broken handle, crack in top RHS front corner. Shuts ok.

3.5" floppy with SDF utilities for Win 95, 98, NT to interface HP 3560A to PC.

HP 3560A analyser with:

- magnetic field sensor, power supply interface and calibrator;
- 2 microphone/preamp modules, power supply interface and calibrator;
- 2 accelerometers and mounting blocks and calibrator.

<p>HP 3560A dynamic signal analyser S.N. 3324A01242, Option E17 NiCad battery pack HP P/N 1420-0504, 6V 450mA charge. Bad battery replaced with M+H Nicad pack. Analyser self-test passed all ok. Bottom left corner of LCD screen damaged (~10% of screen). DB9 in-line female to DB9 in-line female 3m extension cable. No AC adaptor.</p>	
<p>MAG-03MCMB three axis magnetic field sensor Bartington Instruments; s.n. 697; Measurement range: +/- 100uT ; 1kHz flat (3kHz -3dB) 5m extension cable with Hirose RM15TPD10S connectors each end. Tripod adaptor. Working ok.</p>	
<p>MAG-03 calibrator 350nT p-p (190Hz) S.N. 016 ; Bartington Instruments; Allows 3 axis locations for sensor. Battery indicator green – ok. 9V battery required. Working ok.</p>	
<p>MAG-03 PSU S.N. 439, dated 1997. Sensor input 10-pin socket. 3x BNC signal outputs (X,Y,Z) +/-10V FS. 9-18Vdc input. On switch. Internal battery and charger. Isolated buffer opamp for each channel with filtering options. Missing 6V 1.1Ah lead-acid backup battery (LCR6V1.3P). 12.5mVrms output for 350nTp-p calibration. Working ok.</p>	
<p>ACOP-4012XX7 microphone/preamp with windscreen Serial N. 086-6; ACO Pacific Inc; 1/2" polarised capsule to 1/2" preamp; 5-pin Lemo socket to suit ACOP9200 interface for 200V polarisation and 28V preamp powering. Working ok. 0.5 to 200kHz bandwidth. 5-pin Lemo to 7-pin Lemo plug 2 meter extension lead.</p>	
<p>TMS 130C10 with 130P10 ICP condenser microphone and preamp S.N. 1064 and 11197; 1/4" pre-polarised tip and combined preamp, with calibrator insert; 10 to 20kHz +/-0.1dB. BNC socket. Needs ICP powered interface. Working ok. Do not use with 9200 interface (wrong powering options).</p>	

<p>ACOP9200XX interface for microphones Serial 7-037-1, 9V battery required. Power supply pcb generating 28Vdc for preamp and 200Vdc for polarisation. Signal is coupled through 10uF 35V tant. Dual channel. Repaired - bad RC4193 – added SB160 in series with +9V input. BNC to BNC extension leads to HP3560A. Working ok.</p>	
<p>CRL 511E calibrator with QC:3 cavity adaptor for 1/2" microphones S.N. 024476; Cirrus Research, 94 and 104 dB at 1kHz, IEC942 Class 1L; 9V battery required. Working. Added O-ring (1/2 x 3/32) for sealing the cavity side wall to 1/2" microphone. 1/4" microphone adaptor with TMS130C10/P10. Working ok.</p>	
<p>PCB 393A03 Accelerometer ICP S.N. 5409. 1V/g output. +/-5g pk. 0.5Hz to 2kHz (up to 6kHz). 210gm weight. Mounting block. 1.5m interface cable, BNC plug to 2-pin plug (97-3106A-10SL-4S). Needs ICP powering interface/input selection. Working ok.</p>	
<p>PCB 353B51 Accelerometer ICP S.N. 38051. 500mV/g output. +/-10g pk. 1Hz to 2kHz (up to 7kHz). 32gm weight. Mounting block. Model 003C10 Interface lead to BNC plug. Needs ICP powering interface/input selection. Working ok.</p>	
<p>PCB Piezotronics 394B06 calibration shaker SN 1073, 9V battery required. Working. 1 g rms constant vibration at 79.6Hz for a mass up to 85gms max (ie. only suitable for 353B51). Working ok.</p>	
<p>ICP power supply interface 4mA constant current supply for accelerometers and 1/4" Mic. Output to EMU0404. See design sub-folder. Working ok.</p>	

- Disconnect battery from HP 3560A.