

Model 798 Handi-Logger

The Handi-Logger is the cost-effective way to automate the monitoring of any kind of field instrumentation. The Handi-Logger is a “plug-and-play” datalogger and alarm unit that is easy to use in even

the most rugged environments. It combines a versatile CR10X datalogger, DC power supply, serial interface and optional autodialer—all mounted inside a waterproof fiberglass enclosure.



PLUG-AND-PLAY DATALOGGER AND ALARM UNIT

Instruments and external multiplexers connect to your Handi-Logger via the clearly labeled internal wiring panel. Cell phone, modem, storage module and radio telemetry options are available for communication with your host computer. Six terminals are provided for activation of a wide range of alarm peripherals, including autodialers, horns and strobe lights.

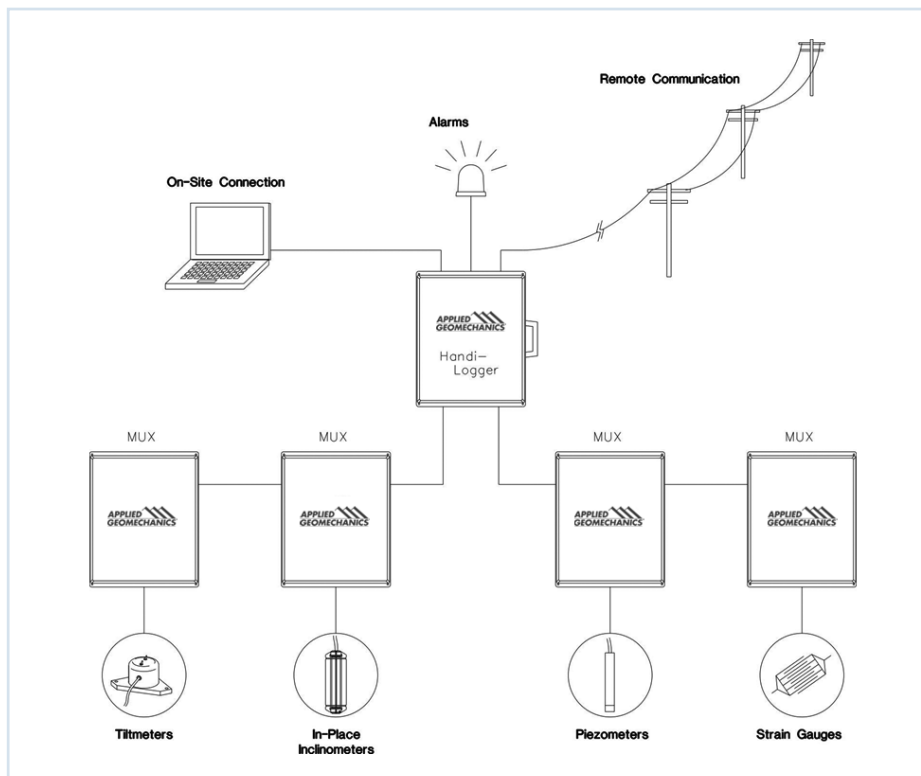


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MODEL 798 HANDI-LOGGER

SIGNAL INPUT	Options: <ul style="list-style-type: none"> • 2 biaxial tiltmeters or 2 multiplexers* • 1 biaxial tiltmeter or 1 DC multiplexer, and 1 vibrating-wire multiplexer
POWER SUPPLY	Internal 12V, 7.0 Amp-hour battery; Operating voltage range: 9.6 to 16 VDC
BATTERY CHARGING	16 to 26 VDC or VAC (RMS), 1.1 Amp max. @ 18 VDC or VAC (RMS) AC adaptor and solar panels are available.
SOFTWARE	LOG data acquisition software included. PC208W telecommunications software is used for communications and data transfer
DATA STORAGE	Stores up to 32,000 data values at 13-bit resolution. Larger storage capacities available.
COMMUNICATIONS OPTIONS	Direct serial connection (included with basic system), telephone modem, radio, coaxial cable, twisted pair, and hand-held storage device
POWER REQUIREMENTS	110-120 VAC American version or 220-240 VAC export version, @ 50-60 Hz; fuse protected (1 Amp)
ALARM FEATURES	<ul style="list-style-type: none"> • Alarm threshold checking rate is independent of data storage rate • Linear, sinusoidal, and rate-of-change thresholds available • Up to 6 alarm ports available
ENVIRONMENTAL	-25°C to +50°C operational and storage
ENCLOSURE	Wall and pole-mountable NEMA-4X (IP65) fiberglass enclosure, gasketed and rainproof
SIZE & WEIGHT	383 x 333 x 193 mm (15.3 x 13.3 x 6.7 inches); 8 kg (20 lb)

*Use a Model 797 multiplexer to increase the number of input channels.



ORDER CODES:

798-A	2 biaxial tiltmeter inputs
798-B	1 biaxial tiltmeter input and 1 vibrating wire input
-C	includes cellular phone telemetry
-R	includes spread spectrum radio telemetry
797	Multiplexer (adds 30 input channels)
PC208-W	Telecommunications Software
TBASE II	Database and Analysis Software

APPLIED GEOMECHANICS

140 Chestnut St.
 San Francisco CA, 94111
 T: 1+415-364-3200
 F: 1+415-861-1448
 Geomechanics.com

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