

Product	Description	Application
RA.8119	Master annunciator rack with voting	Displays an identified alarm if a positive alarm is received from the set voting requirement, eg. 2 out of 3 seismic switches have sensed an event.
RA.8120	Slave annunciator rack	For additional annunciation without voting.
RA.8122	Repeater rack	Provides the relay outputs for another area, eg. Control room
RA.8124	Calibration rack with either alarms not Inhibited or alarms inhibited	To calibrate each of the tri-axial seismic switches. The alarm-inhibited version allows the master annunciator voting rack to be checked.
Recorder System	7U rack mounted, 15" colour monitor type RAK 15. 1U lockable drawer mounted keyboard. 4U rack mounted PC, MITAC type MCH-203, Pentium 2, P333 processor. Sensonics software.	Signals are stored for a pre-event period and are continuously overwritten. When an event occurs the signals are copied to disk with pre and post event signals.
Replay Software	Replay software to be loaded on a stand-alone computer.	The information is taken from the recorder system after an event for analysis.
RA.8118	48Vdc PSU rack to power seismic event detection system.	Typically driven by mains 110V ac supply.
UPS	600VA Miniverter Uninterruptable Power Supply.	Switches to standby batteries in the event of a power failure. Trickle charges standby batteries in normal conditions.
Batteries	Powersafe, 6v Type F Industrial batteries.	Normally qty 9 required system, offering up to three hours of operation after power failure.
Cubicle	To house all the seismic detection System apart from the seismic Switches.	Typical sizes 800mm wide x 950mm deep x 2075mm tall. operational and visual indicators are visible through the armoured glass front door.

Key Features of Sensonics Seismic Protection Systems

- a) Safety case justified system, (NII & SRD) Sensonics have extensive safety case experience (FMEA).
- b) Hardware generated alarms. System is operational without Software or Networks.
- c) Complete System designed, manufactured, installed and maintained by Sensonics.
- d) Designed for use in Nuclear Power Stations and field proven over 15 years with excellent record.
- e) Guaranteed availability. Spares held by Sensonics, Emergency helpline, Call out facility etc.
- f) Flexibility - System enhancements.



Sensonics Ltd,
 Berkhamsted,
 Herts, HP4 1EF,
 England
 Tel: +44 (0)1442 876833.
 Fax: +44 (0)1442 876477.