



MODEL 500

- **Our most economic work horse—it gets the job done!**
- F-type connectors for Detector Antenna Cable
- Connections via PC Mounted Terminal Blocks
- Pre-set 450ms 12VDC Signal Control Voltage Output
- Pre-set 3 minute 12VDC Power Control Voltage Output
- DPDT 10 Amp Switched Dry Contacts

MODEL 1000

- **Our most popular system—**
Real-time Atmospheric Disturbance Bargraph Display
- Built-in Power Supply & Battery Charger
- Built-in Standby Battery
- Built-in 6-pair, 2 Amp Control Line Switcher
- Built-in Protected 10 amp AC Power Source via 3-wire Outlet
- Built-in AC Power Source Common-mode Surge Suppressors
- Built-in AC Power Source Noise Filtering/Suppression
- Built-in Continuous/Automatic Detector Test w/audible alert
- Disconnect Cycle Digital Counter
- User-selectable Signal Disconnect Time Cycle (450ms-3min)
- User-selectable Power Disconnect Time Cycle (1.5-20min)
- F-type connectors for Detector Antenna Cable
- Connections via PC Mounted Terminal Blocks



Model 1800

- **Our BEST System—a full range of capabilities for all power issues**
- Bargraph LED provides visual atmospheric and power line disturbances monitoring in "real time"
- Power line voltage monitor alerts you to damaging high/low conditions
- Solid state audible alert for power line/atmospheric disturbances
- Built-in re-settable digital counter stores and reports number of equipment disconnect cycles or number of irregular power line events
- Standard RJ-11 modular telephone connector protection for phone, intercom, or data line equipment
- Push button test and reset capability for disconnect/protect function
- Full range of LED indicators for "Status-at-a-Glance" operation
- Protection circuitry for Remote Detection Unit during potentially damaging conditions and "heartbeat" test feature verifies detector operation
- Standard 3-wire female AC receptacle for equipment power source connection
- Terminal strip connections for equipment disconnect switchers
- Battery back-up for uninterrupted protection, even when power is off
- User selectable Equipment-in-Use/Auto Disable prevents premature or inappropriate equipment disconnect/shut-down
- Detector "Look Up" timer assures equipment is disconnected/protected
- Built-in interface for data collection/recording equipment
- User selectable disconnect & Detector Look-Up timers
- "Self-Protect" function: Unit disconnects/isolates itself



Our patented technology works for you 24/7 and automatically takes action to protect your equipment - - - no down time, no lost connections, no costly equipment repairs, no insurance claims, no upset customers, no hassle.....

No problem!!

Equipment Protection System Product Selection Matrix

Works with every commercial and industrial application with proven performance

Three models available to fit any budget or requirement

Protect one piece of equipment or an entire system

Complete line of switching units lets you add protection for other equipment as needed

Capability/Feature	AI-1800	Model 1000	EPS- 500
Real-time Atmospheric Disturbance Bargraph Display	•	•	
Real-time Power Line Disturbance/Surge Bargraph Display	•		
Real-time Power Quality Monitoring—Hi/Lo line voltage	•		
Low-voltage equipment shutdown capability	•		
Built-in Power Supply & Battery Charger	•	•	
Built-in Standby Battery for detection/control system operation	•	•	
Built-in Standby Battery for operation of remote switching units	•		
Built-in 6-pair, 2 Amp Control Line Switcher		•	
Built-in Protected 10 amp AC Power Source via 3-wire Outlet	•	•	
Built-in AC Power Source Common-mode Surge Suppressors	•	•	
Built-in AC Power Source Noise Filtering/Suppression	•	•	
Built-in Continuous/Automatic Detector Test w/audible alert		•	
Built-in data collection/recording connections	•	•	
120 or 240 VAC unit available	•	•	
LED indicators for “Status-at-a-Glance” operation	•	•	•
System disconnect test/reset controls	•	•	•
Disconnect Cycle Digital Counter	•	•	
User-selectable Signal Disconnect Time Cycle (450ms-3min)	•	•	
User-selectable Power Disconnect Time Cycle (1.5-20min)	•	•	
User-selectable Equipment-in-use/Auto-Disable capability	•		
User-selectable Automatic Operation/System Bypass capability	•		
F-type connectors for Detector Antenna Cable	•	•	•
RJ-11 modular phone I/O connectors for phone, intercom, data	•		
Connections via PC Mounted Terminal Blocks	•	•	•
Pre-set 450ms 12VDC Signal Control Voltage Output			•
Pre-set 3 minute 12VDC Power Control Voltage Output			•
Dry contacts for Signal & Power Interface	•	•	•
Metallic enclosure*	•	•	•

* Enclosure dimensions: Model AI-1800: 15” X Metallic enclosure 12” X 4” Desk top. Model 1000: 10” X 12” X 4” Wall-mount. Model EPS-500: 7” X 5” X 3”, can be wall-mounted or desk top

