



# Elite Pump Controller



## Antx' Powerful Dialog Solution

### Advanced pump control, remote monitoring and alarm notification in one simple integrated unit

The Elite Pump Controller gives you flexibility, ease-of-use and confident control of remote pumps by combining duplex pump control, reporting, monitoring, and alarming in one integrated unit. It supports float switches and level sensors, and even detects when those components fail. The controller logs up to 1000 events including pump cycles, run times, total flow and many other measurements. Remote diagnosis and control can easily be handled by a cell phone-equipped operator from any location. Reliability is ensured through system safeguards including detection of stuck floats, backing up sensors with floats, and controlling maximum pump run times.

#### Convenient interfaces for control and monitoring of pumps

- From the central office through the Internet
- By field operators equipped with cell phones
- Locally with integrated keypad, display and speaker
- Remote reporting & notification via fax

#### Duplex pump control

- Fill or drain applications
- Automatic alternation or lead/lag
- Float switch or sensor-based activation
- Pump start & stop
- Delay settings for start, re-start, and dual mode
- Individual override for maintenance operations
- Manual control of pump relay while in override
- Stuck float switch pump activation

#### Alarm notification

- High & low level
- Pump overtemp
- Phase fault
- Power failure
- Low battery
- Motor start fault
- Stuck float switch
- Seal failure
- Transmits through land line, mobile phone or radio
- Custom alarms to phone, pager, or fax

#### Monitor and log status

- Status of all control and alarm parameters
- Pump start, stop, & run times
- Totalized flow
- HOA status
- Stores up to 1000 records
- Access locally through front display keypad
- Access the data from phone, fax, Internet, or modem
- Daily fax reports

Manage your pumps remotely by telephone or from your PC.

Antx Elite Pump Controller in NEMA 4X enclosure





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Antx' Powerful  
DiaLog Solution



## Local interfaces

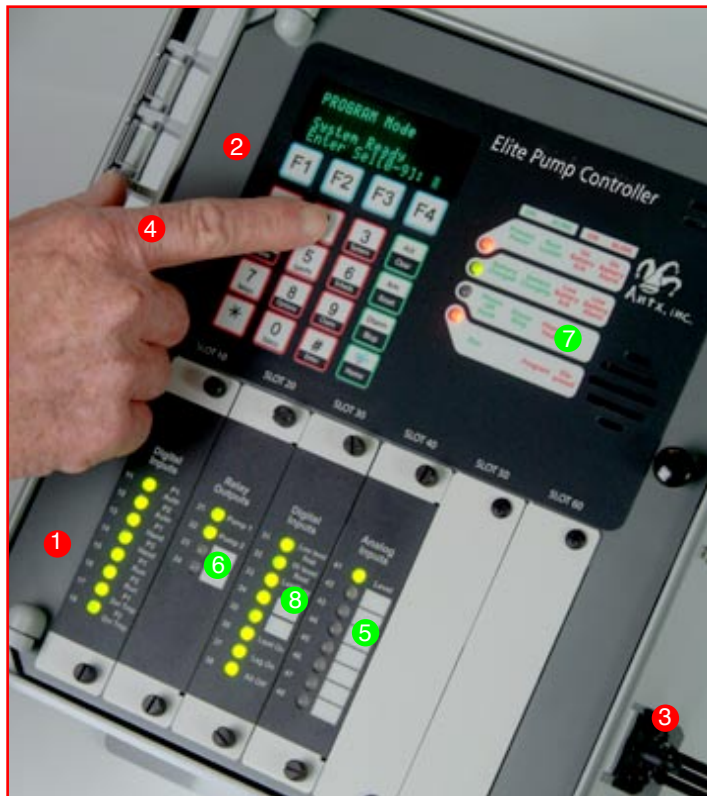
- 1 Front panel LEDs show main pump parameters at a glance
- 2 Keypad and display for programming and local status
- 3 Printer port enables data dump of all system settings and states
- 4 Manual override for pump maintenance

## Customizable

- 5 Additional analog or digital inputs
- 6 Spare relays can drive local lights, horn alarm or more pumps
- 7 Calls person who needs to know based on the time of day
- 8 Additional alarms such as intrusion detection or flow limits

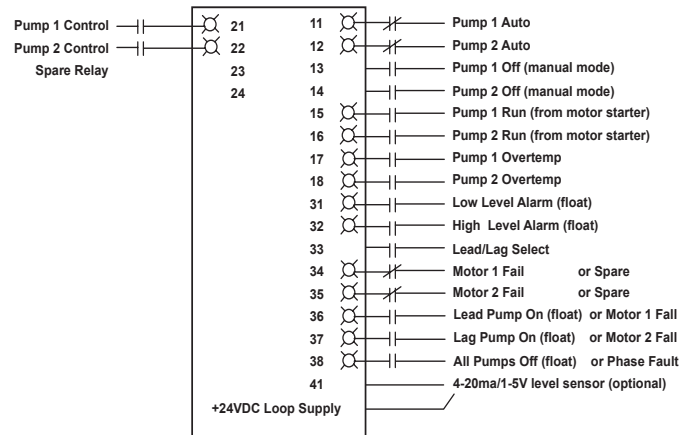
## Remote Interfaces

	Alarm	Monitor	Control	Program
Phone	●	●	●	●
Cell phone	●	●	●	●
Digital pager	●	●		
Text pager	●	●		
Internet	●	●		●
Fax	●	●		



## Easy setup

- All channels pre-assigned for easy wiring
- Phone connection via land line or optional cell phone
- Optional Internet monitoring service
- Integrates directly with SCADA via radio, cellular, or land line modem
- Five-minute setup



## Specifications & Configuration

**Control Inputs** Sensor-based or float-based  
**Digital Inputs** 4 or 8 per card, dry contact or digital 12-24V, NO/NC  
**Analog inputs** 8 per card, 4-20ma, 1-5V  
**Relays** 4-24, 4 per card, 8A at 125VAC, 5A at 30VDC  
**Enclosure** NEMA 4X, panel, or flush mount

**Dimensions** 10.5" w x 12.5" h x 7.00" d (258mm w x 307mm h x 172mm d)  
**Temp limits** -40 to 185°F (-40 to 85°C)  
**Power** 115 VAC 10% or 230 VAC 10%

**Requirements** 50 to 60 Hz; 25 watts. Maximum current draw on DC power: 850 mA at 15 VDC  
**Internal Battery** 24-hour rechargeable sealed lead acid battery  
**Warranty** 5 years

