Signature
CONTROL SYSTEMS, INC.

Galaxy™ Field Controller/Satellite

Stand-alone controller or central satellite for all landscapes

The Galaxy Controller / Satellite delivers the ultimate in power at an affordable price. Galaxy™ is designed to operate as a stand-alone controller or as a satellite in a central controlled system. Galaxy is easy to operate with flexible configuration and communication options. Galaxy firmware can be upgraded in the field to a fully configured Constellation® version allowing the user full access to our patented Peer-to-Peer networking features.

FEATURES AND BENEFITS

NETWORK

- Network can be controlled through a central computer and our desktop software or through the internet with our eConstellation service
- Hardwire, Ethernet and radio communications can be used on the same network
- Backward and forward compatible with firmware match
- Firmware upgradeable to Constellation for advanced network features

CONTROLLER/SATELLITE

- Multilingual user interface
- Enable and disable commands with delay timer
- User selectable 12 or 24 hour clock format
- Automatic, semi automatic manual and delayed manual station control
- Water Budgeting from 0 – 999%
- Open, Overload and Short-circuit protection
- User selectable Water Budget or ET adjusted control for each irrigation schedule/program
- Normal Closed Master valve / pump start
- Accommodates up to two sensors
- Flow monitoring and reporting of over-flow and under-flow conditions
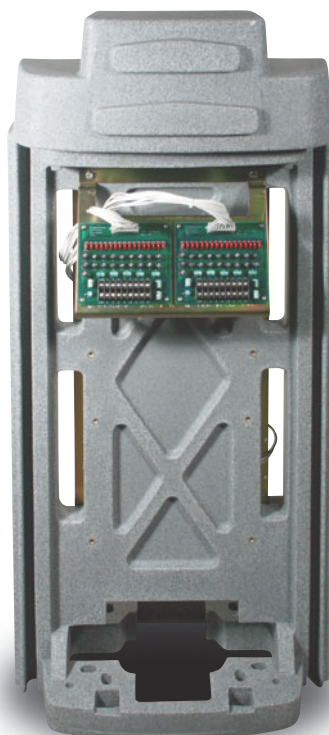
- Generates alarms, flow and status reports which can be sent to the central computer and/or stored in the local logs
- Pedestal units can be configured for 96 traditional stations, or 250 decoder addresses (6 valve modules max. within a pedestal)
- Wall mount units can be configured for 48 traditional stations, or 250 decoder addresses (3 valve modules max. within a wall mount)
- Manages 32 fully independent, customized schedules/programs
- Each schedule/program has 8 start times and can accommodate up to 48 events, stations can be run in any sequence and you have the capability to run the same station multiple times within the same schedule/program, each with a different run time if needed
- Programs can be linked to start when another program ends
- Each schedule/program has a completely independent watering calendar which can be All Months, Months, Weeks, Odd/Even or interval up to 99 days
- Virtually unlimited flexibility for specific cycle scheduling/programming
- Multiple repeats and pauses within a schedule/program

Galaxy Plastic Pedestal

GALAXY
CENTRAL CONTROL SYSTEM

The Industry's Most Advanced Irrigation Management Technology.

Stand-alone controller or central satellite for all landscapes

Galaxy Plastic Pedestal front view with 32 stations
(2 C modules x 16 stations per module = 32)

Galaxy Plastic Pedestal back view
(showing the other half of the C modules pictured above)

ENCLOSURE OPTIONS

Plastic Pedestal:
Black Granite, Green Granite, Gray Granite, Tan

Wall Mount:
Small (Indoor/Outdoor Mount), Gray Only
Large (Indoor/Outdoor Mount), Gray Only

NETWORK COMMUNICATIONS OPTIONS

Hardwire (Standard)
Digital Spread Spectrum Radio (License Free) [900 MHz]
Ethernet Modem

REMOTE COMMUNICATIONS OPTIONS

Handheld Maintenance Radio (VHF requires FCC license)
Landline Telephone (Requires a firmware change)
Cellular Phone (CDMA and GSM)
Ethernet Modem

SENSOR OPTIONS

Accepts both Pulse (standard) and 4-20mA
(optional equipment required) sensors

Pulse Sensors:
ET Gauge
Tipping Rain Bucket
Rain Switch
Flow Meter
Frost /Temperature
Any On/Off or Active/Non-Active

4-20mA Sensors:
Soil Moisture

VALVE MODULE OPTIONS

A style = 16 station (small terminals)
B style = 8 station (large terminals)
C style = 16 station (large terminals, pedestals only)
D style = 125 address decoder

ELECTRICAL OPTIONS

Input Power:
- 115 VAC, 60 Hz
- 0.20 amps @ 115 VAC, 60 Hz (no load)
- 0.80 amps @ 115 VAC, 60 Hz (max. load)

Station Output Power
- 24 VAC (120 VA) total
- Station draw: max. 3 solenoids per station, 14 stations simultaneously (max. 3.2 amps)

DIMENSIONS

Small Metal Wall Mount
- Width: 14" / Height: 12 3/4" / Depth: 4 1/4"

Large Metal Wall Mount
- Width: 14" / Height: 18" / Depth: 4 1/4"

Plastic Pedestal
- Width: 16" / Height: 45" / Depth: 11 5/8"

SIGNATURE CONTROL SYSTEMS, INC.

For almost 100 years, Signature Control Systems, Inc. (formerly Union Tools and Thompson Manufacturing) has been dedicated to providing the highest-quality products and services in the industry.

Signature Control Systems, Inc. is an industry leader in the design and manufacturing of Turf Management Systems including intelligent irrigation controllers, and site management software — providing landscape managers, golf course superintendents, as well as property managers direct control of irrigation and water resources.

For more information, please contact: