

GOLF SATELLITE CONTROLLERS

AuroraLT™

Aurora®

AuroraLT™ Decoder

Aurora® Decoder



Wall Mount Enclosure



WaterSense labeled only when this product is used with the Signature Share Intelligent Package



Plastic Pedestal Enclosure

FEATURES

Aurora® [AUR] and Aurora® LT [ALT] Satellite Controller's Stand-alone controller's or network satellites for golf courses

NETWORK

Patented true two-way communication (peer to peer) allows an Aurora® Satellite Controller to operate as a stand-alone controller or as part of a satellite network with or without a central computer [AUR only]

- Sensor inputs allow satellites to monitor, store and share data from multiple sensors across a network [ALT requires AIU module to share network data]
- Hardwire, Ethernet and radio communications can be used on the same network
- Cell phones and handheld radios can be used as remotes
- Backward and forward compatible
- AUR network can be monitored and controlled from and at any satellite through Signature's patented Peer to Peer communication technology, through a central computer with Aurora® desktop software, or via the internet with our eAurora® web service, or both for that matter
- Hardwire ready configuration allows for quick and inexpensive installation of communication between satellites

SATELLITE CONTROLLER

- Multilingual user interface
- Enable and disable commands with delay timer
- User-selectable, 12-hour or 24-hour clock format
- Semi-automatic, manual and delayed manual station control
- Global, controller/satellite, program water budgeting from 0-999%
- Open, Overload and short-circuit protection
- User-selectable Water Budget or ET-adjusted control for each irrigation schedule/program
- Master valves (2 N/C and 2 N/O) and local and remote pump capabilities and pump start
- Accommodates up to two sensors and shares an additional 4 sensors across a network [AUR only & ALT requires an AIU module to share network data]
- Flow monitoring and reporting of over-flow or under-flow condition

- Generates alarms, flow and status reports which can be transmitted to a user-defined location and/or stored in the local alarm log
- 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 128 fully independent, customized schedules/programs [ALT has 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—from any satellite on the network [AUR only]
- 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
- Suitable for hybrid applications where two-wire systems and traditional wired systems coincide

NETWORK COMMUNICATIONS OPTIONS

- Hardwire (Standard)
- Digital Spread Spectrum Radio (License Free) [900 MHz and 2.4 GHz]
- Ethernet Modem

REMOTE COMMUNICATIONS OPTIONS

- Handheld Maintenance Radio [VHF]
- Landline
- Cellular Phone (CDMA and GSM)
- Ethernet Modem

Note:

Other options available — options vary by location; check with your local Signature Regional Manager

Summary Features List

COMMUNICATION FEATURES

Peer-to-Peer Communication



PROGRAMMING FEATURES

Number of Zones (Wall Mount)

8-48

8-48

8-48

Number of Zones (Pedestal)

8-96

8-96

8-96

Remote Master Valve / Pump Starts



Master Valve / Pump Starts

1 N/O

4 N/O or N/C

2 N/O, 2 N/C

Number of Independent Programs Per Controller

32

32

128

Start Times per Program

8

16

8

Multiple Start Types per Program



Events per Program

48

64

48

Real Time Flow Sensing



SENSOR FEATURES

Local Sensors per Satellite

2

0

2

Remote Sensors per Satellite



Sharing of Sensor Data - from Interface Unit



Coming Soon



Sharing of Sensor Data - from any Satellite



SATELLITES (2-Wire)

AURORA LT™ AURORA RT™ AURORA®

Peer-to-Peer Communication



250

250

250

250

250

250

1 N/O

4 N/O or N/C

2 N/O, 2 N/C

32

32

128

8

16

8



48

64

48



DECODER OPTIONS

LOW POWER TYPE

AD-111LP: Low Power Field Decoder;
1- address, 1-solenoid

AD-121LP: Low Power Field Decoder;
2- addresses, 1-solenoid per address

STANDARD DECODER TYPE

AD-112: Field Decoder;
1- address, up to 2-solenoid per address

AD-122: Field Decoder;
2- addresses, up to 2-solenoids per address

AD-111: Field Decoder;
1- address, 1-solenoid

AD-132: Field Decoder;
3- addresses, up to 2-solenoids per address

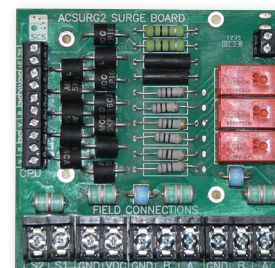
AD-142: Field Decoder;
4- addresses, up to 2-solenoids per address

2-WIRE ACCESSORIES

ACDECI: 125-Zone Decoder Modulator Board

ADPROG: Decoder Field Programmer

TWSPK: Decoder Surge Protection Kit



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