



SHARE™ Galaxy RT

Outdoor, 8 to 96 Station (1-250 Zones with 2-Wire Decoders*), Cellular Enabled Web-Based, Smart[†] Irrigation Controller for Heavy Commercial Applications.

Features Signature's Share™ ground-breaking, advanced system control technology to provide landscape professionals tools to increase productivity and profitability.



Key Feature/Benefits:

Remote Control

Remote access to the controller via a mobile app allows contractors to operate the controller in the field without the need to purchase and maintain additional hardware

Total System Control

- Total irrigation system control from anywhere allows managers to perform site-wide commands, conduct remote diagnostics, and carry out a host of additional functions from any internet-connected computer, eliminating the need to travel to each controller individually, saving you time and money

Weather-Based

Employs the industry's most advanced algorithm and software system to reduce water use by adjusting watering schedules automatically. Saves up to 40% or more water while keeping plants healthy and green giving owners a fast payback period

Employs real time ET data calculated wirelessly by using nearby weather stations eliminating the need and cost of installing and maintaining a dedicated weather sensor

Web-Enabled

"Pre Internet-Connected Programming" allows contractors to program the controller prior to installation, increasing productivity

"Sensor Sharing," links any controller to sensor inputs from any sensor connected to any Share™ controller site wide, eliminating the need to purchase and install multiple sensors

Future software upgrades are automatically downloaded into the controller, extending the life of and improving the benefits of the controller over time

Additional Features:

Total System Control

- Individual Controller, Site-Wide and Global Rain Delay: Temporarily pause the operation of a single controller or an entire site by using the mobile app or online account. Eliminates the need to drive to each site and manually turn off each controller
- Site-wide event triggers: Enables landscape managers to program an action for any controller(s) based on an event or condition at any other controller
- Automatic Alarms, Alerts and Notifications: Makes landscape managers aware of problems as they arise allowing them to resolve issues immediately before they become a problem
- Flow Monitoring: Automatically detects "over flows" then shuts down the system and alerts managers, saving water and preventing damage due to erosion (flow sensor required)
- Custom Reporting: Generate "Flow" and other reports to communicate system performance
- Uniform programming among all Share™ models makes it easy to mix and match additional controllers on the same site

Weather-Based

- "Basic" and "Intelligent" programs available: Allows users to run traditional programs and ET-based programs on the same controller (a basic program for planters under a patio cover for example)
- EPA's Water Sense Designation: Qualifies for rebates with many water districts

Web-Enabled

- Encrypted and password protected software protects against hackers and unwanted controller access
- No Battery Needed/Perpetual Backup: Programs reside in the controller and in "the cloud" meaning you'll never lose a program, time or date setting again
- Multi-user/multi-level access: Grant or restrict access to the controller, giving you complete control over who can operate the controller and at what level

Cutting Edge Hardware

- Automatic surge protection and diagnostics: Alerts managers to faulty solenoids, wiring and electrical problems
- Backwards and forwards compatible, extends the life of the controller
- Manual Start button on the controller allows contractors to run each station manually from the controller without the use of Signature's mobile app
- Integrated RF Access Point for future wireless expansion
- Connect up to 30 sensors through the Smart Sensor Port to maximize control over micro climate conditions
- Connect up to 4 Master Valves/Pumps to accommodate up to 4 Points of Connection, maximizes the available water in a given watering window
- Runs up to 15 valves simultaneously to maximize the amount of water applied in a specific water window
- Utilize Signature's 2-wire decoders to operate up to 250 valves (decoder module required)
- Both traditional valves and 2-wire decoders* can be operated from the same controller allowing contractors to easily increase station count
- Available in painted metal (wall mount only) and plastic or stainless steel pedestals for your choice of options to meet the needs of the site

Flexible Scheduling

- 64 programmable irrigation events allow you to schedule multiple soak times within a schedule
- Parallel Programming allows you to run up to 15 stations simultaneously to maximize watering within a defined time frame
- Stacking Start Times: Pauses the next station in the sequence until the previous station has completed its cycle. Prevents actuating too many valves for the capacity of the system
- Water Budget: Allows managers to easily adjust the amount of water applied in a program by percentage amount
- Pumps assignable by station to improve programming flexibility

Communications

Cellular Modem: CDMA or GSM

Technical Specifications:

	USA & Canada	International
Power Input:	120V AC, 60Hz	230 VAC, 50Hz
Station Outputs:	24V AC, 3 AMP	24 VAC, 3 Amp
Max Load per Station:	3 AMP	3 Amp
Station Capacity:	Up to 15 24VAC, 6VA solenoid valves	

Dimensions/Weight

Unit Dimensions:	Custom built
Unit Weight:	Custom built
Carton Dimensions:	Custom built
Shipping Weight:	Custom built

Controller Specifications

Model Type:	Outdoor
Enclosure Type:	Metal Wall Mount; Plastic or Stainless Steel Pedestal
Programming Type:	Basic or Intelligent models available
Number of Stations:	Wall Mount: 8 to 48 (or 1 to 250 2-Wire Decoders) Pedestal: 8 to 96 (or 1 to 250 2-Wire Decoders)
Number of Programs:	16
Programmable Events:	64
Number of Start Times:	4
Run Times:	1min to 17 hrs 59min
Smart Sensor Port:	1
Master Valve/Pump Starts:	4
Scheduling Options:	Select Day(s) of Week Select Day(s) of Month Select Day(s) of Year Select Days to Skip (1-99 Days) Odd/ Even Select Any Day On or Off

Certifications

Industry/Testing:	UL, cUL, CE, CSA, C-tick, FCC Part 15
EPA Certification:	EPA WaterSense

Warranty: 2 years parts and labor

*Signature 2-Wire Decoders are available with the following configurations:

Model	Description	Model	Description
CD111	1-Station Decoder G1, 1-Solenoid per Station	CD122	2-Station Decoder G1, 2-Solenoids per Station
CD111DC	1-Station DC Latching Decoder, 1-Solenoid per Station	CD132	3-Station Decoder G1, 2-Solenoids per Station
CD112	1-Station Decoder G1, 2-Solenoids per Station	CD142	4-Station Decoder G1, 2-Solenoids per Station

How to Order a Share™ Controller

Share™ controllers can be configured to the specific needs of your irrigation site. Choose among the options below to determine your model number.

Example Model Number: GALSLWY1AP048X4*

Model	Brand	Enclosure	Color	Transformer Power	Valve Module Type	Surge Protection	Station Count	Network Communications	Remote Communications
Galaxy	S	PE LW SW HF	B G Y T	1 2 3	A B C D O	P S	0 56 8 64 16 72 24 80 32 88 40 96 48 125 250	X	4 5

*Configuration Key

Model:	Galaxy RT
Brand:	Signature Control Systems
Enclosure:	PE=Plastic Pedestal LW=Large Wall Mount SW=Small Wall Mount HF=Stainless Steel Front Entry
Color:	B=Black (Plastic) G=Green (Plastic) Y=Gray (Plastic or Wall Mount) T=Tan (Plastic)
Transformer Power:	1=110VAC 2=220VAC 3=Solar

Valve Module Type:	A=16 Stations (Small Terminals) B=8 Stations (Large Terminals) C=16 Stations (Large Terminals Pedestals Only) D=125 Address Decoder Module O=None
Surge Protection:	P=Premium S=Standard
Station Count:	0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 125 (1 Decoder Modulator), 250 (Dual 125 Decoder Configuration)
Network Communications:	X=No Access Point Radio
Remote Communications:	4=GSM (Cellular) 5=CDMA (Cellular)

† Note: All features and specs are subject to change. This product may be purchased with either Basic or Intelligent Watering programming capabilities. For Smart Irrigation Control please specify the Intelligent model when ordering. Rebates apply to Intelligent models only. To upgrade from Basic to Intelligent Watering functionality can be done directly through the Signature web site, the Share app and through authorized Signature distributors.

For more information visit:
www.signaturecontrolsyste.ms.com