



# SITEMASTER

## 2-WIRE DECODER CONTROLLER

Application: Residential / Commercial



## Specifications

### OPERATING SPECIFICATIONS

- Station Run Times: 1 second to 9:59:59 Programs A, B, C, D, E, & F
- Start Times: 6 per program
- Watering Schedule: 7 Day Calendar (any day of the week), odd or even days, interval watering up to 31 days
- Operating Temperature: 0°–140°F (18°–60° C)
- Zone Capacity: 99, Zone groups limited to 6 zones and 1 MV/PS per primary line (A and B total)
- Pump Start requirements: Pump start relays on the 2-wire path require the K-Rain Optical pump start relay. Pump starts wired directly to the controller require K-Rain 1520 or 1510 mini coil power relay.

### ELECTRICAL SPECIFICATIONS

- 2-Wire transformer; Input: 120/240 50/60 Hz Max Output: 27 VAC 100VA 3.7 AMP
- Midbox Transformer; Input: 120/240 50/60 Hz Max Output: 24 VAC 40VA 1.71 AMP
- Battery: 2032 Coin Cell (included) 9V alkaline battery (optional, not included)
- For PERMANENTLY CONNECTED EQUIPMENT, a readily accessible disconnect device shall be incorporated external to the equipment.

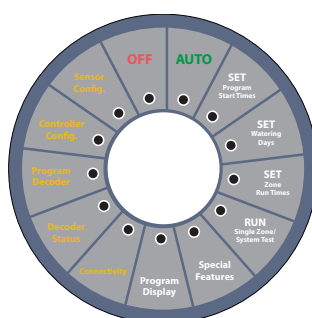
### DIMENSIONS

- Height: 11.91" (30,25 cm)
- Width: 15.45" (39,24 cm)
- Depth: 6.43" (16.33 cm))

Perfect for use on large commercial, industrial and residential sites, SiteMaster controls up to 99 zones. User-friendly, this innovative controller offers advanced diagnostics along with easy setup and operation.

Along with the ability to run up to 99 zones, the SiteMaster has an extra large 5" X 3" display screen with a full keyboard for easy naming and displays watering days, number of start times, number of stations and specialized programming.

The two transformer design, along with separate, dedicated lines and advanced on-board diagnostic tools, makes troubleshooting your system both easy and accurate.



## Easy Programming Interface Dial

## Diagnostic Tools

- General Log Screen** – Captures every piece of data sent and received by the controller.
- Fault Log Screen** – Specific to faults that have occurred. It is also interactive. Issues can be marked as FIXED as they are resolved.
- The Decoder Status Check Screen** – Can be run at any time. It will show you the line each decoder is on, the Outgoing Signal Strength (OSS) and the Incoming Signal Strength (ISS). The unit saves the last check so you can review it before running it again.

## Features and Benefits

- **Patented largest full program display screen** – One screen shows watering days, number of start times and special features such as seasonal adjust, zone grouping and restore program.
- **Flow meter and weather station capable** – Connect up to two hard wired flow meters and three additional meters attached to decoders out in the field. K-Rain® Weather Station connects directly to the controller and has the ability to modify run times.
- **Rain sensor and rain/freeze sensor ready** – Allows automated operation to be controlled by sensor
- **Advanced diagnostics** – Provides an interactive fault log to track completed repairs. The display shows on which line a fault occurred as well as the outgoing and incoming signal strength to each decoder to better locate a problem. Ability to display real-time current draw on the main screen at all times.
- **Full keyboard** – Makes naming zones, programs and overall programming simple and intuitive.
- **Self-regulating decoders** – The decoder will regulate the voltage sent to the coil to minimize the current drawn by each coil – making it more efficient and able to open more solenoids than traditional systems.
- **Station delay/overlap and pump pressurization** – Permits additional time or dual operation for issues like: well recovery, slow closing valves and water hammer, as well as the ability to set a pump pressurization time for each of 5 separate pump start locations.
- **Dual transformer design** – Time spent programming an entire system is safe and secure. Separates the midbox and your program from the 2-wire lines.
- **Independent wire paths** – Two completely separate wire paths (2 routes per line or 4 total) allows you to easily eliminate half the system from your troubleshooting. It also means that if there is an issue, half of the system will still be able to function.
- **2-wire path uses standard AC** – Helps reduce corrosion and reduces limitations on cable topology. Diagnosis can be done with a standard voltmeter.

## Accessories

Add flexibility to your SiteMaster system with these accessories.



## Models

- 3400 SiteMaster, 2 Wire Decoder Controller, includes 3403 2-wire module
- 3401 SiteMaster, Single Station Decoder
- 3402 SiteMaster, Surge Protector
- 3403 SiteMaster, 2-Wire Module
- 3206 RF module with short distance antenna





# PRO EX 2.0 WiFi

## MODULAR IRRIGATION CONTROLLER KIT

Application: Residential / Commercial



The PRO EX 2.0 WiFi Enabled Controller offers proven power and functionality with the convenience of world-wide control through your smartphone, tablet or web browser!

Easily and securely sync with homeowners' or business' WiFi, manage multiple accounts and increase your productivity tenfold! You will appreciate the easy programming and installation too!

## Models

<b>3202ID -WIFI-KIT</b>	PRO EX 2.0 WiFi enabled indoor base unit with 4 station expansion module, WiFi hub, RF module, short range antenna, 110V AC plug pack transformer. Free iOS/android apps.
<b>3202ID-220 -WIFI-KIT</b>	PRO EX 2.0 WiFi enabled indoor base unit with 4 station expansion module, WiFi hub, RF module, short range antenna, 220V AC plug pack transformer. Free iOS/android apps.
<b>3202 -WIFI-KIT</b>	PRO EX 2.0 WiFi enabled outdoor base unit with 4 station expansion module, WiFi hub, RF module short range antenna. Free iOS/android apps.
<b>3202-P -WIFI-KIT</b>	PRO EX 2.0 WiFi enabled outdoor base unit with 4 station expansion module, WiFi hub, RF module, short range antenna, with pigtail. Free iOS/android apps.
<b>3202-220 -WIFI-KIT</b>	PRO EX 2.0 WiFi enabled outdoor base unit with 4 station expansion module, WiFi hub, RF module, short range antenna, 220V AC plug pack transformer. Free iOS/android apps.
<b>3205</b>	PRO EX 2.0, 4 station expansion module

## FLOW SENSOR ASSEMBLIES

<b>FS735-10</b>	1" Complete Assembly
<b>FS228-15</b>	1-1/2" Complete Assembly
<b>FS228-20</b>	2" Complete Assembly
<b>FS228-30</b>	3" Complete Assembly
<b>FS228-40</b>	4" Complete Assembly



## Specifications

### OPERATING SPECIFICATIONS

- Station Run Times: 1 second to 6 hours for all stations
- Number of Programs: 3
- Number of Automatic Start Times: 4 per program
- Program Watering Schedules:  
Custom (day of the week), Interval (1-31 days),  
Odd (odd calendar days), Even (even calendar days)

### ELECTRICAL SPECIFICATIONS

- Power Input: 110VAC  $\pm$  10% 60Hz,  
240V AC  $\pm$  10% 50Hz
- Power Output: 24V AC 1.25 Amp
- Power Backup: Lithium coin-cell battery maintains time and date during primary power outages, 4 AAA batteries allow for remote programming and LCD viewing.
- Multi-Valve Operation: Up to three 24V AC,  
7 VA solenoid valves

### DIMENSIONS

- Height: 7 3/4" (19,6 cm)
- Width: 10" (25,4 cm)
- Depth: 5" (12,7 cm)

See page 47 for other available accessories

## PRO EX 2.0 WiFi Features and Benefits

- **Wifi enabled** – Syncs with wifi to allow functionality through a smartphone, tablet or web browser. Weather IQ with set-able limits. Remote access and alerts. Optional proprietary wifi booster.
- **Patented Full Program Display** – One screen shows watering days, number of start times, number of stations and special programming.
- **Flow Sensor Ready** – Connects directly. Has high/low flow abort settings and provides flow data capture.
- **Rain sensor and rain/freeze sensor ready** – Allows automated operation to be controlled by sensor
- **Wireless Module Connector** – Allows for optional installation of wireless communication.
- **Diagnostic Circuit Breaker** – Identifies and isolates stations with valve or wiring problems (shorts, faults, valve location) while remaining program continues.
- **Advanced Diagnostic** – Visual and/or audible alerts when programming errors or other conditions have been detected and are preventing operation.
- **Station Delay/Overlap Programming** – Permits additional time between stations or dual operation for issues like well recovery, slow closing valves and water hammer.
- **Wireless Plug and Play RF Range of Add-in Accessories** – Hand held remote, wifi, wireless rain sensor, flow sensor.
- **Hot-Swappable 4 Station Modules** – Simple controller upgrades from 4 to 16 stations while controller is in operation.
- **Large Backlit LCD Screen** – Best in class visualization for all installations.
- **AM/PM or 24 Hour Clock Settings** – Allows user to choose the time format desired.
- **Flexible Operation** – Manual or remote operation.
- **System Test** – Allows a full system check for valve operation.
- **Manual Start** – Allows manual program operation at the push of a button.
- **Wire Management System** – Vertical station terminal strips allows full use of cabinet.
- **Permanent Memory** – Non-volatile memory saves program during power outages.
- **Locate Feature** – Aids in locating buried valves in field.
- **Sensor Bypass Switch** – Global override of active sensor for all stations.
- **Master Valve/Pump Start Ready** – Programming for individual station(s) operation as needed.
- **Valve Test Terminal (VT)** – Quick and easy matching of field wires with station during installation.
- **Dedicated Sensor Terminals** – Enables direct sensor installation for maximum watering control.
- **Default Programming** – Allows program to be saved and recalled without having to reprogram.
- **Permanent Day Off** – Set any day of the week, regardless of programming, as a non-watering day.
- **Seasonal Adjust** – Quick, easy global adjustment of watering times from 10-200% conserves water.





# PRO EX 2.0

## MODULAR IRRIGATION CONTROLLER

Application: Residential / Commercial

User-friendly programming and responsive touch pad takes PRO EX 2.0 to a whole new level for irrigation controllers.

Programming is simple with the largest backlit display on the market. Flexibility with easy expansion from 4 to 16 stations. Optional remote capability delivers the irrigation control right to your hand.



Now WiFi enabled – simply add WiFi Hub and RF Module.

## Models

- 3202** PRO EX 2.0 base unit with 4 station expansion module, 115 VAC internal transformer
- 3202ID** PRO EX 2.0 indoor base unit, 4 station expansion module, 110V AC plug pack transformer
- 3202-P** PRO EX 2.0, modular controller, with pigtail, 115 VAC internal transformer
- 3202-220** PRO EX 2.0, modular controller, 220 VAC internal transformer
- 3202ID-220** PRO EX 2.0 indoor base unit, 4 station expansion module, 220V AC plug pack transformer
- 3203** PRO EX 2.0 handheld remote w/batteries
- 3203-KIT** Handheld remote w/batteries, RF module with short distance antenna, long range antenna, coaxial cable
- 3205** PRO EX 2.0, 4 station expansion module
- 3206** RF module w/short distance antenna
- 3207** Extended range antenna kit
- 3209** WiFi Hub for PRO EX 2.0 Controller

## FLOW SENSOR ASSEMBLIES

- FS735-10** 1" Complete Assembly
- FS228-15** 1-1/2" Complete Assembly
- FS228-20** 2" Complete Assembly
- FS228-30** 3" Complete Assembly
- FS228-40** 4" Complete Assembly

## Specifications

### OPERATING SPECIFICATIONS

- Station Run Times: 1 second to 6 hours for all stations
- Number of Programs: 3
- Number of Automatic Start Times: 4 per program
- Program Watering Schedules:  
Custom (day of the week), Interval (1-31 days),  
Odd (odd calendar days), Even (even calendar days)

### ELECTRICAL SPECIFICATIONS

- Power Input: 110V AC ± 10% 60Hz, 240V AC ± 10% 50Hz
- Power Output: 24V AC 1.25Amp
- Power Backup: Lithium coin-cell battery maintains time and date during primary power outages while the 4 AAA batteries allow for remote programming and LCD viewing.
- Multi-Valve Operation: Up to 3 24V AC, 7VA solenoid valves.

### DIMENSIONS

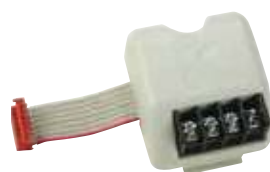
- Height: 7 3/4" (19,6 cm)
- Width: 10" (25,4 cm)
- Depth: 5" (12,7 cm)

## PRO EX 2.0 Features and Benefits

- **Patented Full Program Display** – One screen shows watering days, number of start times, number of stations and special programming.
- **Flow Sensor Ready** – Connects directly. Has high/low flow abort settings and provides flow data capture.
- **RF Module Connector** – Allows for optional installation of wireless accessories: Handheld remote, wireless rain sensor or rain/freeze sensor and flow sensor
- **Diagnostic Circuit Breaker** – Identifies and isolates stations with valve or wiring problems (shorts, faults, valve location) while remaining program continues.
- **Advanced Diagnostic** – Visual and/or audible alerts when programming errors or other conditions have been detected and are preventing operation.
- **Station Delay/Overlap Programming** – Permits additional time between stations or dual operation for issues like well recovery, slow closing valves and water hammer.
- **Hot-Swappable 4 Station Modules** – Simple controller upgrades from 4 to 16 stations while controller is in operation.
- **Large Backlit LCD Screen** – Best in class visualization for all installations.
- **AM/PM or 24 Hour Clock Settings** – Allows user to choose the time format desired.
- **Flexible Operation** – Manual or remote operation.
- **System Test** – Allows a full system check for valve operation.
- **Wire Management System** – Vertical station terminal strips allows full use of cabinet.
- **Permanent Memory** – Non-volatile memory saves program during power outages.
- **Locate Feature** – Aids in locating buried valves in field.
- **Sensor Bypass Switch** – Global override of active sensor for all stations.
- **Master Valve/Pump Start Ready** – Programming for individual station(s) operation as needed.
- **Valve Test Terminal (VT)** – Quick and easy matching of field wires with station during installation.
- **Dedicated Sensor Terminals** – Enables direct sensor installation for maximum watering control.
- **Default Programming** – Allows program to be saved and recalled without having to reprogram.
- **Permanent Day Off** – Set any day of the week, regardless of programming, as a non-watering day.
- **Seasonal Adjust** – Quick, easy global adjustment of watering times from 10-200% conserves water.

## Accessories

Compatible with standard Pro EX 2.0 and Pro EX 2.0 WiFi models



HANDHELD REMOTE CONTROL





# BL-24

## BLUETOOTH SMART IRRIGATION CONTROLLER

Application: Residential / Commercial

The K-Rain® BL-24 bluetooth operated controller now has an updated application uniting users with new time-saving and productivity-enhancing benefits.



### Features and Benefits

- Change controller settings via smartphone, tablet or web browser from up to 35' (10 m) away.
- Manage up to 400 controllers from one app. – one easy app does it all.
- Geo-location feature – shows every site, every controller, every program.
- Updates you and your field team any time a setting is changed.
- Full virtual back up to the cloud for easy future restoration
- 4, 6, 9 and 12 station models.
- LED indicator for monitoring operation.
- Indoor wall mounting with plug pack transformer.
- Master valve connection.
- 8 independent programs with 8 start times.
- Rain sensor and rain/freeze sensor ready – Allows automated operation to be controlled by sensor



### Specifications

#### OPERATING SPECIFICATIONS

- AC Power
- Input: 110V 60 Hz
- Output: 24V 60 Hz
- Maximum load 0.75 AMPS on the output (18 VA)
- Ability to power a 24V Solenoid coil plus master valve (or pump start relay)
- Surge protection to 4kV on all inputs/outputs



#### 4, 6 STATION MODELS:

- Height: 5 3/4" (14,5 cm)
- Width: 4 1/4" (11 cm)
- Depth: 1 1/2" (3,6 cm)

#### 9, 12 STATION MODELS:

- Height: 5 3/4" (14,5 cm)
- Width: 6 1/4" (16 cm)
- Depth: 1 1/2" (3,6 cm)

### Models

- BL-24-4 4 Station Bluetooth Controller
- BL-24-6 6 Station Bluetooth Controller
- BL-24-9 9 Station Bluetooth Controller
- BL-24-12 12 Station Bluetooth Controller

Scan QR Code to download the FREE K-Rain® BL-KR App.



GOOGLE PLAY  
Android App



iTunes Apple  
Device App



# BL-KR

## BATTERY POWERED CONTROLLER

**Application: Residential / Commercial**

### Programming control in the palm of your hand.

With 100% waterproof and rugged construction, the BL-KR is ideal for isolated sites and power-restricted areas. No more crawling around the valve box to program or troubleshoot a battery-powered timer. Programming is easy with a smartphone or tablet through direct Bluetooth communication up to 35' (10 m) away from the valve box. Add multiple controllers (up to 400 timers) and program simply and quickly from 1 free application.



## Specifications

### OPERATING SPECIFICATIONS

- 1, 2, 4, 6 stations
- Master valve connection (Except for BL-KR1 single station)
- 3 programs, 8 start times
- Bluetooth range; 35' (10m)

### ELECTRICAL SPECIFICATIONS

- Works with 9V DC latching solenoids and a master valve equipped with a 9V DC latching solenoid
- Maximum distance between the timer and solenoid is 98' (30 m) with 18 AWG (.05" or 1,55 mm<sup>2</sup>)

### DIMENSIONS

- Height: 2 1/8" (5,5 cm)
- Width: 5 1/2" (14 cm)
- Depth: 3 1/2" (9 cm)

## Models

<b>BL-KR1</b>	1 Station
<b>BL-KR2</b>	2 Station
<b>BL-KR4</b>	4 Station
<b>BL-KR6</b>	6 Station

## Features and Benefits

### BL-KR BATTERY POWERED CONTROLLER TIMER

- Change controller settings via smartphone, tablet or web browser
- Manage up to 400 controllers from one easy app that does it all.
- Geo-location feature – shows every site, every controller, every program.
- Updates you and your field team any time a setting is changed.
- Alerts you when a battery replacement is required.
- Rain sensor and rain/freeze sensor ready – Allows automated operation to be controlled by sensor
- IP68 certified fully waterproof enclosure installs right in the valve box.
- 1, 2, 4 and 6 station models
- Molded out of UV resistant, high impact ABS resin.
- Ideal for isolated/remote valve boxes where running power is expensive or difficult.
- Standalone – works with a 9V DC alkaline battery type.
- Full virtual back up – back up program information and preferences to the cloud for easy future restoration

### FREE SMARTPHONE/TABLET APPLICATION



- Transforms iOS or Android smartphone or tablet into a remote control to fully program your BL-KR controller(s) using Bluetooth Smart technology.
- Manually start, stop, or suspend your controller(s) from up to 35' away.
- Fully configure watering schedules and zones.
- Detect battery levels/connection status.
- Add a passcode lock to each controller for added security.
- Add multiple BL-KR controllers (up to 400) and program/control them using 1 app on your smartphone or tablet.





# TC-KR

## BATTERY POWERED TAP CONTROLLER

Application: Residential / Commercial

Easily add irrigation or misting to small lawn or garden areas, terraces and potted plants using your hose faucet.

Simple to use Bluetooth app controls your irrigation needs through your smartphone or tablet. Nurture beautiful lawn areas and flower beds with either the misting or irrigation mode of the controller.

The K-Rain® TC-KR battery powered tap controller is also perfect for filling your pool!



## Specifications

### OPERATING SPECIFICATIONS

- Inlet: 3/4" (1,9 cm) standard hose thread
- Outlet: 3/4" (1,9 cm) standard hose thread
- Recommended pressure: 7.25 – 87 PSI (0,5 – 6 bar)
- Recommended flow: 0.5 GPH – 10 GPM (1,9 LPH – 37,9 LPM)
- 9 volt battery required

### OPERATING TEMPERATURE:

- Up to 122° F / 50° C
- Must protect against freezing temperatures

### PROGRAMMING SPECIFICATIONS

#### Irrigation Mode:

- Up to 8 start times per day
- Run times from 1 minute to 12 hours
- Cycles: Days of the week, Odd/Odd31/ Even days, every other 1 to 31 days
- Rain delays up to 15 days or permanent
- Manual Start/stop

#### Misting Mode:

- Run times from 5 seconds to 24 hours
- Intervals between run times: 30 seconds to 31 days
- Up to 8 start times per day
- Cycles: days of the week

### DIMENSIONS:

- Height: 5 3/4" (14,5 cm)
- Width: 4 1/2" (11,4 cm)
- Depth: 2 1/2" (6,1 cm)

## Features and Benefits

- Easy programming with free Bluetooth App.
- Smartphone or tablet control.
- No more climbing around hedges and landscaped areas to access the hose faucet.
- Conveniently replace pool water lost to evaporation from your smartphone or tablet.

## Models

- TC-KR** Battery Powered Tap Controller  
**TC-KR-BSP** Battery Powered Tap Controller w/BSP Thread

Scan QR Code to download the FREE K-Rain® BL App.



GOOGLE PLAY  
Android App

iTunes Apple  
Device App



# PRO-LC

## IRRIGATION CONTROLLER

Application: Residential / Commercial



The PRO-LC offers a new perspective on affordable, conventional controllers with many of the features of the reliable and robust PRO EX 2.0 controller (see page 45).

Available in fixed 4, 8 or 12 stations and as indoor or outdoor models, these compact controllers offer an array of user-friendly features.

### Features and Benefits

- Easy to follow programming
- Large LCD display
- Full program display feature shows watering days, number of start times, number of stations and special programming
- Rain sensor and rain/freeze sensor ready – Allows automated operation to be controlled by sensor
- Seasonal adjust
- Buried valve locator

### Models

#### OUTDOOR MODELS

<b>3104</b>	4 station, 110V AC internal transformer
<b>3104-220</b>	4 station, 220V AC internal transformer
<b>3108</b>	8 station, 110V AC internal transformer
<b>3108-220</b>	8 station, 220V AC internal transformer
<b>3112</b>	12 station, 110V AC internal transformer
<b>3112-220</b>	12 station, 220V AC internal transformer

#### INDOOR MODELS

<b>3104ID</b>	4 station, 110V AC plug pack transformer
<b>3104ID-220</b>	4 station, 220V AC plug pack transformer
<b>3108ID</b>	8 station, 110V AC plug pack transformer
<b>3108ID-220</b>	8 station, 220V AC plug pack transformer
<b>3112ID</b>	12 station, 110V AC plug pack transformer
<b>3112ID-220</b>	12 station, 220V AC plug pack transformer

### Specifications

#### OPERATING SPECIFICATIONS

- Station Run Times:  
1 minute to 6 hours for all stations
- Number of Programs: 3
- Number of Automatic Start Times:  
4 per program
- Program Watering Schedules:  
Odd (odd calendar days),  
Even (even calendar days),  
Custom (day of the week)

#### ELECTRICAL SPECIFICATIONS

- Power Input:  
110V AC  $\pm$  10% 60Hz,  
240V AC  $\pm$  10% 50Hz
- Power Output: 24V AC 1.0Amp
- Power Backup: Lithium coin-cell battery maintains time and date during primary power outages.
- Multi-Valve Operation: Up to 4  
24V AC, 7VA solenoid valves.

#### DIMENSIONS

- Height: 7" (17,8 cm)
- Width: 7" (17,8 cm)
- Depth: 3.5" (8,9 cm)





# RPS™ 46

## MINI IRRIGATION CONTROLLER

Application: Residential



The RPS™ 46 Mini Irrigation Controller, designed for residential applications, has four individual programs to allow for efficient watering on separate programs.

A key feature of this unit is the water budgeting feature which allows easy adjustment of watering schedules as the seasons change.

## Features and Benefits

- **4 & 6 Station Models** – Perfect for residential lawns.
- **4 Fully Independent Programs** – Allowing up to 4 starts per program. Maximum 16 starts per day.
- **Indoor Models with External Transformer and Plug.**
- **Seasonal Adjustment** – Allows for quick adjustment of watering durations in 25% increments, from 25% to 150%.
- **Rain sensor and rain/freeze sensor ready** – Allows automated operation to be controlled by sensor
- **Flexible Manual Operation** – Run a program, run a station or test system.
- **Battery Back-Up** – Saves program during power outages.

## Models

<b>3504</b>	4 Station, 110V Plug Pack Transformer
<b>3504-220</b>	4 Station, 220V Plug Pack Transformer
<b>3506</b>	6 Station, 110V Plug Pack Transformer
<b>3506-220</b>	6 Station, 220V Plug Pack Transformer

## How to Specify

Model Number: **3506**

Description: **-220**

## Specifications

### OPERATING SPECIFICATIONS

- Station Run Times: 1 min. to 12 hrs. 59 min.
- Number of Programs: 4
- Number of Automatic Start Times: 4 per program
- Program Watering Schedules: 7 day calendar with individual day selection, or 1 to 15 day interval, or 365 day calendar for ODD/EVEN day watering.
- Master Valve/pump start terminal.
- Automatic, semi-automatic and single station manual operation.

### ELECTRICAL SPECIFICATIONS

- Power Input: 110V AC ± 10% 60Hz, 240V AC ± 10% 50Hz
- Power Output: 24V AC, 0.85 AMP
- To Solenoid Valve: 24V AC, 0.5 AMPS max.
- Total output load must not be exceeded by the valves and pump start requirements.
- Overload protection: Standard 20mm 1.0 AMP fuse
- Power Failure: 9 Volt standard alkaline battery maintains clock and program up to 2 weeks.
- Wiring: The output circuits should be installed and protected in accordance with wiring rules.

### DIMENSIONS

- Height: 5 3/4" (14,5 cm)
- Width: 4 1/2" (11,43 cm)
- Depth: 1 3/4" (4,3 cm)

# RPS™ 624

## OUTDOOR IRRIGATION CONTROLLER

Application: Residential / Commercial



### Features and Benefits

- **12, 18 and 24 Station Models Available.**
- **6 Fully Independent Programs** – Up to 4 separate start times per program. Max. 24 starts per day.
- **Permanent Memory** – Saves programs during power outages.
- **7 Day Watering Cycle** – Individual day selection, odd/even date selection or interval watering.
- **Rain sensor and rain/freeze sensor ready** – Allows automated operation to be controlled by sensor
- **Rain Off** – Suspends watering during winter while retaining the time and programmed information.
- **Flexible Manual Operation** – Choose from automatic, semi-automatic and single station manual.
- **System Test Feature.**
- **Water Conservative** – Quick adjustment of watering durations in 10% increments, OFF to 200%.
- **Master Valve/Pump Start.**
- **Second Programmable Pump** – Available for dual water supply, fertigation or filtration control.
- **Large Blue and White Backlit LCD** – Easy to read, with "No AC" indicator on LCD when power is out.
- **Current sensing** – On individual stations and faulty station skip feature.
- **Low Energy Micro-processor** – Ensures long battery life.
- **Outdoor Case** – Lockable and waterproof.
- **Audio Feedback** – On key press and alarm.

### A truly versatile controller.

RPS™ 624 offers the latest in micro-processor technology and exclusive low energy, high-output toroidal transformer.

Advanced features include current sensing and station skip with fault indication, and a real time clock maintains time in power outages.

### Specifications

#### OPERATING SPECIFICATIONS

- **Station Run Times:** 1 min. to 12 hours 59 min.
- **Number of Programs:** 6
- **Number of Automatic Start Times:** 4 per program

#### ELECTRICAL SPECIFICATIONS

- **Electrical Power Supply:** 110V AC/220V AC delivering a 24 V AC through a 30 VA (1.25 AMP) rated Toroidal transformer
- **Electrical Outputs:** 24V AC, .75 AMP  
24V AC, .25 AMP

#### DIMENSIONS

- **Height:** 9" (22,86 cm)
- **Width:** 9 1/4" (23,5 cm)
- **Depth:** 3 1/2" (8,9 cm)

### Models

- |                 |                                      |
|-----------------|--------------------------------------|
| <b>3912</b>     | 12 station 110V internal transformer |
| <b>3912-220</b> | 12 station 220V internal transformer |
| <b>3918</b>     | 18 station 110V internal transformer |
| <b>3918-220</b> | 18 station 220V internal transformer |
| <b>3924</b>     | 24 station 110V internal transformer |
| <b>3924-220</b> | 24 station 220V internal transformer |

