

# Irritrol®



KD2™ SERIES offers a unique combination of sophisticated features and familiar operation, making it the ideal residential controller from Irritrol®. Its automatic, semi-automatic and manual operations, a wide range of watering intervals, and the ability to make percentage changes to watering duration for seasonal adjustments provides excellent scheduling flexibility. Electrical surge protection, self-diagnostic function, an electronic circuit breaker, and a five-year warranty provide peace of mind for years to come. In addition, non-volatile memory maintains program information and built-in memory maintains date and time when AC power is lost. KD2 SERIES is compatible with the CLIMATE LOGIC® Weather Sensing System which adjusts run time based on on-site weather information and SMRTSCAPE™ mobile app for app-based programming and remote system control.

#### COMPATIBLE WITH



CLIMATE LOGIC®



CLOUD



SMRT LOGIC™



RAINSENSOR™



REMOTE



## KD2™ SERIES CONTROLLER

### THREE INDEPENDENT PROGRAMS

Allows differing watering days, start times, station run times and station assignments

### MULTIPLE WATERING DAY OPTIONS

Provides flexibility to meet water restrictions and diverse plant requirements:

- Days-of-the-week, odd/even date watering with 31st day skip and exclusive day-interval, repeating day-interval

### SMRT LOGIC® READY

Provides remote programming and control from any internet connected device



### CLIMATE LOGIC® COMPATIBLE

Automatic/weather-based adjustment from your wireless weather sensor (on site)

### COMPATIBLE WITH CRR SERIES HAND-HELD REMOTE SYSTEM

Provides convenient remote station start/pause/resume/off capability (R-100-KIT) for supplemental watering or inspection

### SELF-DIAGNOSTIC, ELECTRONIC CIRCUIT BREAKER

Identifies and overrides an electrical "short" in a valve or in valve wiring and continues to water operable stations

### FULL FAMILY OF INDOOR AND OUTDOOR MODELS

Ensures a product to match any landscape

### DEDICATED RAIN SENSOR PORT

For use with Irritrol wired or wireless RainSensor™ or compatible models

### PROGRAM STACKING FEATURE

Prevents program overlap

### ELECTRICAL SURGE PROTECTION (ON BOTH INPUT AND OUTPUT LINES)

Resists damage from lightning storms and power surges

### RUGGED INDOOR AND OUTDOOR CABINET WITH A DOOR

Provides a clean look and security when needed (Outdoor models equipped with a lock)

### ARMCHAIR PROGRAMMING

Preprogram the controller prior to installation (9 volt battery required)



4, 6, AND 9 STATION  
OUTDOOR AND INDOOR

IRRITROL.COM

## ADDED FEATURES

- Automatic, semi-automatic (manual program) and manual station(s) operation
- Programmable "Rain Off" up to seven days
- Dial and five push buttons for ease of programming
- Large LCD displays status of programs scheduled to run each day
- Multiple languages capabilities (English, French and Spanish)
- Nonvolatile memory maintains programming information in the absence of AC power
- "All Stations" test program
- Water budgeting feature for each program (0-200% in 10% increments)
- Locking weather-resistant plastic case
- Internal mounted transformer on Indoor/Outdoor models (Indoor models include a pigtail)
- Five year warranty

## OPERATING SPECIFICATIONS

- Station run times: 1-240 minutes (4 hours) in 1-minute increments
- Start times: 3 per program for up to 9 daily starts

## ELECTRICAL SPECIFICATIONS

- Transformer input: 120 V ac, 60HZ (220/240 V ac, 50 Hz)
- Transformer output: 24 V ac, 1.250 amps
- Maximum output per station: 24 V ac, .4 amp
- Maximum total output: 24 V ac, .8 amp (including master valve)
- Capacity: One station valve plus a master valve (or 24 V ac pump start relay) on at a time
- UL and CUL listed

## MODELS

Model	Description
KD400-EXT	4 -Station Outdoor
KD600-EXT	6 -Station Outdoor
KD900-EXT	9 -Station Outdoor
KD400-INT	4 -Station Indoor
KD600-INT	6 -Station Indoor
KD900-INT	9 -Station Indoor

## DIMENSIONS

- Outdoor/Indoor: H: 8", W: 6", D: 4.5"

## OPTIONAL ACCESSORIES

- RS1000 wireless RainSensor™
- RFS1000 wireless rain/freeze sensor
- RS500 wired RainSensor™
- CRR remote series (R-100-KIT)
- SR-1 pump start relay
- CL-100-WIRELESS
- CL-MR Climate Logic Mini Receiver
- SMRT-CLMR-KIT

## SPECIFYING INFORMATION

MODEL	NUMBER OF STATIONS	CONFIGURATION
<b>KD</b> - KD2 SERIES	400 - 4 Station 600 - 6 Station 900 - 9 Station	EXT - Outdoor INT - Indoor

Example: An KD SERIES 9 station, outdoor model = **KD900-EXT**



## OPTIONAL ACCESSORIES

- (A) SMRT Logic® + CLMR
- (B) RS1000 wireless RainSensor™
- (C) RFS1000 wireless rain/freeze sensor
- (D) RS500 wired RainSensor™
- (E) CRR remote series (R-100-KIT)
- (F) CL-100-Wireless Weather Sensing System
- (G) SR-1 pump start relay

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