

HYBRID

RAIN DIAL® PLUS SERIES

CONTROLLERS



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Taking the popular Rain Dial family of controllers to the next plateau, Irritrol Systems' Rain Dial Plus offers a host of enhanced performance features. Electrical surge protection resists damage from both lightning and power surges. Non-volatile memory holds programs during power failures. Odd/even day watering options offer exceptional scheduling flexibility. Water budgeting increases or decreases valve run times from 0 percent to 200 percent. A unique modular design permits fast and easy servicing. And, a snap-out control panel facilitates remote programming.

For added convenience, Rain Dial Plus also offers KwikStart™, a remote control system designed to work exclusively with this series.

Rain Dial Plus — the controller of choice for residential applications.

**Irritrol**  
SYSTEMS

**RAIN DIAL® PLUS SERIES**

**C O N T R O L L E R S**

**6, 9 and 12**  
station models (outdoor/indoor)

**Features**

- Three independent programs offer concurrent operation capability
- 365-day calendar with automatic weekday calculation for odd/even day watering options and auto leap year adjustment
- Easy-to-read programming dial and large, self-prompting LCD
- Short-station detection and display
- Multiple language capabilities (English, French, German, Italian and Spanish)
- Easy-to-understand icons
- Automatic, semi-automatic and timed-manual operation
- Modular design allows easy removal of control module without disturbing valve wiring
- “Anywhere programming” feature provides convenient remote programming while under battery power
- Self-diagnostic electronic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory holds program during power failure

- Battery backup keeps current time and date during power failure (battery included)
- Electrical surge protection (on both input and output lines) resists damage from lightning storms and power surges
- Start-time stacking when more than three valves are on
- Water budgeting option for each program (0-200%)
- Program erase for each program
- Master valve/pump start circuit
- Weather-resistant plastic, locking cabinet with an internal transformer (outdoor models)
- Durable, plastic cabinet with an external transformer (indoor models)
- Wall mount
- UL, CUL and CE listed

**Operating Specifications**

- Station run times: 1-59 minutes in 1-minute increments or 1-5.9 hours in .1-hour (6 min.) increments
- Start times: 3 per program for up to 9 daily starts
- Watering schedule: 365-day calendar with automatic weekday calculation for odd/even day watering options

**Electrical Specifications**

- Transformer input: 120 VAC, 60Hz
- Transformer output: 24 VAC, 1.25 amps
- Maximum output per station: 24 VAC, .5 amp
- Maximum total output: 24 VAC, 1.0 amp (including pump relay/master valve)
- Battery backup: 9-volt alkaline battery (included)

**Dimensions**

Outdoor	Indoor
Height: 7 ¾"	Height: 7 ¾"
Width: 10 ¾"	Width: 7"
Depth: 4"	Depth: 3 ¾"

*KwikStart™ Remote Control Option for the new Rain Dial Plus\**

- Attaches to Rain Dial Plus controllers to provide convenient remote-controlled operation
- Rain Dial Plus automatic and manual operations remain functional during use of remote control
- Transmitter is preset to operate up to 12 controller stations, but is adjustable from one to 64 stations

- Transmitter power source: 9-volt alkaline battery (supplied)
- Receiver power source: 5 VDC @ 10 mA (supplied from controller)
- Preset station run time: 10 minutes
- Transmitter operating range/line of sight: approximately 160'-300'
- Operating temperature: +14°F to +140°F
- Storage temperature: -22°F to +149°F

**Optional Accessories**

- KwikStart™ remote control system kit (KSR-KIT) includes:
  - KS-Remote transmitter (KSR-T)
  - KS-Remote receiver (KSR-R)
  - KS-Remote 4' cable harness (KSR-03)
- KwikStart™ remote adapter kit (KSR-ADP)\*\*

\* The KwikStart™ remote system is compatible with Rain Dial Plus controllers with manufacturing date codes on or after Oct. 4, 2000 (100400).

\*\* KSR-ADP sold separately.



HYBRID—Residential

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### MODELS HOW TO SPECIFY

Model	Number of Stations	Outdoor/Indoor Mount Option
RD-6PLUS-EXT		
RD6PLUS-EXT	6	outdoor
RD9PLUS-EXT	9	outdoor
RD12PLUS-EXT	12	outdoor
RD-6PLUS-INT		
RD6PLUS-INT	6	indoor
RD9PLUS-INT	9	indoor
RD12PLUS-INT	12	indoor

**Irritrol**  
SYSTEMS

BEYOND THE EXPECTED

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