

SMART DIAL™ SERIES

**E.T.-
BASED****12 STATION
OUTDOOR/INDOOR**

THIS THING IS WICKED SMART.

The Smart Dial controller saves water and reduces irrigation runoff by automatically reprogramming itself based on local Evapotranspiration (ET). Using the ET Everywhere™ Data Service, the Smart Dial controller receives a paging signal with the local ET value from an orbiting satellite each evening. The controller then adjusts its irrigation programming to replace the amount of water lost through the previous day's ET. The Smart Dial adjusts each zone to apply only the water needed, regardless of whether spray heads, rotors, stream rotors or drip components are used in the zone. The power of ET Everywhere, combined with the WeatherTRAK® scheduling engine, puts the Smart Dial controller on the cutting edge of environmental sensitivity and water savings. Irritrol. **Get more done.**

KEY FEATURES & BENEFITS

WEATHERTRAK-ENABLED INTERFACE

Allows each zone to be programmed based on site-specific information (plant material, type of irrigation head installed, sun exposure, topography and soil type)

WEATHERTRAK SCHEDULING ENGINE

Saves water by reprogramming itself based on local weather "real-time" data downloaded daily via satellite to reduce over watering and runoff on residential and commercial landscape sites

SNAP-IN, SMART DIAL FRONT PANEL MODULES (AVAILABLE SEPARATELY) FOR 6, 9 OR 12 STATION MODELS

Allow fast and easy on-site conversion of existing Rain Dial and Rain Dial Plus timers to WeatherTRAK-enabled controllers

LOOP-UP TABLES IN SOFTWARE

Initiates irrigation even if daily ET page is not received by using last download and loop-up tables in software

ADDED FEATURES

- Non-volatile program memory
- Programmable to a particular watering window of time
- Copy button for simplified programming
- Communication and programming conflict alerts
- Sensor hookup with bypass switch compatible with the RainSensor™ Series
- Programmable master valve/pump start circuit by station
- Manual program and manual station operation
- Program review
- Simple diagnostics and help button
- Agency compliant, FCC approved and CIT certified
- Five-year warranty

OPERATING SPECIFICATIONS

- Number of programs: 2
- Station run times: 1 min. to 99 minutes
- Start times: variable, depending upon E.T. (1 start/day)
- Watering schedule: 7-day weekly calendar by month, odd/even date, 1-7 day interval (skip day)
- E.T.% Adjustable: -50% through +25% of programmed time in 5% increments (with auto split of long run times)

ELECTRICAL SPECIFICATIONS

- Transformer input: 120 V ac, 60 Hz
- Transformer output: 24 V ac, 60 Hz
- Maximum output per station: 24 V ac, .5 amp
- Maximum output to valves: 24 V ac, 1.0 amp, 1.25 amps in 24 station model (including pump/MV)
- UL and CUL listed
- Valve test detects "Open" and "Short"

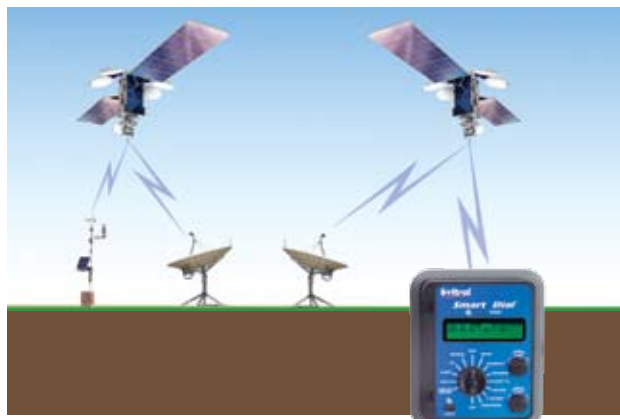
DIMENSIONS

- Outdoor: H: 7 3/4", W: 10 3/4", D: 4"
- Indoor: H: 7 3/4", W: 7", D: 3 3/4"
- 24 Station: H: 8 1/2", W: 10 1/2", D: 5"

OPTIONAL ACCESSORIES

- RS1000 wireless rain sensor
- RFS1000 wireless rain/freeze sensor
- RS500 wired rain sensor
- SR-1 pump start relay
- SD-ANT external antenna kit

HOW ET EVERYWHERE™ WORKS



The ET Everywhere data service utilizes daily data from over 20,000 weather stations across the country, processes the information and then sends that information to the controller. Smart Dial's scheduling engine then uses that information to automatically reprogram the controller based on each zone's site-specific information.

EASILY CONVERT EXISTING RAIN DIALS TO SMART TECHNOLOGY WITH SMART DIAL MODULES

With available Smart Dial modules, retrofitting a Rain Dial or Rain Dial Plus controller to Smart Dial technology is as easy as...



- 1
Unplug the ribbon cable and simply snap out Rain Dial module
No rewiring necessary!



- 2
Then, snap in Smart Dial module and connect cable in existing Rain Dial box



- 3
Call toll free to activate service.
Upgrade complete!

SPECIFYING INFORMATION

SD-XXX-XXX		
MODEL	NUMBER OF STATIONS	CONFIGURATION
SD - SMART DIAL	600 - 6 Station	EXT - Outdoor
	900 - 9 Station	INT - Indoor
	1200 - 12 Station	MOD - Module
	2400 - 24 Station	
Example: A Smart Dial 6 station, outdoor model = SD600-EXT		