

# LEIT Controllers and Accessories

## LEIT 4000 Four, Six and Eight Station Standard Series

The LEIT® 4000 is an advanced "ambient light powered" water-management irrigation controller. It is easy to use with a fast menu base and straightforward programming. Features include independent programs for each valve, monthly budgeting, rain delays and status reports for past and current months. The time-tested photovoltaic module harnesses the energy of ambient light to power the controller in any kind of weather, anywhere in the world.

### Features:

- Operates 4, 6 or 8 stations and a master valve or pump start without AC power hookup, batteries or conventional solar panels (master valve or pump start replaces station 8 when required)
- Non-volatile memory holds programs indefinitely without batteries
- Liquid crystal display is easy to read under almost any daylight conditions
- Programming is easy using a self-guiding menu and four durable sealed buttons
- Bilingual software in English or Spanish
- Functions day or night in any weather and most outdoor locations
  - All power is provided by an internal, ultrahigh efficiency photovoltaic module and microelectronic energy management system fueled by ambient light
  - No direct sunlight required
- Built to the highest quality control standard (ISO 9002)
  - Controller functions and operations are 100% tested
  - Controller waterproofing is 100% tested
- Lightning protection; the controller is fully isolated from electrical ground, offering virtual immunity to ground currents from overhead power-lines and/or close proximity lightning strikes
- Simple to install, easy-access wire connector accommodates standard irrigation wire up to 12 gauge
- Environmentally friendly, uses clean power
- Manual watering by station or program
- Assign rain, moisture or freeze sensors to an individual valve or to the entire system using SKIT 8821-4 connector

### Programming Features:

- Watering durations from 1 minute to 5 hours and 59 minutes
- 4 programs with 3-start times per program allow for mixed irrigation applications
- Custom programming with 7-day calendar or interval of 1-39 days in odd/even or every day rotation
- Operates drip or sprinkler systems
- Status report for each valve verifies operating time for past and current month
- Rain delay up to 99 days with auto-restart
- Individual monthly water budgeting from 10-200% in 10% increments

### Electrical Specifications:

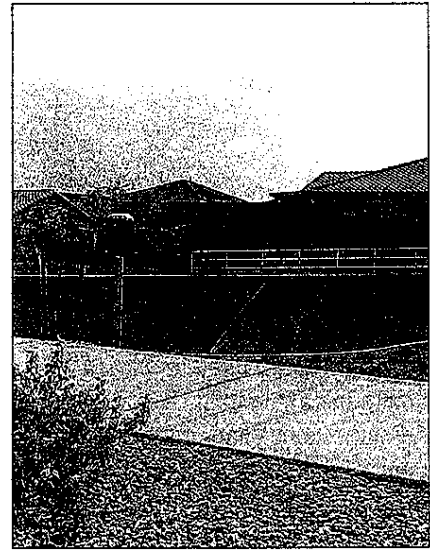
- Controller Input: 0-100,000+ Lux; Normal operation requires average of 10,000 lux
- Controller Output: 5-volt pulse
- Reote Handset Input: 12-volts using 3.6-volt Nim/MH

### Mechanical Specifications:

- Unit mounts securely to a rugged galvanized steel mounting column using stainless steel lock bolts
- Vandal resistant, waterproof enclosure fashioned from super tough material endures extreme hot, cold, wet or dry weather
- Super-tough LEXAN® lens protects the photovoltaic module from moisture, dust, chemicals and impact damage
- Weight: 2.6 lbs (1.2 kg)
- Operational Temperature: 14-140°F (-10-60°C)
- Temperature Range: -40-200°F (-38-93°C)

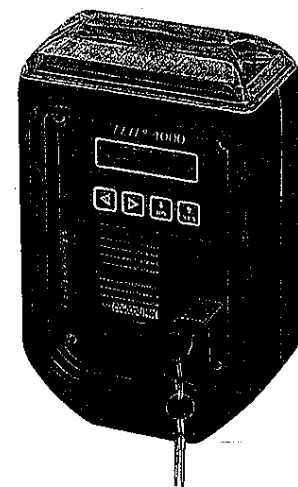
### Dimensions:

- 9.4" H x 5.7" W x 3.2" D  
(23.9 cm H x 14.5 cm W x 8 cm D)



### Security:

- Programming password eliminates potential user error
- Password can be changed at any time during program setup activation
- Standard stainless steel lock secures weather resistant exterior panel



### ORDERING INFORMATION

Model	Description
4004	4 stations plus MV/P
4006	6 stations plus MV/P
4008	8 stations includes MV/P