

LEIT Controllers and Accessories

LEIT X Ten through Twenty-Eight Stations

LEIT is an ambient light powered water-management irrigation controller. The LEIT X has a new improved menu base that allows for a wide range of irrigation programs, such as valve grouping, independent programs and more. The photovoltaic module harnesses the energy of ambient light to power the day and night units anytime, anyplace. Designed for sprinkler or drip systems, the LEIT X is a commercial water management controller for any type of environment and for a wide range of applications.

Features:

- Operates 10, 12, 16, 20, 24 and 28 stations plus a master valve or pump start without AC power hookup, batteries or conventional solar panels
 - Terminal strip can handle 28 hot wire stations, 2 MV/P wires and 2 common wires
- 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 and Spanish
- Functions day or night in most weather conditions and 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 is required
- Built to the highest quality control standards (ISO 9002)
 - Controller functions and operations are 100% tested
 - Waterproofing 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 guage
- Environmentally friendly – uses clean power
- Manual watering or semi-automatic cycle by station with quick override
- Assign rain, moisture or freeze sensors to an individual valve or to the entire system using the SKIT 8821-4 adapter
- Can replace any LEIT 8000 or Solatrol controller with 1500S or 1500E actuator
- Compatible with most brands, styles and sizes of valves (refer to LEMA 1500S series actuator specification sheet)

Programming Features:

- Watering durations from 1 minute to 5 hours and 59 minutes available
- 4 programs with 3 start-times per program allowing 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 actual watering time for the last and current months
- Rain delay up to 99 days with auto-restart
- Individual monthly water budgeting from 10-200% in 10% increments
- Station custom grouping allows the controller to operate more than one group and any number of stations per group together (if hydraulic limitations are not exceeded)

Security:

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



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: 4.9 lbs (2.2 kg)
- Operational Temperature: 14-140°F (-10-60°C)

Dimensions:

- 12" H x 7.5" W x 4.5" D (30.4 cm H x 19 cm W x 11.4 cm D)



ORDERING INFORMATION

Model	Description
X10	10 stations plus MV/P
X12	12 stations plus MV/P
X16	16 stations plus MV/P
X20	20 stations plus MV/P
X24	24 stations plus MV/P
X28	28 stations plus MV/P