

# LEIT<sup>®</sup> X & XRC Controller

Ambient-Light Powered Irrigation Controller



## Advanced, time-tested water-management

The LEIT<sup>®</sup> X and XRC are advanced, time-tested water-management irrigation controllers powered by surrounding ambient light (solar), delivering a cost-effective alternative to conventional AC-powered control systems. They are designed for installation in commercial, industrial, municipal, and environmental site preservation applications without needing to connect to the power grid.

## Features

- Requires no direct sunlight; uses ambient light (solar) to generate electricity that is stored in super capacitors to power and operate the controller day and night in any weather
- Multilingual software available in English/Spanish, English/Italian and English/French
- LEIT XRC offers remote capability with the LEIT Link™ handset
- Features include four independent programs with three start times, manual run by a program or valve, monthly budgeting, rain delay, status reports (for past and current months) and it is password protected
- Environmentally friendly, certified lead free and can help achieve LEED certification



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# LEIT® X & XRC Controller

Ambient-Light Powered Irrigation Controller



**Designed & Manufactured in the USA, and Assembled in Mexico**

All LEIT controllers are 100% tested for quality assurance in our testing facility in Vista, CA.



**Uses clean, sustainable solar power**

Surrounding ambient light is used to generate electricity providing power for the controller to operate even without direct sunlight.



**No batteries to charge or throw away**

Our patented technology stores power in lead-free super capacitors, eliminating the need for AC power or batteries.



## Solenoid and Valve Adapters

**LEMA 1600HE™**  
Micropower solenoid



**30-920**  
BERMAD series 200, HIT series 500, DOROT series 80, GRISWOLD series 2000, DW and BUCKNER series VB valves



**30-921**  
RAIN BIRD DV, DVF, PGA, PEB (3/4" and 1" only), GB, EFB-CP, BPE, PESB (3/4" and 1" only) and ASVF valves



**30-922**  
HUNTER series ASV, HPV, ICV, PGV, SRV, IBV and ASVF valves



**30-923**  
WEATHERMATIC series 12000, 21000 valves



**30-924**  
IRRITROL series 100, 200B, 205, 217B, 700, 2400, 2500, 2600 and TORO series 220 and P220 valves



**30-925**  
SUPERIOR series 950, HUNTER HBV and TORO series 252 valves (1 1/2" and larger)



**30-926**  
RAIN BIRD series PEB and PESB (1 1/2" and 2" only) valves



## Valve and Drip Zone Assemblies

**1600HE-075**  
3/4" valve



**1600HE-100**  
1" valve



**1600HE-150**  
1 1/2" valve



**1600HE-200**  
2" valve



**P52-075**  
30 PSI, 3/4" drip zone assembly with LEMA 1600HE™ solenoid and 155-mesh poly screen filter  
Recommended flow rate range: 0.10-13 GPM (.37-49 L/H)



## Accessories



**LEIT Key**  
For programming and performing manual runs



**SKIT-8821-4**  
Switch type sensor adapter for connecting a rain, freeze, moisture or wind sensor



**RKIT-88105**  
Relay interface kit to switch AC or DC relay circuit to turn on a pump

## LEIT® X Controller

**LEIT X10**  
10 station plus MV/P

**LEIT X12**  
12 station plus MV/P

**LEIT X16**  
16 station plus MV/P

**LEIT X20**  
20 station plus MV/P

**LEIT X24**  
24 station plus MV/P

**LEIT X28**  
28 station plus MV/P



## LEIT® XRC Controller - LEIT Link™ capable

**LEIT XRC04**  
4 station plus MV/P

**LEIT XRC06**  
6 station plus MV/P

**LEIT XRC08**  
8 station plus MV/P

**LEIT XRC10**  
10 station plus MV/P

**LEIT XRC12**  
12 station plus MV/P

**LEIT XRC16**  
16 station plus MV/P

**LEIT XRC20**  
20 station plus MV/P

**LEIT XRC24**  
24 station plus MV/P

**LEIT XRC28**  
28 station plus MV/P



## LEIT Link™ Remote Handset & Accessories - compatible with LEIT XRC

**LEIT MULTI-PRO™**  
Remotely communicate with up to 99 LEIT® XRC controllers

**LEIT MASTER™**  
Remotely communicate with up to 99 groups with 99 LEIT® XRC controllers per group

**30-722**  
DC car charger for the LEIT Link handset

**30-721**  
AC wall battery charger for the LEIT Link handset



## Mounting Accessories

**MKIT X**  
Mounting kit

**ENCL-X**  
Stainless steel enclosure

**MCOLXS**  
Mounting column - 35" (89 cm)

**MCOLXL**  
Mounting column - 51" (130 cm)



## Maximum wire run

Wire gauge		Distance	
18 AWG	.82 mm <sup>2</sup>	2000'	609 m
16 AWG	1.3 mm <sup>2</sup>	3500'	1067 m
14 AWG	2 mm <sup>2</sup>	4500'	1372 m
12 AWG	3.3 mm <sup>2</sup>	7500'	2286 m