

LEIT[®] X & XRC Controller

Ambient-Light Powered Irrigation Controller



Advanced, time-tested water-management

The LEIT[®] 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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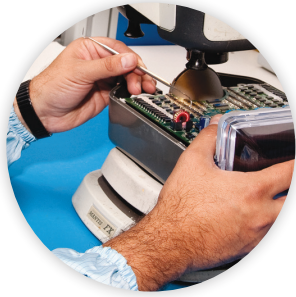
LEIT® X & XRC Controller

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 ²	2000'	609 m
16 AWG	1.3 mm ²	3500'	1067 m
14 AWG	2 mm ²	4500'	1372 m
12 AWG	3.3 mm ²	7500'	2286 m