

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 MultiPro™ 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



DIG Corporation

1210 Activity Drive
Vista, California 92081
www.digcorp.com

800.322.9146
760.727.0914
fax 760.727.0282



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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

Ambient light is harnessed to
generate electricity, powering the
controller even in the absence of
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 1700S
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

170S-075
3/4" valve



170S-100
1" valve



170S-150
1 1/2" valve



170S-200
2" valve



P52-075

30 PSI, 3/4" drip zone assembly with
LEMA 1700S 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 X20 20 station plus MV/P
LEIT X12 12 station plus MV/P	LEIT X24 24 station plus MV/P
LEIT X16 16 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 XRC16 16 station plus MV/P
LEIT XRC06 6 station plus MV/P	LEIT XRC20 20 station plus MV/P
LEIT XRC08 8 station plus MV/P	LEIT XRC24 24 station plus MV/P
LEIT XRC10 10 station plus MV/P	LEIT XRC28 28 station plus MV/P
LEIT XRC12 12 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