

# Irritrol®



New LXC Series Controllers are Irritrol's premier irrigation management solution designed to provide large-scale residential and light-commercial contractors with the flexibility of conventional or two-wire control, straight-forward operation, and contractor specific convenience features.

#### COMPATIBLE WITH



WEATHER SENSOR



SMARTSCAPE™



SMART LOGIC®



RAINSENSOR™



FLOW SENSOR



EPA WaterSense® Certified  
when used with Irritrol® Wireless Weather Sensor

## LXC SERIES

### CONTROLLER

#### CONVENIENT & EASY TO USE

Familiar dial functionality, a large color display and intuitive navigation buttons ensure a short learning curve and quick start up.

#### FLEXIBLE STATION CAPACITY

With 12 fixed stations and modular station expansion up to 52 stations, LXC is ideal for a wide variety of standard system installations or expansions.

#### 8 PROGRAMS, 8 START TIMES

Standard 8 programs, each with 8 start times, and the ability to run up to four simultaneous stations or programs.

#### TWO-WIRE COMPATIBLE

2-Wire models with 60 and 100 stations makes LXC a convenient, economical and easy to manage choice for large residential or light commercial job sites.

#### HASSLE FREE INSTALLATION

Station modules' quick connect feature and confirmation LED automatically aligns the module and confirms a secure connection.

#### FLOW SENSOR COMPATIBLE

Flow sensing capability and support for a variety of sizes and manufacturers to monitor and address unexpected events, minimizing damage, water loss and financial impact.

#### EFFICIENT WEATHER-BASED WATERING

Compatible with Irritrol Wireless Weather Sensor to automatically adjust watering schedules based on site specific weather conditions.

#### ANYTIME, ANYWHERE WATER MANAGEMENT

Save labor hours and reduce response time with SMARTSCAPE™ to quickly control and manage LXC and other Irritrol controllers from a PC or mobile device.

#### REMOTE ADVANCE ALERT CAPABILITIES

The LED alert indicator can be seen even with the cabinet door closed for visibility to potential issues before they become larger problems. When connected to SMARTSCAPE, alerts and notifications can be sent through the mobile app or email.

#### FUTURE-READY

LXC is cloud-ready so that as irrigation management evolves the controller will too.



12 TO 100 STATION  
OUTDOOR AND INDOOR

POWERED BY  
**RAIN MASTER®**

## ADDED FEATURES

- Modular expansion up to 52 stations conventionally wired and both 60 and 100 stations 2-Wire
- 8 programs, each with 8 start times
- Station runtime up to 24 hours
- Ability to operate up to 4 stations simultaneously
- Day, Odd/Even, or interval watering
- Flow monitoring with ability to learn individual station flow
- Self-diagnostics include short detection, overflow, underflow and unscheduled flow
- Manual operations with ability to pause automatic watering
- Water budget, both global and seasonal
- Cycle and Soak
- Grow In Scheduling
- Station delay
- Rain Sensor ready
- EPA Watersense® certified when used with a wireless weather station
- SMRTSCAPE™ compatible – for cloud-based remote programming
- Five-year warranty

## OPERATING SPECIFICATIONS

- Station run times: 1-24 hours in 1-minute increments
- Start times: 8 per program per day for 64 starts total
- Watering schedules per program:
  - Any day of the week
  - Skip days from 1 to 31 days between irrigation days
  - Odd or even date watering

## OPTIONAL ACCESSORIES

- A** SMRT Logic® wireless gateway
- B** LXC-SMRT-R wireless receiver
- C** CL-W1 wireless sensor
- D** RS1000 wireless RainSensor™
- E** RFS1000 wireless rain/freeze sensor
- F** RS500 wired RainSensor
- G** Irritrol Handheld Remote (CL-R1)
- H** Flow sensors
- I** 2-Wire Decoder: TW-D-1, TW-D-2, TW-D-4, TW-LA-1, TW-CAB-14

## ELECTRICAL SPECIFICATIONS

- Indoor/Outdoor models - Domestic:
  - Built-in 50VA end bell transformer
  - Transformer input: 120V AC, 50/60Hz, .7 amps
  - Transformer output: 24V AC, 50/60Hz, 1.6 amps
  - Maximum output per station: 24V AC, .5 amps (4-stations max, plus 2 pump/master)
- Power outage protection
  - Program information stored in non-volatile memory
  - Data retention with no battery
  - Date/time retention up to 2 weeks with replaceable battery
- UL and CSA listed

## MODELS

Model	Description
LXC12-I	12 station, indoor with plastic wall mount
LXC12	12 station, outdoor with plastic wall mount
LXC12-M	12 station, outdoor with painted metal wall mount
LXC12-S	12 station, outdoor with stainless wall mount
LXC60	60 station, 2-wire, with plastic wall mount
LXC60-M	60 station, 2-wire, with painted metal wall mount
LXC100	100 station, 2-wire, with plastic wall mount
LXC100-M	100 station, 2-wire, with painted metal wall mount
LXC100-S	100 station, 2-wire, with stainless wall mount
LXC8-MOD	LXC 8 St. Expansion Module
LXC-SMRT-R	Radio Communication Card

## DIMENSIONS

- **Plastic and Metal Cabinet:** H: 15.3", W: 15.5", D: 6.4"

## SPECIFYING INFORMATION

**LXCXXX - X - X**

MODEL	STATIONS CONFIGURATIONS	ENCLOSURE	CONFIGURATION
LXC	12-station convetional 60-station 2-wire 100-station 2-wire	BLANK = Plastic Wall Mount M = Painted Metal Wall Mount S = Stainless Steel Wall Mount	BLANK = Outdoor I = Indoor, Plastic WM

Example: A LXC 12-station, painted metal cabinet, outdoor model = **LXC12-M**

**LXCX - XXX - X**

MODEL	STATIONS CONFIGURATIONS	MODULE CONFIGURATION	TYPE
LXC	BLANK = no station 8 = 8 station, expansion conv.	MOD = Expanstion module SMRT = SMRT Logic accessory	R = 900 MHZ radio communication card

Example: A SMRT Logic radio communication card = **LXC12-SMRT-R**



We reserve the right to improve our products and make changes in the specifications and designs without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.

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