



## **5 AND 2 PROGRAMMING SEPARATE PROGRAMS FOR WEEKDAYS AND WEEKENDS**

- **Heating and Cooling**
- **Preprogrammed**
- **Separate Programs for Heating and Cooling**
- **System or Battery Powered (2AA Batteries included)**
- **Separate Weekday and Weekend Programming**
- **Programmable Filter Timer with Filter Change Indicator**
- **5 Minute A/C Compressor Delay**
- **Large Liquid Crystal Display**
- **Temporary Temperature Override**
- **Manual Temperature Hold**
- **Easily Reprogrammed with LUX SpeedDial®**
- **Total Isolation Between System Power and Thermostat Capable**
- **Contractor Grade**
- **Battery Free Memory Storage**
- **Default Temperature Program**
- **Armchair Programmable**
- **3-Year Warranty**
- **EL (Electro-Luminescent) Backlight**
- **F/C Selectable**
- **12/24 Hour Clock Display**
- **Set Temperature Range 45°F to 90°F (7°C to 32°C)**
- **Adjustable Temperature Differential/Cycle Rate (.25 - 2.25°F)**
- **Filter Counter Can Be In Days Left or Percent (%) Left**
- **On Screen Low Battery Indicator**
- **Soft Touch Buttons**
- **4 Periods Per Day**
- **Keyboard Lockout**
- **Optional Decorative Wall Plate Available**

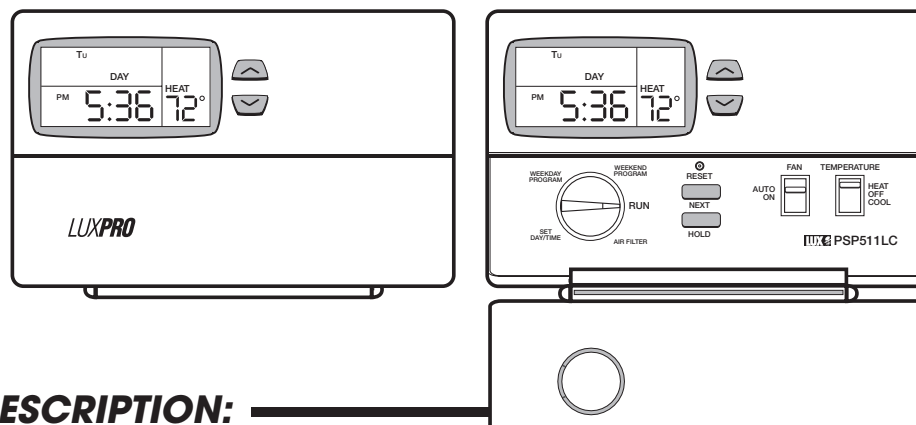
### **COMPATIBLE WITH:**

- Most 24v Gas, Oil, Electric Heating and Air Conditioning Systems
- Single Stage Heat Pumps
- 2 Wire Hydronic Systems
- 2 Wire Hydronic Air Handlers

### **NOT COMPATIBLE WITH:**

- Multi-stage Heat Pumps
- Multi-stage Gas or Oil Furnaces
- 3 Wire Hydronic Systems
- Line Voltage Systems (120/240 VAC)

# LUXPRO<sup>®</sup> PSP511LC



## GENERAL DESCRIPTION:

**4.9" (125mm) wide x 3.2" (80mm) tall x 1.3" (33mm) deep**

**Optional Wall Plate: 6.5" (165mm) wide x 4.75" (121mm) tall**

**Description:** System or Battery Powered, Low Voltage Electronic Setback Heating and Cooling Thermostat with Lighted Display, Sealed Relay Contacts, Pre-programmed with Four Adjustable Heating and Four Adjustable Cooling Programs for Weekdays, and Four Adjustable Heating Programs and Four Adjustable Cooling Programs for Weekends.

## SPECIFICATIONS:

**Electrical Ratings:** 1.5 AMPS at 24 VAC

Battery Powered: 2 "AA" Alkaline Batteries (included)

**WARNING: Use Energizer<sup>®</sup> or DURACELL<sup>®</sup> Alkaline Batteries Only.**

Energizer<sup>®</sup> is a registered trademark of Eveready Battery Company, Inc. - DURACELL<sup>®</sup> is a registered trademark of The Gillette Company, Inc.

**Temperature Differential:** Adjustable from .25°F to 2.25°F.

**Lighted Display:** Celsius and 12/24 HR. Time Capable.

**Accuracy:** ±1°F over a range of 45°F to 90°F.

**Temperature Control Range:** 45°F to 90°F (7°C to 32°C).

**Temperature Display Range:** 23°F to 99°F (-5°C to 37°C).

**Compatibilities:** 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric or Single Stage Heat Pump Systems. 2 Wire Hydronic Systems and Hydronic Air Handling Systems.

**Terminals:** RH, RC, Y, W, G, C, O, B, Solid Pin Connections Allow usage for 24V and Millivolt Systems.

**Program Settings:** 4 Preset Programs Per Day Heating and Cooling. All may be Easily Reprogrammed in 1° F/C and 15 Minute Increments.

**Technical Service Number Listed for Help in Reprogramming.**

**Circuit Protection:** Circuit Protection is Built-in, No Isolation Relays Required

**Compressor Protection:** Built-in 5 Minute Time Delay

**Environmental Limits:**

Moisture and Dust: meets IP20. Operating Humidity: 20% to 90% non-condensing.

Operating Temperature: 14°F to 122°F (-10°C to 50°C). Storage Temperature: -4°F to 140°F (-20°C to 60°C). Electrical Immunity: meets relevant EMI/EMC specifications.

**Packaging:** Packaged in box - carton quantity = 10. Carton Specifications: Carton Size 8"H x 9"W x 12" Depth. Case Weight 6.70 lbs.

**View Area:** 50mm x 19.5mm



**LUX Products Corporation** 6000 Commerce Parkway, Suite I • Mt. Laurel, NJ 08054  
(856) 234-7905 • FAX (856) 234-7825 • [www.luxproproducts.com](http://www.luxproproducts.com)

JOB NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

UNIT DESIGNATION: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

MODEL NO.: \_\_\_\_\_

SUBMITTED FOR:  APPROVAL  RECORD

LOCATION: \_\_\_\_\_