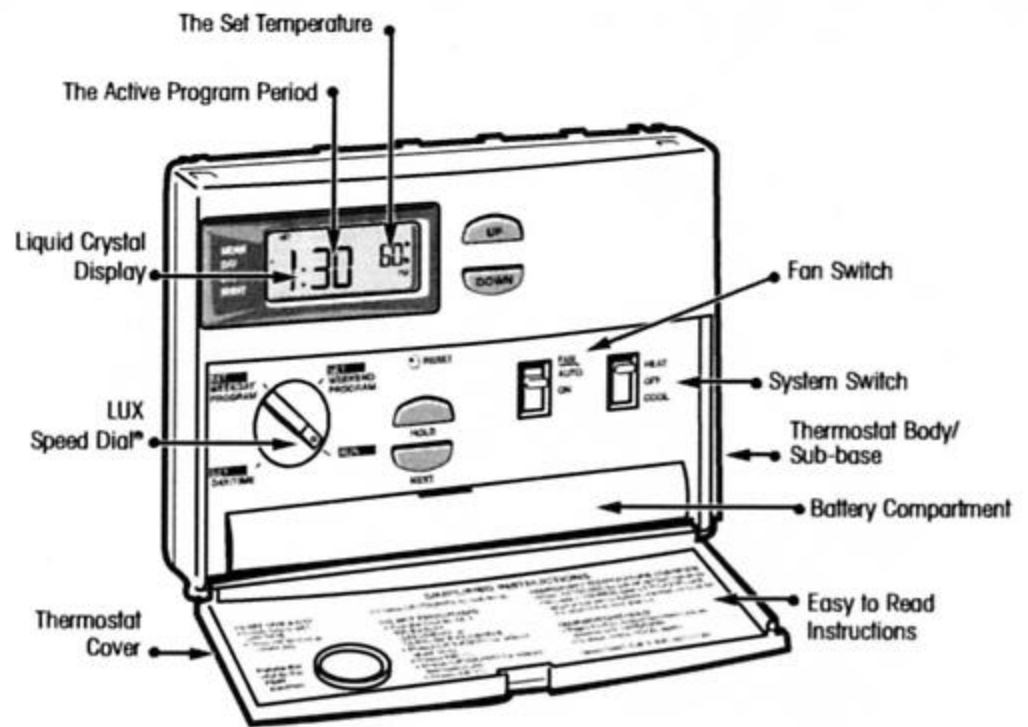
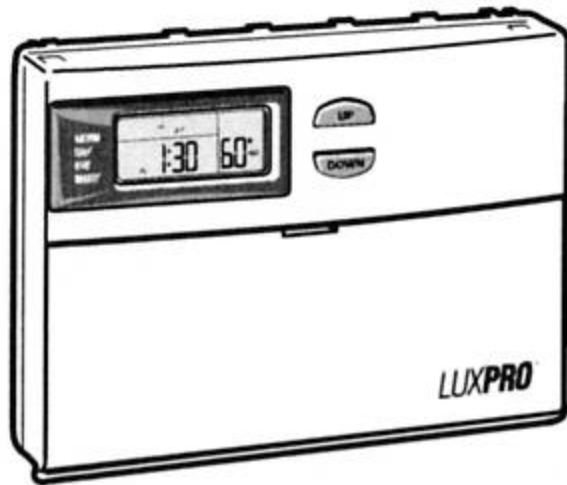


# LUXPRO<sup>®</sup> PSP511



## GENERAL DESCRIPTION:

**4<sup>3</sup>/<sub>4</sub>" (120mm) wide x 3<sup>3</sup>/<sub>4</sub>" (95mm) tall x 1<sup>1</sup>/<sub>4</sub>" (32mm) deep**

**Optional Wall Plate: 6<sup>1</sup>/<sub>2</sub>" (165mm) wide x 5<sup>1</sup>/<sub>2</sub>" (140mm) tall**

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

## SPECIFICATIONS:

**Electrical Ratings:** 1<sup>1</sup>/<sub>2</sub> AMPS at 24v AC, Battery Powered: 2 "AA" Batteries (included)

**Temperature Differential:** + or -1° Factory Preset. Differential Adjustable from 1/4°F to 2 1/4°F.

**Temperature Control Range:** 45°F to 90°F (7° to 32°). Accuracy: ±1°F over a range of 50°F to 95°F. Celsius and 12/24 Hr. Time Capable

**Compatibilities:** 2-7 Wire Forced Air Systems, 2 Wire Hydronic Systems, Single Stage Heat Pumps and Hydronic Air Handling Systems. Terminals, G Y W RH B O RC C, Solid Pin Connections. Allow usage for 24v and Millivolt Systems.

**Program Settings:** 4 Present Programs Per Day Heating and Cooling. All may be Easily Reprogrammed in 1° 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 or 2 Minute Time Delay

**Low Temperature Protection:** Mechanical Low Temperature Protection

**Environmental Limits:**

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

Operating Temperature: +32°F to +95°F (+0°C to +35°C). Storage Temperature: -4°F to +130°F (-20°C to +54°C). Electrical Immunity: meets relevant CE 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.



**LUX Products Corporation** 6000 I Commerce Parkway • 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: \_\_\_\_\_

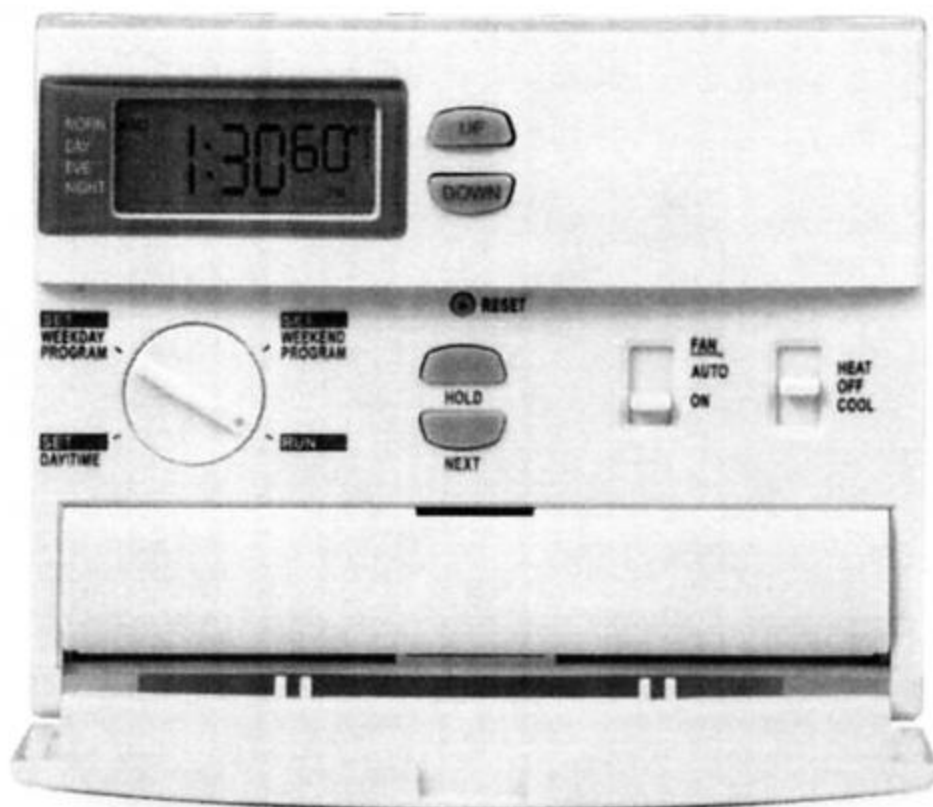
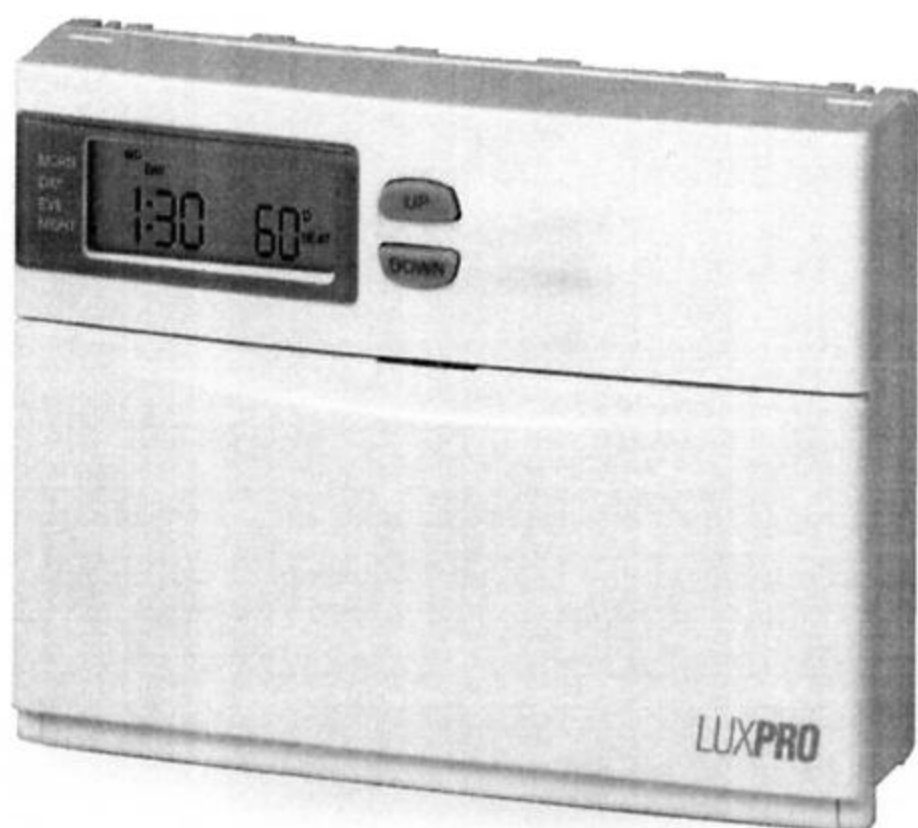
MODEL NO.: \_\_\_\_\_

SUBMITTED FOR:  APPROVAL  RECORD

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

# LUXPRO®

# PSP511



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

- **Preprogrammed - Up to 4 Programs Per Day**
- **Separate Programs for Heating and Cooling**
- **System or Battery Powered**  
**(2AA Batteries included)**
- **Separate Weekday and Weekend Programming**
- **5 or 2 Minute Air Conditioning**  
**Compressor Delay**
- **Large Liquid Crystal Display**
- **Temporary and Constant Temperature Override**
- **Easily Reprogrammed with LUX SpeedDial®**
- **Total Isolation Between System Power**  
**and Thermostat Capable**
- **Low Temperature Protection**

### **COMPATIBLE WITH:**

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

### **NOT COMPATIBLE WITH:**

- Multi-stage Heat Pumps
- Multi-stage Gas or Oil Furnaces
- 3 Wire Hydronic Systems
- 120v Heating Systems



**LUX** PRODUCTS CORPORATION

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