# **LUXPRO Deluxe Programmable Thermostats**

# PSP711TS

**Touch Screen. 7-Day Deluxe Programmable Thermostat Profile:** Easy to use, fully programmable, touch screen thermostat for single stage heating and cooling systems.

# **Compatibility:**

• 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems

Filter Monitor

Lighted Display

Temporary Temperature

- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- Millivolt Systems

## Features:

- 7-Day Programming
- · 4 Periods Per Day
- Smart Recovery Selectable · Large, Easy-to-Read, Display
- Manual Hold
- 12 / 24 Hour Clock • Touch Screen Lockout Code

# **P721UT** (Touch Screen) **and P722U**

# 7-Day Deluxe Universal Programmable or **Manual Thermostats**

(batteries included)

Programs and Settings

0 and B Terminals

• 3-Year Warranty

Profile: Easy to use programmable thermostats (each day of the week can be programmed separately) for heating and cooling systems.

## **Compatibility:**

- Most 24V Heating and A/C Systems
- Up to 2 Stage Heat / 1 Stage Cool: Gas, Oil and Electric Systems (P721UT)

P722U

- Up to 2 Stage Heat / 2 Stage Cool: Gas, Oil and Electric Systems (P722U) Up to 2 Stage Heat / 1 Stage Cool Heat Pump Systems
- Will Operate Auxiliary and Emergency Heat
- 3-Wire Hot Water Zone Valves

## Features:

- User Selectable 7-Day Prog. or Non-Prog. (Manual)
- Quick Copy Programming and Smart Recovery Selectable
- Selectable 2 or 4 Program Periods per Day
- Large Blue Backlit Display with Large, Easy-to-Read Digits

with your own private brand.

- 5:36 72-

abc

· Easy Menu-Driven Setup

◈

- Filter and Energy Usage Monitors Dual Powered (2 AA batteries
- included) Adjustable Heating and Cooling
- Temperature Calibration (±5°F)
- · Battery-Free Memory Storage • Selectable 5/2 Minute Time

72 :

 Programmable Digital Keypad
 3 Year Warranty Lock (10,000 different codes)

### Manual Temperature "Hold" and "Temporary Override" 12/24 Hour Clock Display

LUXPRO

70°

# **PSPU721T** and **PSPU732T Universal**

**Touch Screen, 7-Day Deluxe Programmable Thermostats** 

**Profile:** Easy to use programmable thermostat (each day of the week can be programmed separately for heating and cooling systems.

## **PSPU721T Compatibility:**

- Up to 2 Stage Heat /1 Stage Cool: Gas, Oil, and Electric Systems
- Up to 2 Stage Heat / 1 Stage Cool: Heat Pump & Dual Fuel Systems

# **PSPU732T Compatibility:**

- . Most 24V Heating and A/C Systems (with Common Wire)
- Up to 2 Stage Heat / 2 Stage Cool: Gas, Oil, and Electric Systems . Up to 3 Stage Heat / 2 Stage Cool: Heat Pump & Dual Fuel Systems

# Battery Free Memory For All

- **Features:**
- Large, dot-matrix TRUE TOUCH-SCREEN with adjustable contrast • 7-DAY PROGRAMMABLE with 4 events per day and a COPY option for each day
- User Selectable Programmable or Non-Programmable (Manual) Operation · Patented ENERGY WATCH, monitors the KWh consumption and dollar cost of operating the HVAC system
- FILTER MONITOR feature indicates when to change the air filter
- INSTALLER MESSAGE provides a handy reminder for service or contact in case of a heating or
- · SECURITY feature prevents operating thermostat without entering 4-digit PIN
- AUTOMATIC CHANGEOVER mode no need to manually switch between heating or cooling
- DEHUMIDIFICATION (PSPU732T only)
- AUTOMATIC HUMIDITY CONTROL (PSPU732T only) based upon outdoor temperature\*\* • DUAL FUEL capable - switch-over to fossil fuel heating and increase energy efficiency

\*\*(When used with the optional wireless temperature and receiver kit, Model No. WTR064)

# OPTIONAL OUTDOOR WIRELESS TEMPERATURE

# TRANSMITTER AND RECEIVER KIT - Model No. WTR064

Accurately Displays Current Outdoor Temperature and Enables Dual Fuel Capability on the LUXPRO® PSPU721T / PSPU732T Thermostats Developed by: AED Electronics, Inc. MADE IN CHINA PATENTS: 7.185,825; 7,156,318; 7,145,110; 7,050,026; 7,028,912; 6,902,117; 6,786,421; Other Patents Pending

# The LuxPro® Promise

At Lux Products Corporation, we are dedicated to bringing our customers the best line of thermostats, today and well into the future. Our entire line of over thirty programmable, digital, and mechanical thermostats are designed to be a reliable, simple and precise part of our customers' lives, so that everyone can enjoy the benefits and comforts of advanced temperature control.



# P621U

5-1-1 Day Deluxe Universal **Programmable or Non-Programmable Thermostat** 

**Profile:** Easy to use programmable or non-programmable thermostat (separate Weekday, Saturday, and Sunday) for heating and cooling systems.

# **Compatibility:**

- Universal Compatibility for Conventional Heat & A/C and Heat Pumps with Up to 2-Stage Heat / 1 Stage-Cool
- 2 & 3 Wire Hydronic Systems (Hot Water Baseboard & Radiator) • Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)

## **Features:**

- Weekdays, Saturday & Sunday Can Be Different (2 or 4 periods/day)
- · Large Display with Backlight
- Adjust. Heating and Cooling Limits · Keyboard Lockout
- Comprehensive Graphical Filter Monitor
- Selectable Smart Recovery • Dual Powered (2 AA Batteries Included)
- User Selectable Programmable or Non-Programmable (manual) Operation

\* 5:36 T2

- Manual Temperature Hold • Temporary Temperature Override
- Adjustable Temp. Differential Cycle Rate
- Adjustable 2nd Heat Stage Offset Setting • User Temperature Calibration (+/- 5°F degrees)
- 5 / 2 Minute Selectable Time Delay
- Battery Free Memory Storage
- 12 / 24 Hour Clock Display
- 3-Year Warranty

# PSP511LC

# 5-2 Day Deluxe **Programmable Thermostat**

**Profile:** Easy to use programmable thermostat (separate weekday and weekend) for heating and cooling systems.

# **Compatibility:**

- Most 24V Heating and A/C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems

Large, Easy-to-Read, Liquid

• 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)

Crystal Display

Luxlight® EL (Electro

Soft Touch Buttons

Luminescent) Display

• 5 Minute Compressor Delay

• User Temperature Calibration

• 2 Wire Hydronic Air Handlers

- **Features:** Exclusive Lux Speed Dial<sup>®</sup> -
- Makes Reprogramming Easy
- 5-2 Programming · Separate Weekday and
- Weekend Programming 4 Periods Per Day
- · Separate Programs for
- Heating and Cooling
- · Keyboard Lockout Manual Hold
- Temporary Temperature Override

  - F/C Temperature Display
- 0 and B Terminals

Indicator

with Filter Change Indicator

12 / 24 Hour Clock

(batteries included)

· On Screen Low Battery

Programmable Filter Timer

System or Battery Powered

• Battery Free Memory Storage

3-Year Warranty

# P521U

5-2 Day Deluxe Universal **Programmable or Non-Programmable Thermostat** 

**Profile:** Easy to use programmable or non-programmable thermostat (separate weekday and weekend) for heating and cooling systems.

# **Compatibility:**

- Universal Compatibility for Conventional Heat & A/C and Heat Pumps
- with Up to 2-Stage Heat / 1 Stage-Cool
- 2 & 3 Wire Hydronic Systems (Hot Water Baseboard & Radiator)
- Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)

# **Features:**

- Separate Weekday and Weekend Programs
- (2 or 4 periods/day) • Large Display with Backlight
- · Adjust. Heating and Cooling Limits
- Keyboard Lockout
- Programmable Air Filter Monitor
- Selectable Smart Recovery
- Dual Powered (2 AA Batteries Included) • User Selectable Programmable or Non-

Programmable (manual) Operation

- User Temperature Calibration (+/- 5°F degrees)
- 5 / 2 Minute Selectable Time Delay

Manual Temperature Hold

• Temporary Temperature Override

• Adjustable Temp. Differential Cycle Rate

• Adjustable 2nd Heat Stage Offset Setting

- Battery Free Memory Storage
- 12 / 24 Hour Clock Display
- 3-Year Warranty

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# **PH521**

5-2 Day Deluxe Programmable or Non-Programmable Thermostat

Profile: Easy to use programmable or non-programmable thermostat (separate weekday and weekend) for 1 or 2 stage heating and 1 stage cooling heat pump systems.

- Up to 2 Stage Heat / 1 Stage Cool: Heat Pump Systems
- Will Operate Auxiliary and Emergency Heat

## Features:

- Separate Weekday and Weekend Programs
- Preprogrammed 4 periods per day • User Selectable Programmable or
- Non-Programmable (Manual) Operation Programmable (4 digits) keyboard lock
- · Adjustable heat / cool temperature limits
- Dual Power 2 AA batteries included
- Backlight Display Celsius or Fahrenheit
- Temperature Hold • Temporary Temperature Override
- Temporary Compressor Protection Bypass
- (service mode) Adjustable Temperature Swing 1-9
- Temperature Calibration (+/- 5°F) Feature
- Dual Fuel Operation 3-Year Warranty

# **LuxPro** Pro-Fit Series Thermostats



# PSP722E

# **Everything 'Stat®**

**Universal Replacement Deluxe Thermostat** Profile: Universally compatible Everything 'Stat® offering highly accurate, *fully programmable* temperature control of single or multistage heating and cooling systems

# **Compatibility:**

- Most 24V Heating and A/C Systems
- Up to 2 Stage Heat / 2 Stage Cool: Gas, Oil, or Electric (non Heat Pump) Systems
- Up to 3 Stage Heat / 2 Stage Cool: Heat Pumps • 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- 2 Wire Hydronic Air Handlers

Millivolt Systems

- **Features:**
- Universal Compatibility
- Replaces Almost Every System Control · Controls Auxiliary and Emergency Heat
- · System Powered with Battery Backup, or Battery
- Powered (batteries included) Auto or Manual Changeover
- Adjustable 1-5 Minute A/C Compressor Delay
- Emergency and Auxiliary Heat Indicators · Energy Usage Monitor

(Patent No. 6.988.671)

- Large, Hybrid Dot-Matrix Display
- Filter Monitor
- Luxlight® EL (Electro Luminescent) Display
- Programmable High And Low Setting Limits Defeatable Audible Button Response

and Settings

• Menu Driven Setup Done From The Front Panel

• User Programmable 3 Digit Lock Code

• Battery Free Memory For All Programs

Advanced Keyboard Lockout

• Temperature Offset (User Calibration)

• Programmable Auto-Changeover Dead-Band

- Multi-Stage Adj. Temperature Differential • Programmable Length Minimum Run Time
- Residual Fan Delay and Fan Overrun  $\bullet$  Clean Cycle® Programmable IAQ Intermittent Fan  $\,\,\bullet\,$  0 and B Terminals 3-Year Warranty

# PSPA71

# **Compatibility:**

- Most 24V Heating and A/C Systems • 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- . Millivolt Systems

**Features:** 

• 7-Day Programming 4 Periods Per Day Auto or Manual Changeover

• Exclusive Lux Speed Dial® - Makes

2 Wire Hydronic Air Handlers

- Reprogramming Fasy System or Battery Powered with Battery Free
- Keyboard Lockout Filter Monitor

• 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)

- Memory Storage (batteries included)
- Temporary Temperature Override (Residential CAT24 Compliant)

## Manual Hold • Adjustable 2 or 5 Minute A/C Compressor Delay

• 0 and B Terminals • 3-Year Warranty

Energy Usage Monitor

(Patent No. 6.988.671)

Luxlight® EL (Electro Luminescent) Display

• Clean Cycle® Programmable IAQ Intermittent Fan

# **PSPA711 Auto Changeover**

**Deluxe Programmable Thermostat** 

Profile: Fully programmable, digital thermostat with auto changeover for control of single stage heating and cooling systems.



# The LuxPro<sup>®</sup> Imprint Program

What's the most important name on any thermostat? It's not the brand name. It's the installer's name that matters. A thermostat that bears the name of the installing contractor is a powerful marketing tool that can help maintain the business relationship after the initial sale. LuxPro® can personalize any thermostat for virtually any application. There are no set-up fees and minimum quantities are surprisingly low. From logotype design to final packaging, LuxPro® can help get you started

For immediate response to **LUXPRO®** ordering and pricing inquiries,

call **856-234-7905**, press 4, and ask for your LuxPro® expert.

M+60-70-80+ NO

# **Special Contractor Techline**

LUXPRO® Technical Support: 856-234-8803, press 7

Installation / Operating Manuals,

please visit http://www.luxproproducts.com.

If a tech is not available at the time, leave a message and your call will be returned within 15 minutes. For individual Spec Sheets and



Lux Products Corporation 6000 Commerce Parkway, Suite 1 Phone: 856-234-7905 | Fax: 856-234-7825

www.luxproproducts.com





Thermostats and Accessories



# **LuxPro** Digital Thermostats

# 72 :

# **PSD111** and PSDH121

**Multi-Positional Heating and Cooling Thermostats** 

Profile: Multi-positional, Non-programmable digital thermostat.

# **PSD111 Compatibility:**

- Most 24V Heating and A/C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- 2 Wire Hydronic Air Handlers

## Millivolt Systems

# **PSDH121 Compatibility:**

- Up to 2 Stage Heat / 1 Stage Cool: Heat Pump Systems
- Will Operate Auxiliary and Emergency Heat

## **Features:**

- Multi Positional Vertical or Horizontal Mounting Electronic Accuracy
- Large, Easy-to-Read Digital Display
- Luxlight® EL (Electro Luminescent) Display
- System or Battery Powered (batteries included)
- Optional Wall Plate Available

- · Low Battery Indicator

- - F / C Temperature Display • 0 and B Terminals

• 5 or 2 Minute Delay

- Display Temperature User Calibration 3-Year Warranty

www.luxproproducts.com

# 75.

# **Pro-Spec™ Series System Powered**

# **Digital Thermostats**

**Profile:** Digital Electronic Non-Programmable

No Fan

thermostat for heating and cooling systems.

- PSD011W Compatibility:Most 24V Heating and A/C Systems
- (With Common Wire) • 1 Stage Heat / 1 Stage Cool: Gas, Oil,
- Electric, or Single Stage Heat Pump • 2 Wire Heat Only Hydronic Systems
- (Hot Water Baseboard & Radiator)

Most 24V Heating and A/C Systems

## • 2 Wire Hydronic Air Handlers **PSD011B Compatibility:**

- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump
- 2 Wire Heat Only Hydronic Systems
- (Hot Water Baseboard & Radiator)
- 2 Wire Hydronic Air Handlers

**LUXPRO Locking Thermostat Guards** 

· Millivolt Systems

# **Features:**

- Large LED Illuminated Digital Display
- Soft Touch Buttons

& Gas Fireplaces) **PSD010BF Compatibility:** Most 24V Heating Systems

**PSD010B Compatibility:** 

• 2 Wire Heat Hydronic System

24V 2 Wire Heating Only Systems

• 1 Stage Heat Gas or Oil Systems With

(Hot Water, Baseboard & Radiator)

• Millivolt Systems (Wall Heaters / Furnaces

- (Non Heat-Pump) Systems 2 Wire Heat Only Hydronic Systems
- (Hot Water, Baseboard & Radiator) Millivolt Systems (Wall Heaters / Furnaces

• 1 Stage Heat Only: Gas, Oil or Electric

& Gas Fireplaces)

- Attractive Slim Design
- Adjustable Temperature Stops

# Easy Installation

- Optional Wall Plate Available
- 0 / B Terminal
- 3-Year Warranty
  - "W" suffix models are system powered and require Common wire; "B" suffix models are
  - battery powered (batteries included).

PSP722E

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thermostats for heating and cooling systems.

# **Compatibility:**

- 1 Stage Heat Only: 2-Wire Gas or Oil Systems (PSM30SA)
- 1 Stage Heat / 1 Stage Cool: Gas. Oil. Electric, or Single Stage Heat Pump
- Systems (PSM40SA)
- Features:
- Clean Attractive Design
- · Snap-Action Mechanism
- Adjustable Heat Anticipator • 0 and B Terminals (PSM40SA)
- PSM30SA Heating Only Snap Action
- PSM40SA 1 Heat / 1 Cool Snap Action
- 3-Year Warranty

# PSMH45 **Heat Pump** Profile: Mercury bulb mechanical thermostat with adjustable second stage

# **Compatibility:**

- Up to 2 Stage Heat / 1 Stage Cool: Heat Pump Systems
- Will Operate Auxiliary and Emergency Heat

# **Features:**

- · Horizontal Style
- Mercury Bulb Accuracy · Adjustable, Second Stage Heat Anticipator

**Deluxe Programmable** 

heat anticipator for 2 stage heat, 1 stage

- Auxiliary Heat Indicator Light

Digital

• 3-Year Warranty

cool heat pump systems.

# PSM400SA

# **Mechanical Snap-Action Thermostat**

**Profile:** Mechanical snap-action thermostat and heating and cooling systems.

# **Compatibility:**

- 1 Stage Heat / 1 Stage Cool: Gas, Oil, or
- Electric (non Heat Pump) Systems
- Systems with Built In Time Delays
- (Hot Water Baseboard & Badiator)

• 2 Wire Heat Only Hydronic Systems

- 2 Wire Hydronic Air Handlers
- · Millivolt Systems

# Features:

- PSM200SA Heat Only • Horizontal Style
  - PSM400SA Heating and Cooling
- · Clean, Attractive Design Snap-Action Switch Mechanism
  - 3-Year Warranty
- Adjustable Heat Anticipator



**Profile:** Non-Programmable thermostat for heating only systems.

# **Compatibility:**

- Most 24V Heating and A/C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, or Electric (Non Heat Pump) Systems (PSM011)
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- 1 Stage Heat Only (PSM010)

# **Features:**

- Needs No Batteries
  - · Contains No Mercury
- Soft Rubber Set Temperature Ring 3-Year Warranty Large Easy To Use Mode Switch
- · Easy Installation

- Fits All Thermostats

# and warehouses, the LuxPro thermostat guards limit unwanted access and eliminate accidental fluctuations when someone bumps into the thermostat.

# Single or Double Pole Line Voltage

BB2001-005

9½" (240 mm) wide/width

5¾" (146 mm) tall/height

4" (100 mm) deep/depth

LV2

- 5:36 72 ]

1.1

- Exclusive Lux Speed Dial® -Makes Reprogramming Easy
- - 4 Periods Per Day

- - · Large, Easy-to-Read Display

**Thermostats Profile:** Mechanical thermostats for line voltage heating and

# 1 Stage Heat Only: Single Pole 120/240 VAC Systems (LV1)

# Clean Attractive Design 3-Year Warranty

# **Compatibility:**

- Space Heaters 120 Volt 15A Units
- ETL Approved

PSPLV512

**Profile:** Easy-to-use programmable thermostats (weekday and weekend programming) for line voltage heating systems.

- 1 Stage Heat Only: 120/240 VAC Single or Double Pole Applications • Baseboard, Ceiling Cable and Other Radiant Heating Systems
- Heat On / Off Switch

# LV1, LV2 and LV3

# 5-2 Day Programmable

portable space heaters.

# Electric Space Heaters – 120 VAC, 15 Amp Plug

- 120VAC Outlet Powered
- 3-Year Warranty

# **LuxPro** Mechanical Thermostats



# • Systems with Built In Time Delays

- (PSM40SA)
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator) • 2 Wire Hydronic Air Handlers
  - Millivolt Systems



- Clean Attractive Design
- Emergency Heat Position with Indicator Light
  - Push Button Back Light

# **Features:**

One Key Included

# **LUXPRO Line Voltage Thermostats**

**Programmable Thermostat** 

# Weekday and Weekend Manual Hold Programming

# • 3-Year Warranty

cooling systems.

# **PSP300**

**Profile:** Easy to use programmable outlet thermostat for window air conditioners and

# Features:

- · 4 Periods Per Day

- Either Vertical or Horizontal Orientatio Shape Square (S), Round (R) Gas, Oil (Furnace or Boiler) Electric Forced Air Furnace Multi-Stage Heat Pump

# • 1 Stage Heat Only: Double Pole 120/240 VAC Systems (LV2) • 1 Stage Cool Only: Single Pole 120/240 VAC Systems (LV3)

# **Outlet Thermostat**



- BB3001-004
- 6¾" (172 mm) wide/width

# BB2001-005 (small), BB3001-004 (large) **Locking Thermostat Guards**

### Whether your customer is looking for additional assurance or needs to deter tampering with settings, thermostat locking guards provide the protection 5%" (149 mm) tall/height desired. Made of strong, durable plastic, these guards come in two sizes to fit all thermostats. Perfect for applications such as offices, rental properties 31/4" (83 mm) deep/depth



# Orientation - Horizontal (H), Vertical (V)

Single-Stage Heat Pump Gas / Electric Fan Option Millivolt Systems Window A/C and Space Heater Control 1 Cool-only

3 Heat / 2 Cool
Switch Type - Mercury (M), Snap Action (SA)
Relay Outputs
0 & B Terminals
Auxiliary Heat Indicates

Emergency Heat Indicator Heat Pump Lockout 7 Day Programming 5-1-1 Day Programming 5-2 Day Programming

System Powered Only

Line Voltage 120 VAC

Auto- Changeover

Dedicated LCD Display

CED Lighted Display
F/°C Selectable

12 / 24 Hour Clock Adjustable Temperature Differential Displays Relative Humidity

Dehumidification Smart Recovery Selectable Programming Copy Feature Low Battery Indicator

Large Full Dot Matrix Display

Large Hybrid Dot Matrix Display

Battery Free Memory Storage

Filter Monitor and Indicator Audible Keypad Entry Respons Daylight Savings Time Button

Manual Temperature Hold

Programmable Fan Control Keypad Lock

User Temperature Calibration

Temporary Temperature Override Adjustable Vacation Hold Custom Installer Message

Optional Outdoor Wireless RF Sensor

Programmable Keypad Lock Progr. Heat / Cool Fan Delay on Make / Break Short Cycle Protection (Fixed Value)

Energy Usage Monito

Battery Backup Line Voltage 120 / 240 VAC

System or Battery Powered / Backup Battery Powered Only

Preprogrammed
Speed Dial® / Speed Slide™ Reprogramming
Touch Screen Reprogramming

Luxlight® EL (Electro Luminescent) Display

 Temporary Temperature Override

System Cycle Adjustment

- **Line Voltage Mechanical**
- Compatibility:

# Contains No Mercury Easy to Install and Use

Window Air Conditioners – 120 VAC, 15 Amp Plug

## $\bullet$ Designed for Window Air Conditioners and Portable $\,\bullet$ Exclusive Lux Speed Dial $\!^{\otimes}$ -Makes Reprogramming Easy



• Two Sizes

- Tamper Resistant Strong, Durable Plastic Limits Unwanted Access

LV3

# Line Voltage

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