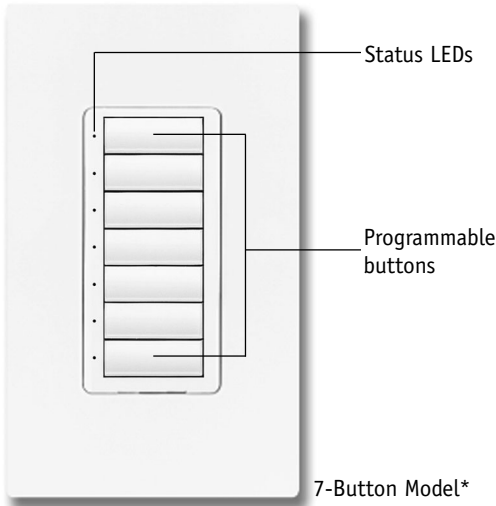


HomeWorks® Wired seeTouch Keypads



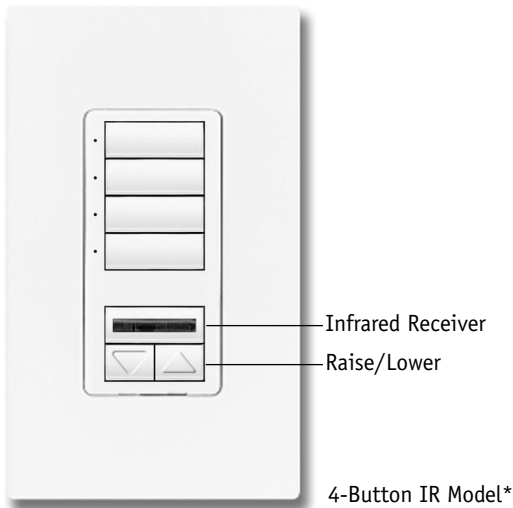
DESCRIPTION

HomeWorks keypads, available in many styles, colors, and finishes, provide homeowners with a simple and elegant way to operate lights, shades, motorized screens, pumps, thermostats, and many other devices. Keypads have LEDs that provide real-time status indication. Button Kits are available with custom engraving to clearly identify each button's function.

seeTouch keypads feature large, easy-to-use buttons, plus a unique backlit engraving option that makes the keypads readable any time of the day or night. seeTouch buttons are rounded, allowing engraving to be displayed at an upward angle, increasing readability. seeTouch keypads are available with one to seven buttons, allowing you to customize the number of functions to fit your need.

The flexible design even allows the number of buttons and the configuration of the buttons to be changed after the keypad is installed.

All seeTouch models have two contact closure inputs on the back of the unit which provide independent functions from the front buttons. Other options include configurations with infrared receiver and raise/lower buttons.



MODEL NUMBERS

Base Models (Gloss White Only)

STWD-4SIR-WH	4 Button Base Model with Raise/Lower, Off, IR
STWD-6BRL-WH	6 Button Base Model with Raise/Lower, Off
STWD-7B-WH	7 Button Base Model
ST-NB-NONE	Base Model with No Buttons or Plastic
ST-NBIR-NONE	IR Base Model with No Buttons or Plastic

Button Kits

SKD-1B-XX	1 Button
SKD-2B-XX	2 Button
SKD-3B-XX	3 Button
SKD-3BRL-XX	3 Button with Raise/Lower
SKD-4B-XX	4 Button
SKD-4S-XX	4 Button with Raise/Lower, Off
SKD-4SIR-XX	4 Button with Raise/Lower, Off, IR
SKD-5B-XX	5 Button
SKD-5BRL-XX	5 Button with Raise/Lower
SKD-6B-XX	6 Button
SKD-6BRL-XX	6 Button with Raise/Lower
SKD-7B-XX	7 Button

* Wallplate/Adapter purchased separately.

"XX" in model number represents color/finish code. See Ordering Process to determine the correct Base Model, Button Kit, and wallplate needed.

JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	

SPECIFICATIONS

Power

Operating voltage: Low-voltage type Class 2/PELV, 15VDC.

Key Design Features

- Green status LEDs.
- Green button/engraving backlighting.
- Field-changeable button and wallplate assemblies make for easy customization.
- Front-located DIP switches allow change of address without removing the unit from the wall.
- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 6100-4-2.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- All terminal block inputs are over-voltage and miswire-protected against wire reversals and shorts.
- Use Lutron Designer (Claro® or Satin Colors™) wallplates or designer-style wallplates from other manufacturers (when using metal wallplates from other manufacturers, it is recommended that a Midnight (MN) keypad be used). Wallplates are sold separately.
- Lutron Claro and Satin Colors wallplates

snap on with no visible means of attachment.

- seeTouch Designer keypads require a 1-gang U.S. wallbox, 3-1/2 in.(89mm) deep recommended, 2-1/4 in. (57mm) deep minimum.
- Use Button Kits to change color, button configuration, or engraving.

System Communications and Capacity

- Low-voltage type Class 2/PELV wiring connects keypads to processor.
- Each HomeWorks Interactive processor has three configurable links, each capable of directly controlling up to 32 keypads.
- Each HomeWorks Interactive processor can drive up to 300 keypad LEDs. Each seeTouch Designer keypad counts as 15 LEDs. External power supplies may be used to drive an additional 350 LEDs.

Connections

Communications: One 4-pin removable terminal block. Each pin will accept two wires up to #18 AWG (1.0mm²).

Contact Closures: One 3-pin removable terminal block. Each pin will accept two wires up to #18 AWG (1.0mm²).

Environment

Ambient operating temperature: 0-40°C, 32-104°F, 0-90% humidity, non-condensing. Indoor use only.

COLOR / FINISH CODES

Designer Gloss Finishes

Button Kit Color	(code)	Button Color	Back-lighting
White	(WH)	Matching	Button
Ivory	(IV)	Matching	Engraving
Almond	(AL)	Matching	Button
Lt Almond	(LA)	Matching	Button
Gray	(GR)	Light Gray	Engraving
Brown	(BR)	Light Brown	Engraving
Black	(BL)	Matching	Engraving

Satin Colors Matte Finishes

Button Kit Color	(code)	Button Color	Back-lighting

Vibrato™ Series

Hot	(HT)	Taupe	Engraving
Ochre	(OC)	Ivory	Engraving

Piedra™ Series

Terracotta	(TC)	Taupe	Engraving
Desert Stone	(DS)	Taupe	Engraving
Stone	(ST)	Gray	Engraving
Limestone	(LS)	Gray	Engraving

Lustra™ Series

Blue Mist	(BT)	White	Button
-----------	------	-------	--------

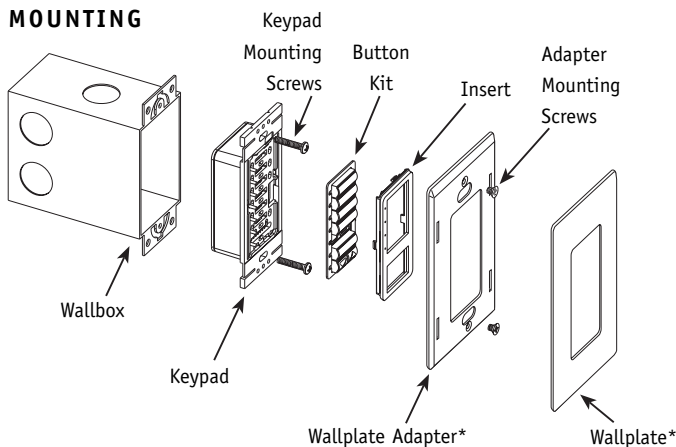
Classico™ Series

Midnight	(MN)	Matching	Engraving
Taupe	(TP)	Matching	Engraving
Eggshell	(ES)	Matching	Button
Biscuit	(BI)	Matching	Button
Snow	(SW)	Matching	Button

Warranty

- 8 Year Limited Warranty.

MOUNTING



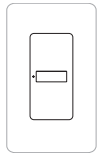
* Wallplate and Adapter purchased separately.

JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	

Designer Style

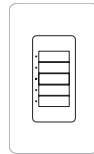
BUTTON CONFIGURATIONS

Wallplates purchased separately



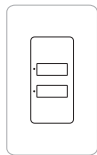
1 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-1B-XX



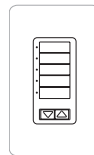
5 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-5B-XX



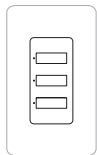
2 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-2B-XX



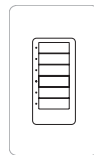
5 Button with Raise/Lower

Base Model: STWD-5BRL-WH or ST-NB-NONE*
 Button Kit: SKD-5BRL-XX



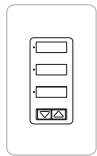
3 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-3B-XX



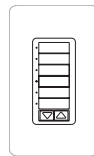
6 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-6B-XX



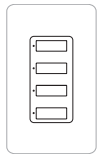
3 Button with Raise/Lower

Base Model: STWD-6BRL-WH or ST-NB-NONE*
 Button Kit: SKD-3BRL-XX



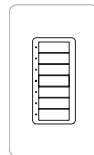
6 Button with Raise/Lower

Base Model: STWD-6BRL-WH or ST-NB-NONE*
 Button Kit: SKD-6BRL-XX



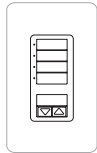
4 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-4B-XX



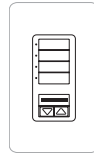
7 Button

Base Model: STWD-7B-WH or ST-NB-NONE*
 Button Kit: SKD-7B-XX



4 Button with Raise/Lower/Off

Base Model: STWD-6BRL-WH or ST-NB-NONE*
 Button Kit: SKD-4S-XX



4 Button with Raise/Lower/Off (Infrared)

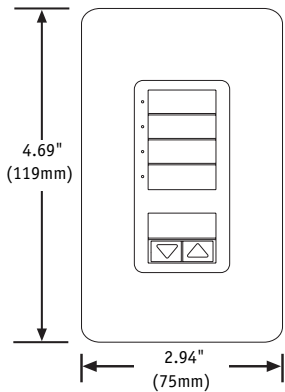
Base Model: STWD-4SIR-WH
 or ST-NBIR-NONE*
 Button Kit: SKD-4SIR-XX

* ST-NB-NONE and ST-NBIR-NONE = Keypads with no buttons. Order this instead of the base model if the final color and button configuration/engraving are already determined.

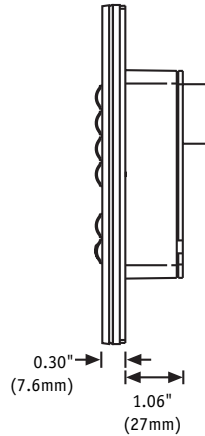
<p>JOB NAME:</p> <p>JOB NUMBER:</p>	<p>MODEL NUMBERS:</p>
--	-----------------------

DIMENSIONS

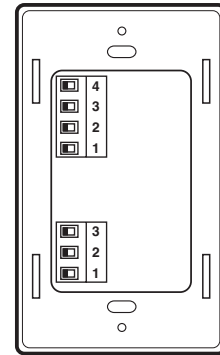
Front View



Side View

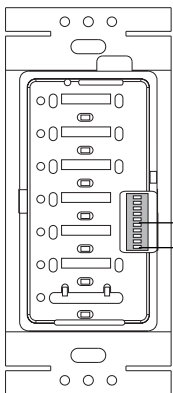


Back View



Front View

(wallplate/adaptor and button kit removed)



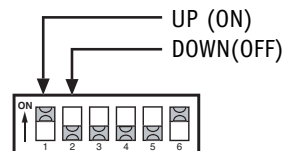
DIP switches 1-5 for setting address, DIP switches 6-10 do not affect keypad function.

DIP SWITCHES

Set DIP switches 1-5 to give the keypad a unique HomeWorks Interactive system address from 1 to 32.

Address #	Switch Settings	Address #	Switch Settings	Address #	Switch Settings	Address #	Switch Settings
1	ON OFF OFF OFF OFF OFF	9	ON OFF OFF OFF OFF OFF	17	ON OFF OFF OFF OFF OFF	25	ON OFF OFF OFF OFF OFF
2	ON ON OFF OFF OFF OFF	10	ON ON OFF OFF OFF OFF	18	ON ON OFF OFF OFF OFF	26	ON ON OFF OFF OFF OFF
3	ON ON ON OFF OFF OFF	11	ON ON ON OFF OFF OFF	19	ON ON ON OFF OFF OFF	27	ON ON ON OFF OFF OFF
4	ON ON ON ON OFF OFF	12	ON ON ON ON OFF OFF	20	ON ON ON ON OFF OFF	28	ON ON ON ON OFF OFF
5	ON ON ON ON ON OFF	13	ON ON ON ON ON OFF	21	ON ON ON ON ON OFF	29	ON ON ON ON ON OFF
6	ON ON ON ON ON ON	14	ON ON ON ON ON ON	22	ON ON ON ON ON ON	30	ON ON ON ON ON ON
7	ON ON ON ON ON ON	15	ON ON ON ON ON ON	23	ON ON ON ON ON ON	31	ON ON ON ON ON ON
8	ON ON ON ON ON ON	16	ON ON ON ON ON ON	24	ON ON ON ON ON ON	32	ON ON ON ON ON ON

Example: Setting Switch #1 ON.



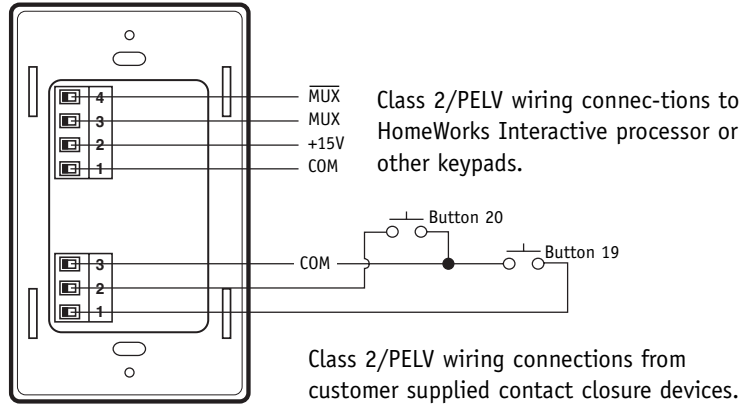
JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	

WIRING

Keypad wiring may be in a daisy-chain, star or t-tap configuration. Each home run on a link may be up to 1,000 ft. (305m) and may contain up to 10 keypad devices. The total length of wire on that link (all home runs) may be up to 4,000 ft. (1220m). Up to 32 keypad devices may be placed on each processor link configured as a keypad link in the HomeWorks Interactive software. An external power supply may be required depending on the total current draw of all keypad devices on the processor.

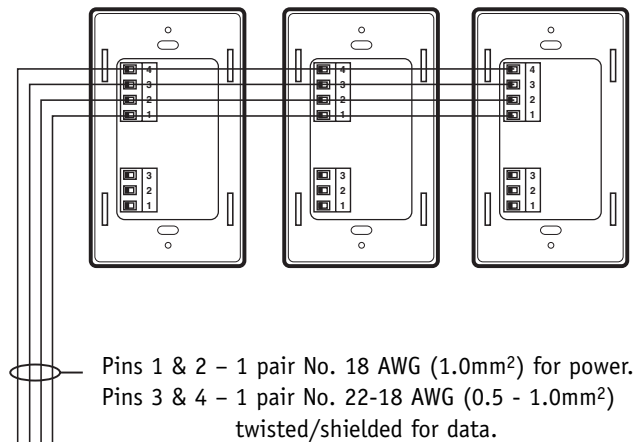
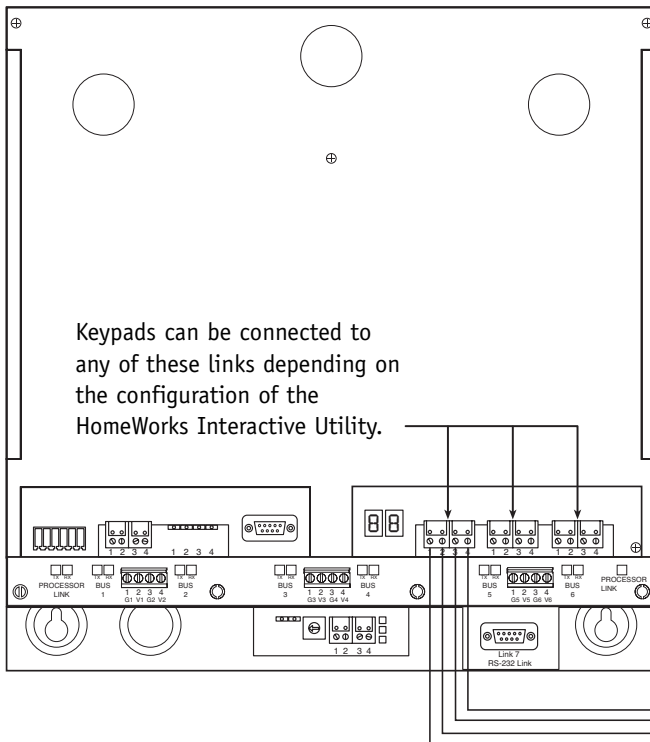
WIRE TYPE

Two pair [one pair #18 AWG (1.0mm²), one pair #22-18 AWG (0.5-1.0mm²) twisted shielded] Class 2/PELV. Lutron wire, model # GRX-CBL-346S-500, may be used.



Class 2/PELV wiring connections from customer supplied contact closure devices.

1. Switch inputs must be momentary dry or solid-state contact closures. Solid-state output on-state saturation voltage must be less than 2VDC. Off-state leakage current must be less than 50 microamps. Closures must be capable of switching 15VDC @ 10 milliamps.
2. Switch closures must be from common to selected input.
3. Momentary switch inputs require a minimum closure time of 40 msec.



JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	