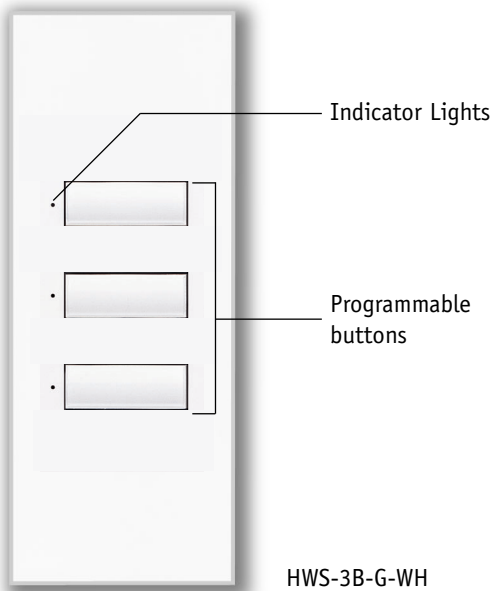


# HomeWorks Wired Signature Series Keypads



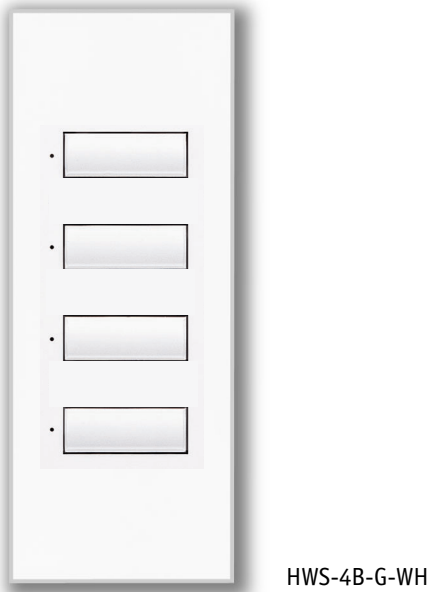
## DESCRIPTION

HomeWorks Signature Series keypads provide homeowners with a simple and elegant way to operate lights, shades, motorized screens, pumps, thermostats, and many other devices. Keypads have indicator lights that provide real-time status. Button Kits may be ordered with custom engraving to clearly identify each button's function.

Signature Series Keypads feature large, easy-to-use buttons, plus unique backlit engraving that makes the keypads readable any time of the day or night. Signature Series buttons are rounded, allowing engraving to be displayed at an upward angle, increasing readability.

Signature Series Keypads are available with three or four buttons, and are available in two styles: Monterey, with green indicator lights and button backlighting, and Monaco, with blue indicator lights and button backlighting.

Mounts in Lutron wallbox P/N WBOX-SA1-Q1.



## MODEL NUMBERS

### Monterey Keypads

- HWS-3B-G-XX 3-button with Green indicator lights/Backlighting
- HWS-4B-G-XX 4-button with Green indicator lights/Backlighting

### Monaco Keypads

- HWS-3B-B-XX 3-button with Blue indicator lights/Backlighting
- HWS-4B-B-XX 4-button with Blue indicator lights/Backlighting

### Button Kits

- HKS-3B-WH-E 3-button White Button Kit with Engraving
- HKS-3B-BL-E 3-button Black Button Kit with Engraving
- HKS-4B-WH-E 4-button White Button Kit with Engraving
- HKS-4B-BL-E 4-button Black Button Kit with Engraving

"XX" in the model number represents color/finish code.

<p>JOB NAME:</p> <p>JOB NUMBER:</p>	<p>MODEL NUMBERS:</p>
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**SPECIFICATIONS**

**Power**

- Low-voltage Class 2/PELV, 15VDC.

**Key Design Features**

- Green indicator lights on Monterey; blue indicator lights on Monaco.
- Green button/engraving backlighting on Monterey; blue engraving backlighting on Monaco.
- Field-changeable button assemblies make for easy engraving changes.
- Solid metal faceplate that snaps on with no visible means of attachment.
- Available in Field-Paintable finish to easily match any color.
- 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.

- Signature Series keypads may be mounted in a door jamb without the use of a wallbox, or may be wall-mounted using Lutron® wallbox P/N WBOX-SA1-Q1.

**System Communications and Capacity**

- Low-voltage Class 2/PELV wiring connects keypads to processor.
- Each HomeWorks Wired Processor has three configurable links, each capable of directly controlling up to 32 keypads.

**Environment**

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

**Warranty**

- 8 Year Limited Warranty.

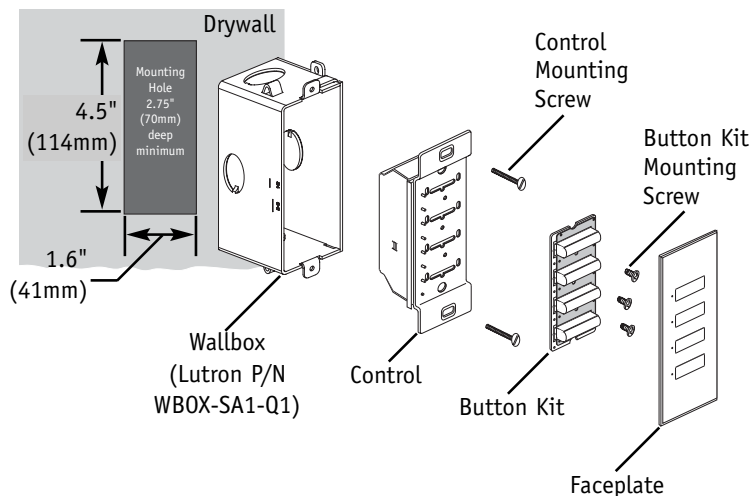
**COLOR / FINISH CODES**

Faceplate Color	(code)	Button Color
<b>Matte Finishes*</b>		
White†	(WH)	White
Field-Paintable	(FP)	Black
<b>Metal Finishes</b>		
Bright Brass	(BB)	Black
Bright Chrome	(BC)	Black
Satin Nickel	(SN)	Black
24K Gold	(AU)	Black
Unfinished Brass	(UB)	Black

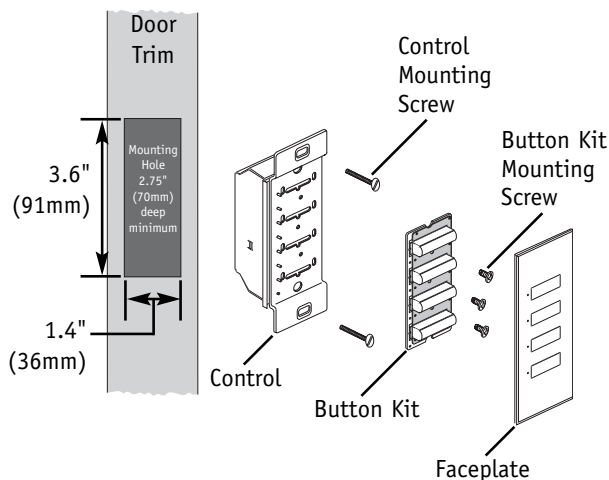
\* Matte finish on metal faceplate.  
 † Available with Monterey (Green LEDs) only.

**MOUNTING**

**With wallbox**



**Without wallbox**



JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	

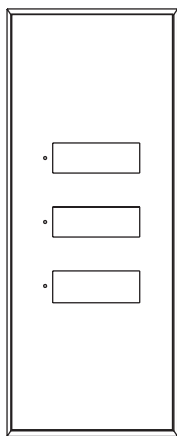
**ORDERING PROCESS**

Choose the number of buttons desired. Choose LED color (green or blue). Order desired Signature Series Keypad. When the customer determines final engraving, Button Kits are ordered. "XX" in the model number denotes Color/Finish Code for Signature Series Keypad. A 3-button keypad may not be converted to a 4-button keypad. Similarly, a 4-button keypad may not be converted to a 3-button keypad.

**BACKLIGHTING**

The backlighting on Black buttons illuminates the engraved text. The backlighting on White buttons illuminates the entire button (the text is opaque).

**KEYPADS**

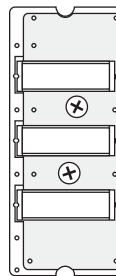


**3 Button**

**Monterey (Green indicator lights)**  
HWS-3B-G-XX

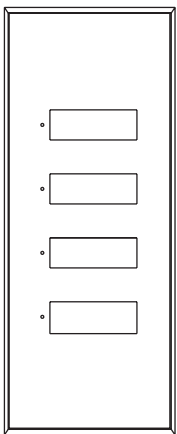
**Monaco (Blue indicator lights)**  
HWS-3B-B-XX

**BUTTON KITS**



**3 Button**

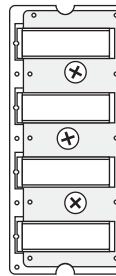
HKS-3B-WH-E White (Monterey only)  
HKS-3B-BL-E Black



**4 Button**

**Monterey (Green indicator lights)**  
HWS-4B-G-XX

**Monaco (Blue indicator lights)**  
HWS-4B-B-XX



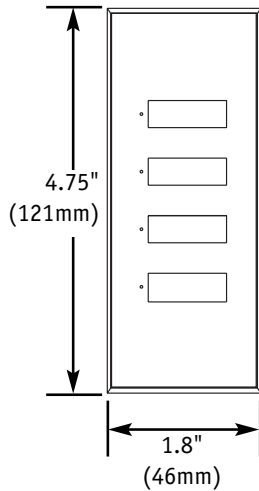
**4 Button**

HKS-4B-WH-E White (Monterey only)  
HKS-4B-BL-E Black

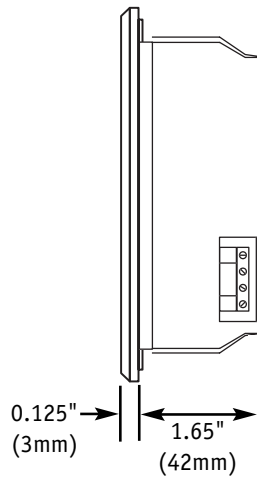
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**DIMENSIONS**

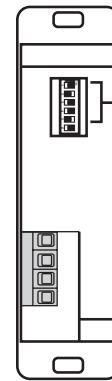
**Front View**



**Side View**



**Rear View**



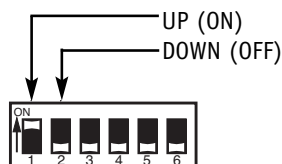
DIP switches 1-5 for setting address, DIP switch 6 does not affect keypad address.

**DIP SWITCHES**

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

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

Example: Setting Switch #1 ON.

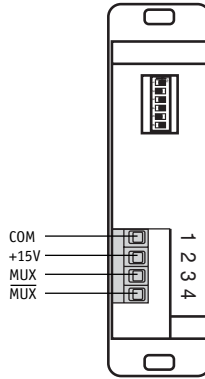


<b>JOB NAME:</b>	<b>MODEL NUMBERS:</b>
<b>JOB NUMBER:</b>	

**WIRING**

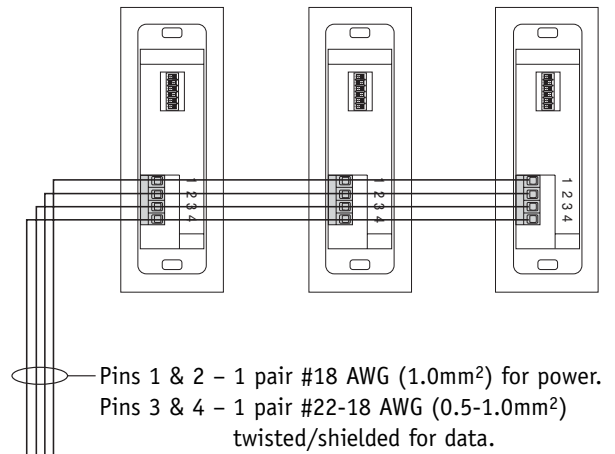
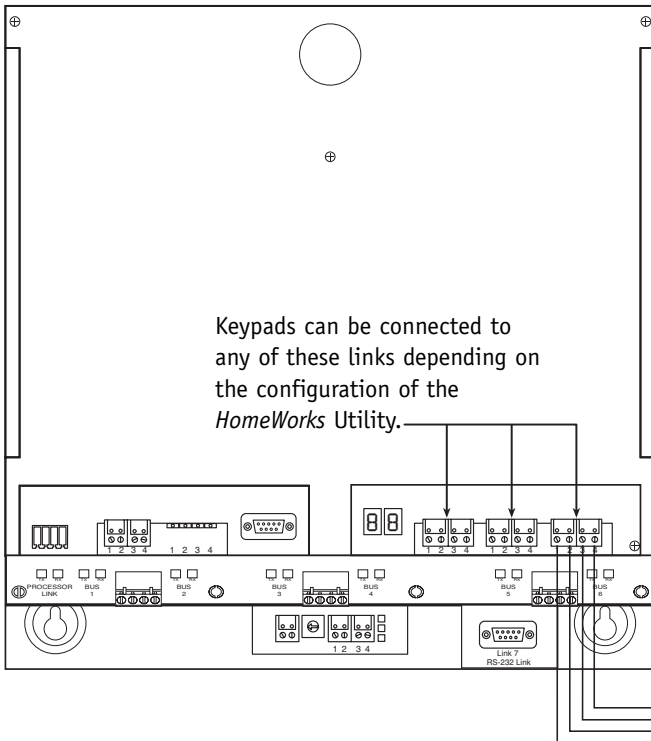
Keypad wiring may be in a daisy-chain, star or t-tap configuration. Each home run on a link may be up to 1,000 ft. (305m) and may contain up to 10 keypad devices. The total length of wire on each link (all home runs) may be up to 4,000 ft. (1220m). Up to 32 keypad devices may be placed on each processor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

Class 2/PELV wiring connections to *HomeWorks* Wired Processor or other keypads.



**WIRE TYPE**

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



JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	