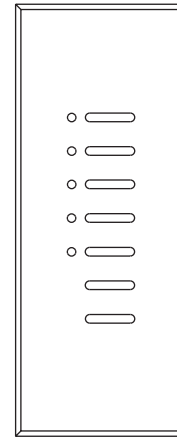


HomeWorks[®] QS Wired Architrave™ Keypads

HomeWorks[®] QS Wired Architrave™ keypads provide homeowners with a simple and elegant way to operate lights, shades/draperies, motorized screens, thermostats, and many other devices.

Replacement faceplates are available in a variety of colors and with custom engraving to clearly identify each button's function.

All HomeWorks[®] QS Wired Architrave™ models have two contact closure inputs on the back of the unit which provide independent functions from the front buttons.



HomeWorks[®] QS Wired Architrave™ architectural keypads are available in multiple configurations, shown on the following page.

HomeWorks® QS Wired Architrave™ Keypads

Model Numbers

Base Units

HQWA-KP5-DW-WH*	Door Wide, 5-Button Raise/Lower keypad without faceplate
HQWA-KP5-DW-BL*	Door Wide, 5-Button Raise/Lower keypad without faceplate
HQWA-KP5-DN-WH*	Door Narrow, 5-Button Raise/Lower keypad without faceplate
HQWA-KP5-DN-BL*	Door Narrow, 5-Button Raise/Lower keypad without faceplate
HQWA-KP7-DW-WH*	Door Wide, 7-Button keypad without faceplate
HQWA-KP7-DW-BL*	Door Wide, 7-Button keypad without faceplate
HQWA-KP7-DN-WH*	Door Narrow, 7-Button keypad without faceplate
HQWA-KP7-DN-BL*	Door Narrow, 7-Button keypad without faceplate

* "WH" in the model number represents white buttons; "BL" in the model number represents black buttons.

Replacement Faceplates

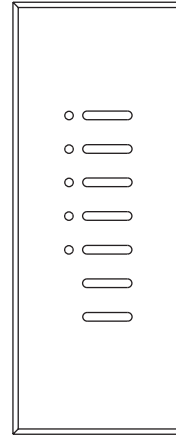
AR-M4-DW-XX**-E	Door Wide, 5-Button Raise/Lower replacement faceplate
AR-M4-DN-XX**-E	Door Narrow, 5-Button Raise/Lower replacement faceplate
AR-M16-DW-XX**-E	Door Wide, 7-Button replacement faceplate
AR-M16-DN-XX**-E	Door Narrow, 7-Button replacement faceplate

** "XX" in the model number represents color/finish code. See **Colors and Finishes**, page 7.

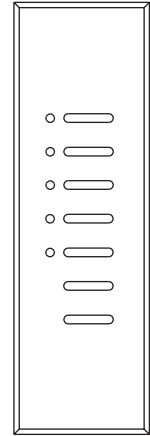
Notes

HomeWorks® QS Wired Architrave™ keypads have green status LEDs. Contact Lutron® Customer Service for availability of custom LED colors.

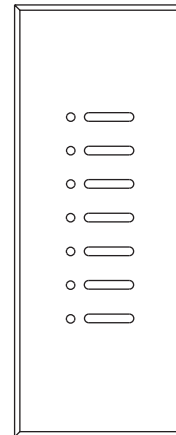
Contact Lutron® Customer Service at 1.888.LUTRON1 for Multigang Installations



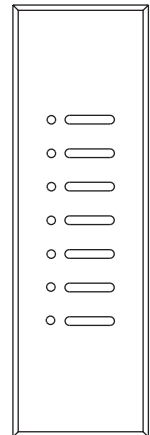
AR-M4-DW-XX



AR-M4-DN-XX



AR-M16-DW-XX



AR-M16-DN-XX

HomeWorks® QS Wired Architrave™ Keypads

Specifications

Model Numbers	See page 2 for a complete list of model numbers
Power	24–36 V $\overline{=}$ 30 mA, SELV/PELV/NEC® Class 2
Typical Power Consumption	0.6 W; 1 Power Draw Unit (PDU). Test conditions: all backlights on medium intensity, two LEDs on (two presets active), keypad powered at 24 V $\overline{=}$
Environment	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only
Communications	Connects to QS wired device link on HomeWorks® QS processor.
ESD Protection	Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2
Surge Protection	Tested to withstand surge voltages without damage or loss of operation, in accordance with IEC 61000-4-5
Power Failure	Power failure memory: should power be interrupted, the keypad will return to its previous state when power is restored
Mounting	Architrave™ Wallbox P/N 241399 (sold separately): 4.4 in (111.76 mm) tall x 1.25 in (31.75 mm) wide x 2.75 in (69.85 mm) deep
Wiring	Control wire must be 1 pair 18 AWG (1.0 mm ²) SELV/PELV/NEC® Class 2 for power and 1 pair 22 AWG to 18 AWG (0.5 mm ² to 1.0 mm ²) SELV/PELV/NEC® Class 2 twisted/shielded for data (see <i>Wiring</i> , page 6)
Warranty	www.lutron.com/TechnicalDocumentLibrary/Warranty.pdf

Design Features

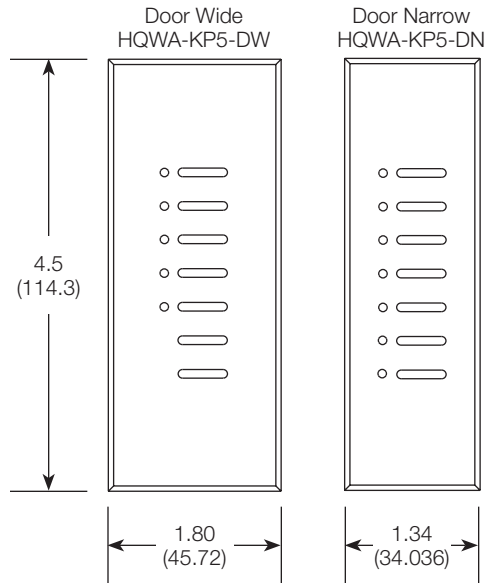
- All terminal block inputs are over-voltage and miswire-protected against wire reversals and shorts.
- Field-changeable replacement faceplates promote easy color customization and engraving.
- Keypads have green status LEDs.

HomeWorks[®] QS Wired Architrave™ Keypads

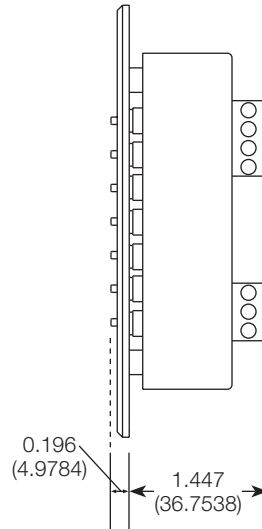
Dimensions

All dimensions are shown as: in (mm)

Front View



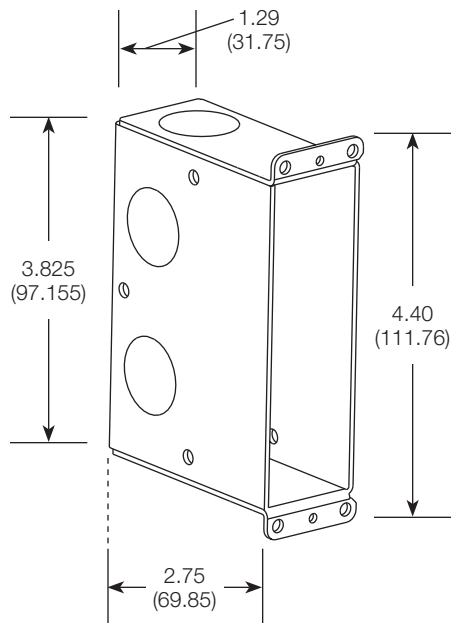
Side View



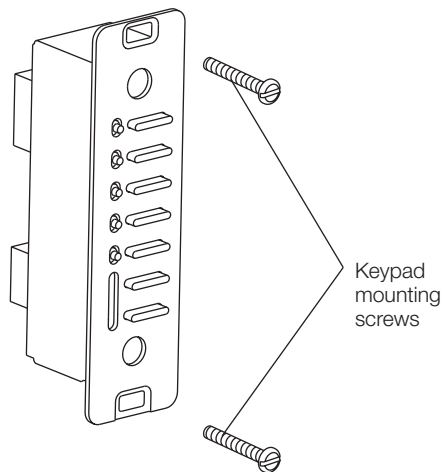
Mounting and Parts Identification

All dimensions are shown as: in (mm)

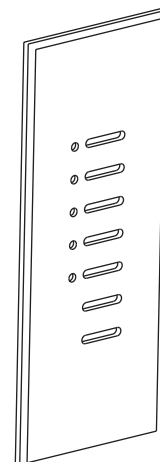
Architrave™ Wallbox
P/N 241399 (Sold separately)



Keypad

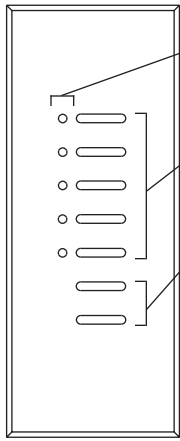


Faceplate



HomeWorks[®] QS Wired Architrave™ Keypads

Operation

**Status LEDs***

Show which keypad button has been activated.

Keypad Buttons

Press to activate desired levels or positions.

Raise/Lower Buttons**

Press to increase or decrease intensity of room lights and move shades/draperies towards the open or close limit.

* Keypads have green status LEDs. Contact Lutron[®] Customer Service for availability of custom LED colors.

** Raise/Lower buttons do not have a status LED.

HomeWorks[®] QS Wired Architrave™ Keypads

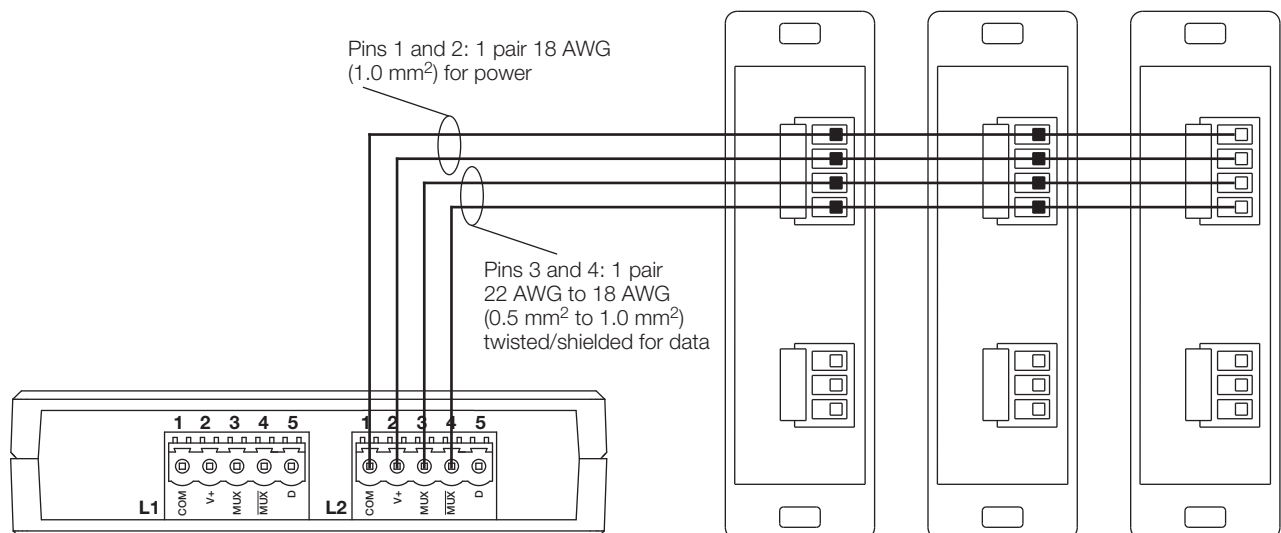
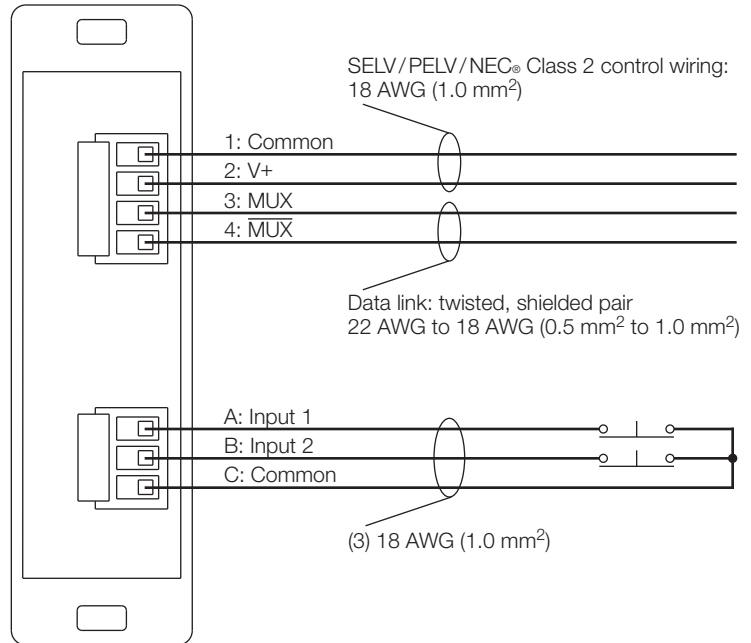
Wiring

Wiring Notes

- Keypad wiring may be in a daisy-chain, star, or T-tap configuration.
- The total length of wire on a HomeWorks[®] QS wired link is not to exceed 2000 ft (610 m).
- Up to 100 devices can be connected to the HomeWorks[®] QS wired link. This can include seeTouch[®] keypads along with other devices as defined in the HomeWorks[®] QS software.
- An external power supply may be required, depending on the total current draw of all wired devices on the processor link.

Contact Closure Input

- Inputs must be dry contact closure, solid-state, open collector, or active-low (NPN) /active-high (PNP) output.
 - Open collector NPN or active-low on-state voltage must be less than 2 V_{DC} and sink 3.0 mA.
 - Open collector PNP or active-high on-state voltage must be greater than 12 V_{DC} and source 3.0 mA.
- Keypad is miswire protected up to 36 V_{DC}.
- Outputs must stay in the closed or open states for at least 40 msec in order to be recognized by the keypad.



Note: Use Lutron[®] cable GRX-CBL-346S-500.

HomeWorks® QS Wired Architrave™ Keypads

Colors and Finishes

Architectural Matte Finishes (metal)

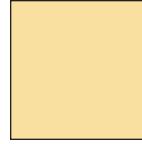


White
WH

Architectural Metal Finishes (faceplates only)



Satin Brass
SB



Bright Brass
BB



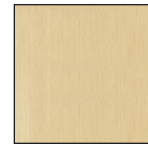
Bright Chrome
BC



Clear Anodized
Aluminum
CLA



Black Anodized
Aluminum
BLA



Brass Anodized
Aluminum
BRA



Antique Brass
QB



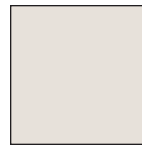
Antique Bronze
QZ



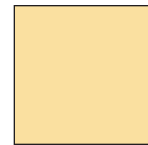
Satin Chrome
SC



Satin Nickel
SN



Bright Nickel
BN



Gold
AU

- Due to printing limitations, colors and finishes shown cannot be guaranteed to match actual product colors perfectly.
- Color chip keychains are available for more precise color matching:
 - Architectural Matte Finishes: AM-CK-1
 - Architectural Metal Finishes: AMTL-CK-1
- When ordering metal faceplates, it is recommended that you order the keypad with black (BL) buttons.