HomeWorks QS Wired Palladiom Keypad

The HomeWorks QS wired Palladiom keypad allows the user to control lights, shades/draperies, temperature, and 3rd-party equipment. The keypad is wired to a HomeWorks QS processor on the QS link. Large buttons are easy to use and button engraving is easy to read. Buttons with white, backlit engraving make it easy to find and operate the keypad in low light conditions. Keypads are available in a variety of colors, finishes, and button marking options. Status of active button press or scene is indicated through intensity of backlighting which is configurable through the HomeWorks QS software. Dynamic Backlighting Management (DBM) automatically adjusts backlight intensity based on ambient lighting conditions. It can also be programmed in the HomeWorks QS software to adjust intensity by time of day or button presses.

Model Numbers
See How to Build a Model Number (Keypads).
HomeWorks QS Wired Palladiom Keypad

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model Numbers</strong></td>
<td>See How to Build a Model Number (Keypads).</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>24 – 36 V== 30 mA</td>
</tr>
<tr>
<td><strong>Typical Power Consumption</strong></td>
<td>0.7 W</td>
</tr>
<tr>
<td><strong>Test conditions</strong>: all backlights on medium intensity, two LEDs on (two presets active), keypad powered at 24 V==</td>
<td></td>
</tr>
<tr>
<td><strong>Regulatory Approvals</strong></td>
<td>Lutron Quality Systems registered to ISO 9001:2015. Complies with UL 508; IEC 60669-2-1; and CSA C22.22 No. 14-13</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td>Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% non-condensing relative humidity. Indoor use only.</td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>SELV/PELV/NEC® Class 2 wiring connects keypads to other devices on the QS link. Each keypad counts as 1 device on the QS link. Each keypad column consumes 1 Power Draw Unit (PDU) on the QS link. For complete information, see “Power Draw Units on the QS link” (Lutron P/N 369405).</td>
</tr>
<tr>
<td><strong>ADA Standard</strong></td>
<td>Control operation complies with ADA standards for an accessible design.</td>
</tr>
<tr>
<td><strong>ESD Protection</strong></td>
<td>Meets IEC 801-2. Tested to withstand 15 kV electrostatic discharge without damage or memory loss.</td>
</tr>
<tr>
<td><strong>Power Failure</strong></td>
<td>Power failure memory: should power be interrupted, the keypad will return to its previous state when power is restored.</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Typical U.S. style wallbox dimensions: 3.7 in (95 mm) H × 1.8 in (46 mm) W × 2.8 in (70 mm) D. Typical square style wallbox dimensions: 75 mm H × 75 mm W × ≥25 mm D. Typical round style wallbox dimensions: Φ68 mm × ≥25 mm D. See Mounting on page 11 for more details.</td>
</tr>
<tr>
<td><strong>Wiring</strong></td>
<td>SELV/PELV/NEC® Class 2</td>
</tr>
<tr>
<td><strong>Terminals</strong></td>
<td>Each terminal accepts up to two 18 AWG (1.0 mm²) wires.</td>
</tr>
</tbody>
</table>

Design Features

- Adjustable back-light intensity.
- Faceplate snaps on with no visible means of attachment.
- Use Faceplate or Button Kits to change color or engraving.
- Field-changeable button and faceplate assemblies allow for customization. See How to Build a Model Number (Button Kits) as some restrictions apply.
- IP20 Rating.
HomeWorks QS Wired Palladiom Keypad

Dimensions

U.S. Style - Plastic, Glass, or Metal Finish
Measurements shown as: in (mm)

1-Gang

Front View

- Plastic: 2.8 (71.0)
- Glass: 4.71 (119.5)
- Metal: 4.69 (119.0)

Side View

- Plastic*: 0.354 (8.9)
- Glass*: 0.406 (10.3)
- Metal*: 0.375 (9.5)

2-Gang

Front View

- Plastic: 4.77 (121.0)
- Glass: 4.75 (120.5)
- Metal: 4.8 (122.0)

Side View

- Plastic*: 0.354 (8.9)
- Glass*: 0.406 (10.3)
- Metal*: 0.375 (9.5)

* Wallbox installation will affect this dimension.

(continued on next page...)

Customer Assistance:
1.844.LUTRON1 (U.S.A. / Canada)
+44.(0)20.7680.4481 (Europe)
HomeWorks QS Wired Palladiom Keypad

Dimensions (continued)

U.S. Style - Plastic, Glass, or Metal Finish (continued)
Measurements shown as: in (mm)

3-Gang
Front View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.69</td>
<td>4.69</td>
<td>4.74</td>
</tr>
<tr>
<td></td>
<td>(119.0)</td>
<td>(119.0)</td>
<td>(120.0)</td>
</tr>
<tr>
<td></td>
<td>6.58</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(167.0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(166.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6.61</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(168.0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Side View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>0.4</td>
<td>0.375</td>
</tr>
<tr>
<td></td>
<td>(9.0)</td>
<td>(9.0)</td>
<td>(9.5)</td>
</tr>
<tr>
<td></td>
<td>1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(39.0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4-Gang
Front View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.69</td>
<td>4.69</td>
<td>4.74</td>
</tr>
<tr>
<td></td>
<td>(119.0)</td>
<td>(119.0)</td>
<td>(120.0)</td>
</tr>
<tr>
<td></td>
<td>8.37</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(212.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8.38</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(213.0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8.42</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(214.0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Side View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>0.4</td>
<td>0.375</td>
</tr>
<tr>
<td></td>
<td>(9.0)</td>
<td>(9.0)</td>
<td>(9.5)</td>
</tr>
<tr>
<td></td>
<td>1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(39.0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Wallbox installation will affect this dimension.
## HomeWorks QS Wired Palladiom Keypad

### Dimensions (continued)

Square Style - Plastic, Glass, or Metal Finish

Measurements shown as: mm (in)

#### 1-Column

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td>94.5</td>
<td>94.0</td>
<td>95.5</td>
</tr>
<tr>
<td></td>
<td>(2.8)</td>
<td>(3.72)</td>
<td>(3.71)</td>
</tr>
</tbody>
</table>

Front View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>94.5</td>
<td>94.0</td>
<td>95.5</td>
</tr>
<tr>
<td></td>
<td>(1.3)</td>
<td>(3.72)</td>
<td>(3.71)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Side View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.5</td>
<td>0.4</td>
<td>0.4</td>
</tr>
<tr>
<td></td>
<td>(39.0)</td>
<td>(1.6)</td>
<td>(0.9)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.354</td>
<td>0.406</td>
<td>0.375</td>
</tr>
<tr>
<td></td>
<td>(8.9)</td>
<td>(10.0)</td>
<td>(8.9)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>0.424</td>
<td>0.445</td>
</tr>
<tr>
<td></td>
<td>(9.0)</td>
<td>(11.0)</td>
<td>(11.0)</td>
</tr>
</tbody>
</table>

#### 2-Column

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>94.5</td>
<td>94.0</td>
<td>95.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(3.72)</td>
<td>(3.71)</td>
<td>(3.76)</td>
</tr>
</tbody>
</table>

Front View

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>102.0</td>
<td>101.5</td>
<td>103.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4.03)</td>
<td>(4.0)</td>
<td>(4.1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.424</td>
<td>0.475</td>
<td>0.445</td>
</tr>
<tr>
<td></td>
<td>(11.0)</td>
<td>(12.0)</td>
<td>(11.0)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>0.4</td>
<td>0.4</td>
</tr>
<tr>
<td></td>
<td>(1.6)</td>
<td>(1.6)</td>
<td>(1.6)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.354</td>
<td>0.406</td>
<td>0.375</td>
</tr>
<tr>
<td></td>
<td>(8.9)</td>
<td>(10.0)</td>
<td>(8.9)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>0.424</td>
<td>0.445</td>
</tr>
<tr>
<td></td>
<td>(9.0)</td>
<td>(11.0)</td>
<td>(11.0)</td>
</tr>
</tbody>
</table>

* Wallbox installation will affect this dimension.
**HomeWorks QS Wired Palladiom Keypad**

**Dimensions (continued)**

Square Style - Plastic, Glass, or Metal Finish (continued)

Measurements shown as: mm (in)

<table>
<thead>
<tr>
<th>4-Column</th>
<th>Front View</th>
<th>Plastic</th>
<th>Glass</th>
<th>Metal</th>
<th>Side View</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>94.0 (3.71)</td>
<td>94.0 (3.71)</td>
<td>95.5 (3.76)</td>
<td>1.5 (39.0)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>194.0 (7.64)</td>
<td>193.5 (7.62)</td>
<td>195.3 (7.69)</td>
<td>0.4 (9.0)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plastic * 0.354 (8.9)</td>
<td>Glass * 0.406 (10.0)</td>
<td>Metal * 0.375 (9.5)</td>
<td></td>
</tr>
</tbody>
</table>

* Wallbox installation will affect this dimension.
HomeWorks QS Wired Palladiom Keypad

How to Build a Model Number

Keypads

HQWT – U – P2 W – WH – E

System Type
HQWT: HomeWorks QS

Faceplate Options
B: Base Unit without Faceplate*
U: U.S. Style
S: Square Style
* Base units are not interchangeable between plastic, metal, and glass.

Button Configurations
1-Gang/Column, U.S. or Square Style
P2: 2-Button
P3: 3-Button
P4: 4-Button
PR: 3-Button with Raise/Lower

2-Column Square Style
Left Column | Right Column
P22: 2-Button | 2-Button
P24: 2-Button | 4-Button
P2R: 2-Button | 3-Button with Raise/Lower
PR2: 3-Button with Raise/Lower | 2-Button
PRR: 3-Button with Raise/Lower | 3-Button with Raise/Lower
P42: 4-Button | 2-Button
P44: 4-Button | 4-Button
P4R: 4-Button | 3-Button with Raise/Lower
PR4: 3-Button with Raise/Lower | 4-Button

Backlighting
W: White

Colors and Finishes
Architectural Matte Finishes
AL: Almond
BE: Beige
BL: Black
BR: Brown
GR: Gray
IV: Ivory
LA: Light Almond
SI: Sienna
TP: Taupe
WH: White

Architectural Metal Finishes
BB: Bright Brass
BC: Bright Chrome
BN: Bright Nickel
PG: Polished Graphite
QB: Antique Brass
SB: Satin Brass
SC: Satin Chrome
SN: Satin Nickel

Glass Finish
CBL: Clear Black Glass
CWH: Clear White Glass

Engraving
See Engraving Options for more details

Omit: Generic engraving and custom buttons*
E: Predefined custom engraving**
* Ships with engraving credit to allow future engraving.
** Customer must provide engraving details at time of order.

Customer Assistance:
1.844.LUTRON1 (U.S.A. / Canada)
+44.020.7680.4481 (Europe)

www.lutron.com/support
# HomeWorks QS Wired Palladiom Keypad

## How to Build a Model Number (continued)

### Button Kits

Use Button Kits to change color, button configuration, and engraving. Each Button Kit includes a button assembly.

### Button Configurations

<table>
<thead>
<tr>
<th>Family</th>
<th>PBT: Palladiom Button Kit</th>
</tr>
</thead>
</table>

### Backlighting

<table>
<thead>
<tr>
<th>W</th>
<th>WH</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Engraving

See [Engraving Options](#) for more details

- **E**: Predefined project engraving*

  * Customer must provide engraving details at time of order.

### Colors and Finishes

**Architectural Matte Finishes**

- **AL**: Almond
- **BE**: Beige
- **BL**: Black
- **BR**: Brown
- **GR**: Gray
- **IV**: Ivory
- **LA**: Light Almond
- **SI**: Sienna
- **TP**: Taupe
- **WH**: White

**Architectural Metal Finishes**

- **BB**: Bright Brass
- **BC**: Bright Chrome
- **BN**: Bright Nickel
- **PG**: Polished Graphite
- **QB**: Antique Brass
- **SB**: Satin Brass
- **SC**: Satin Chrome
- **SN**: Satin Nickel

**Glass Finish**

- **CBL**: Clear Black Glass
- **CWH**: Clear White Glass

### Field Changes

**Button engraving changes**

Any keypad can have its buttons swapped in the field to change the engraving (e.g., 2-Button swapped for engraved 2-Button).

**Button configuration changes**

For easy system configuration changes, a 3-Button with Raise/Lower may be swapped in the field for a 4-Button.
HomeWorks QS Wired Palladiom Keypad

How to Build a Model Number (continued)

Faceplate Kits
Use Faceplate Kits to change color and ganging. Each Faceplate Kit includes a faceplate adapter and faceplate.

LWT – U – P – WH

Family
LWT: Palladiom Faceplate Kit

Faceplate Options
U: U.S. Style
S: Square Style

Gangs* and Openings
P**: Palladiom Keypad

* Palladiom Keypads do not gang with other devices of different sizes (e.g., Maestro or GRAFIK T controls).
** Repeat the letter designation “P” (4 maximum) for each opening (e.g., 1-gang = P, 2-gang = PP). See How to Select a Palladiom Keypad.

Colors and Finishes
Finishes for buttons and faceplates must always match (e.g., matte plastic buttons with matte plastic faceplate, metal buttons with metal faceplate).

Architectural Matte Finishes
AL: Almond
BE: Beige
BL: Black
BR: Brown
GR: Gray
IV: Ivory
LA: Light Almond
SI: Sienna
TP: Taupe
WH: White

Architectural Metal Finishes
BB: Bright Brass
BC: Bright Chrome
BN: Bright Nickel
SB: Satin Brass
SC: Satin Chrome
PG: Polished Graphite
QB: Antique Brass
SN: Satin Nickel

Glass Finish
CBL: Clear Black Glass
CWH: Clear White Glass
Engraving Options

The Palladiom Keypad has engraving options ideal for many scenarios. The following information will help you determine which engraving option is best-suited to your needs.

Predefined Custom Engraving
Predefined project engraving is for instances when the customer knows the engraving details at the time of purchase and does not wish to order two sets of button kits. To select this option, use engraving option “E” when ordering the keypad.

Note: Orders cannot be processed until engraving information is received.

Generic Engraving and Post-Defined Custom Engraving
When engraving details are not known or specified at the time an order is placed, the generic engraving icons shown below will be sent to provide the customer with a usable keypad until the custom engraving details are determined. This keypad will be shipped with an engraving credit for ordering a custom-engraved button kit at a later time.
HomeWorks QS Wired Palladiom Keypad

How to Select a Palladiom Keypad

Examples of keypad and faceplate configurations are shown below.

### U.S. Style

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Quantity</th>
<th>Assembled</th>
<th>Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Gang Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-U-P4W-WH</td>
<td>1</td>
<td>Yes</td>
<td>U.S. Wallbox</td>
</tr>
<tr>
<td>2-Gang Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-B-P4W-WH</td>
<td>2</td>
<td>No*</td>
<td>U.S. Wallbox</td>
</tr>
<tr>
<td>LWT-U-PP-WH</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Gang Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-B-P4W-WH</td>
<td>3</td>
<td>No*</td>
<td>U.S. Wallbox</td>
</tr>
<tr>
<td>LWT-U-PPP-WH</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-Gang Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-B-P2W-WH</td>
<td>4</td>
<td>No*</td>
<td>U.S. Wallbox</td>
</tr>
<tr>
<td>LWT-U-PPP-WH</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Square Style

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Quantity</th>
<th>Assembled</th>
<th>Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Column Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-S-P4W-WH</td>
<td>1</td>
<td>Yes</td>
<td>Square or Round Wallbox</td>
</tr>
<tr>
<td>2-Column Keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HQWT-S-P2W-WH</td>
<td>1</td>
<td>Yes</td>
<td>Square or Round Wallbox</td>
</tr>
<tr>
<td>LWT-S-PPP-WH</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Model numbers must be ordered as separate pieces and assembled. See Keypad Assembly.

Customer Assistance:
1.844.LUTRON1 (U.S.A. / Canada)
+44.(0)20.7680.4481 (Europe)
HomeWorks QS Wired Palladiom Keypad

Keypad Assembly

Tools Required: Phillips head screwdriver (not included)
1. Place button kit on back of faceplate.
2. Align bulk unit over button kit and faceplate.
3. Assemble using 4 screws (provided).
4. Repeat steps 1–3 for each base unit.
HomeWorks QS Wired Palladiom Keypad

Mounting

U.S. Style

1-Gang

2-Gang

Back View

(continued on next page…)

Customer Assistance:
1.844.LUTRON1 (U.S.A./Canada)
+44.(0)20.7680.4481 (Europe)
HomeWorks QS Wired Palladiom Keypad

Mounting (continued)

U.S. Style (continued)

3-Gang

(continued on next page…)

Customer Assistance:
1.844.LUTRON1 (U.S.A./Canada)
+44.(0)20.7680.4481 (Europe)
HomeWorks QS Wired Palladiom Keypad

Mounting (continued)

U.S. Style (continued)

4-Gang

(continued on next page…)

Customer Assistance:
1.844.LUTRON1 (U.S.A. / Canada)
+44.(0)20.7680.4481 (Europe)
HomeWorks QS Wired Palladiom Keypad

Mounting (continued)

Square Style (Square or Round Wallbox*)

1-Column

Two horizontal screws must be used.

2-Column

Two vertical screws must be used.

Note: 2-column base unit shown with 2-column faceplate. 1 + 1 keypad configuration will not fit with a U.K. or European backbox.

* Use wallbox with 4 available mounting screw holes for maximum flexibility.
HomeWorks QS Wired Palladiom Keypad

Mounting (continued)

Square Style (Square or Round Wallbox) (continued)

4-Column*
Measurements shown as: mm (in)

* Use wallbox with 4 available mounting screw holes for maximum flexibility.
HomeWorks QS Wired Palladiom Keypad

**QS Link Wiring**

- Use SELV/PELV/NEC® Class 2 wiring to connect keypads to the QS link.
- Connect two 22 AWG (0.5 mm²) shielded, twisted pairs of wires to terminals 3 and 4 of the keypad control link connector. Shielding (drain) of the twisted-pair wires must be connected together as shown, but do not connect the shielding to earth/ground or to the keypad and do not allow the shielding to contact the grounded wallbox.
- The total length of wire on a QS wired link is not to exceed 2000 ft (610 m).

**Note:** Use appropriate wire connecting devices as specified by local codes.

- Each base unit model number counts as 1 device on the QS link.
- Each button column of a QS wired Palladiom Keypad consumes 1 power draw unit (PDU) on the QS link. For complete information, see “Power Draw Units on the QS Link” (Lutron P/N 369405).

---

**SELV/PELV/NEC® Class 2:** One or two 18 AWG (1.0 mm²)
1: Common (Black)
2: V+ (Red)

**Data Link:** One Shielded, Twisted Pair 1.0 mm² to 0.5 mm² (18 AWG to 22 AWG)
3: MUX (Purple)
4: MUX (White)

Drain/Shield
HomeWorks QS Wired Palladiom Keypad

Colors and Finishes

Architectural Matte Finishes
- White WH
- Ivory IV

Architectural Metal Finishes
- Satin Brass SB
- Bright Brass BB
- Polished Graphite PG

- Satin Nickel SN
- Bright Nickel BN
- Antique Brass* QB

Glass Finish
- Satin Chrome SC
- Bright Chrome BC
- Clear White Glass CWH
- Clear Black Glass CBL

- Taupe TP

• Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.

• Color chip keychains are available for more precise color matching:
  - Architectural Matte Finishes: AM-CK-1
  - Architectural Metal Finishes: AMTL-CK-1

* Antique Brass is a handcrafted finish that is created using a manual relief process. This artisanal process can result in variations in luster, hue and appearance.

Lutron, GRAFIK T, myRoom, Palladiom, Quantum, and Maestro are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries.

NEC is a registered trademark of National Fire Protection Association, Quincy, Massachusetts.

Customer Assistance:
1.844.LUTRON1 (U.S.A./Canada)
+44.(0)20.7680.4481 (Europe)

www.lutron.com/support