

### Color and Engraving Codes

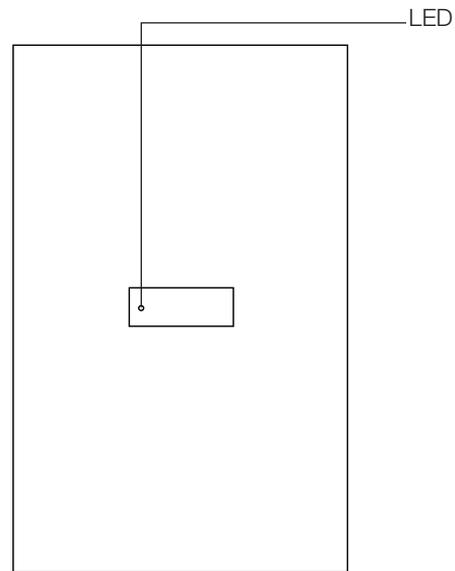
QSW2-1BN-\_\_\_ - \_\_\_

QSW2-1BI-\_\_\_ - \_\_\_

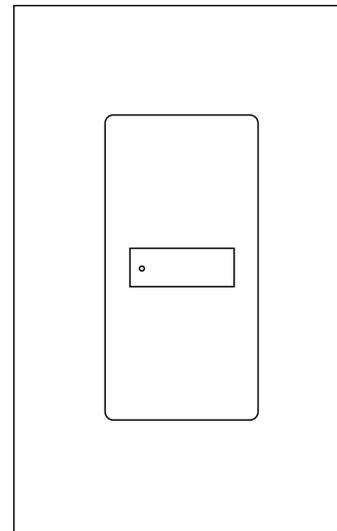
### 1-Button Wallstation

#### Description

- Offers toggle functionality for any combination of zone(s) in the system.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.



QSW2-1BN-WH  
(Non-insert version)



QSW2-1BI-WH  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

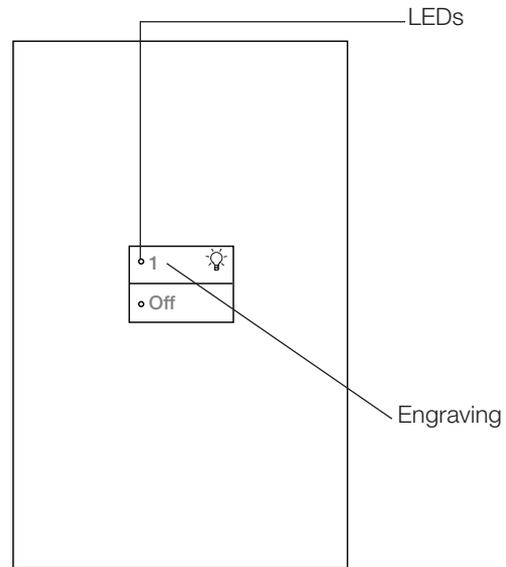
QSW2-2BN-\_\_\_-\_\_\_

QSW2-2BI-\_\_\_-\_\_\_

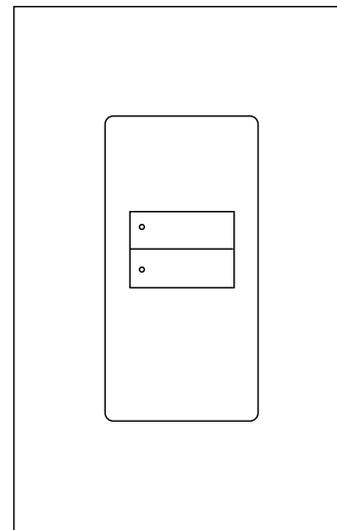
### 2-Button Wallstation

#### Description

- Often used in entryways to select Scene 1 and Off.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.



QSW2-2BN-WH-EGN  
(Non-insert version)



QSW2-2BI-WH  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

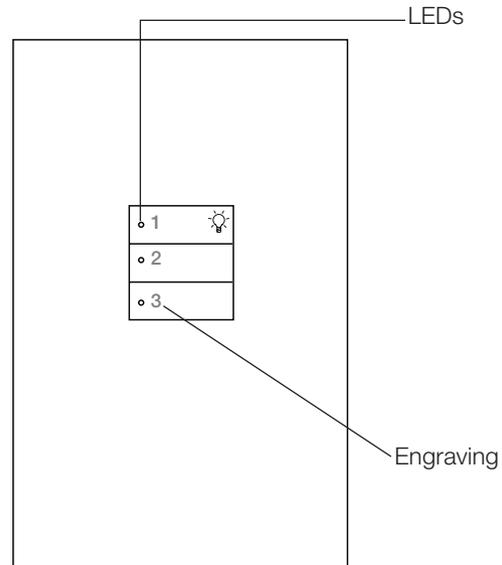
QSW2-3BN-\_\_\_-\_\_\_

QSW2-3BI-\_\_\_-\_\_\_

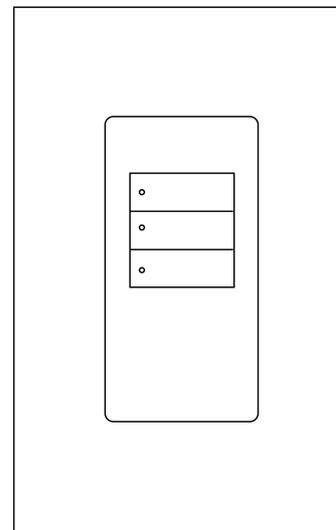
### 3-Button Wallstation

#### Description

- Often used to select scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.



QSW2-3BN-WH-EGN  
(Non-insert version)



QSW2-3BI-WH  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

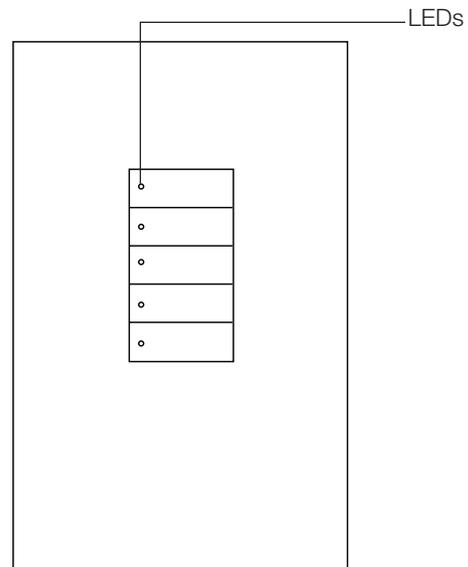
QSWS2-5BN-\_\_\_\_-\_\_\_\_

QSWS2-5BI-\_\_\_\_-\_\_\_\_

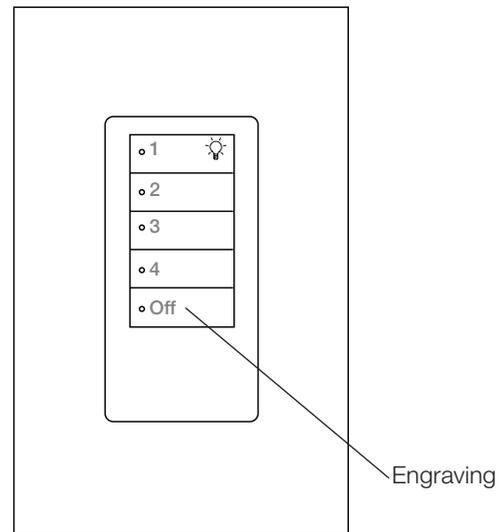
#### 5-Button Wallstation

##### Description

- Often used to select between 4 scenes and Off.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.



QSWS2-5BN-WH  
(Non-insert version)



QSWS2-5BI-WH-EGN  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

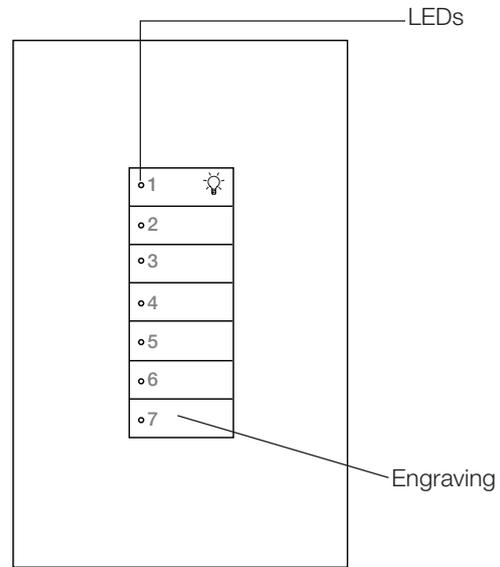
QSWS2-7BN-\_\_\_\_-\_\_\_\_

QSWS2-7BI-\_\_\_\_-\_\_\_\_

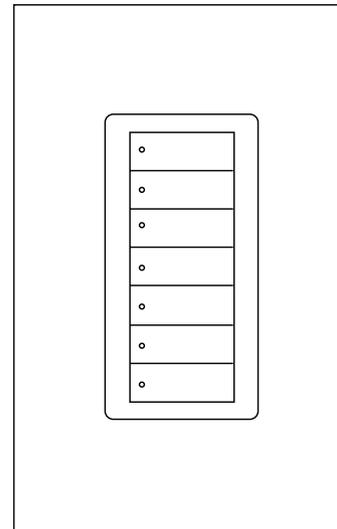
### 7-Button Wallstation

#### Description

- Often used to select scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.



QSWS2-7BN-WH-EGN  
(Non-insert version)



QSWS2-7BI-WH  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

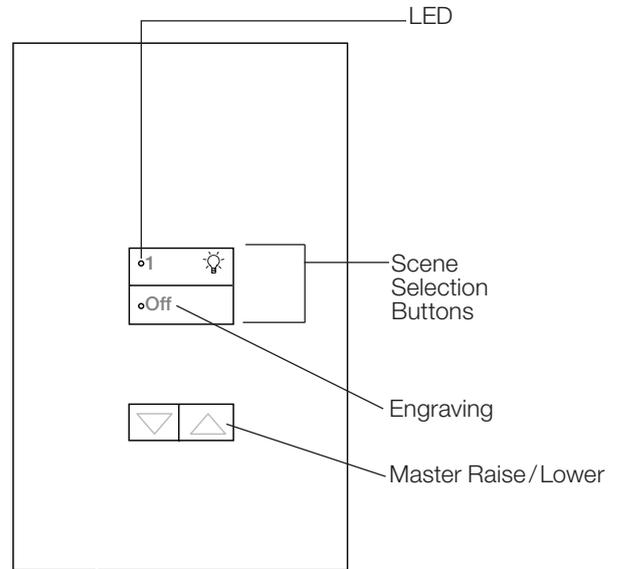
QSWS2-2BRLN-\_\_\_\_-\_\_\_\_

QSWS2-2BRLI-\_\_\_\_-\_\_\_\_

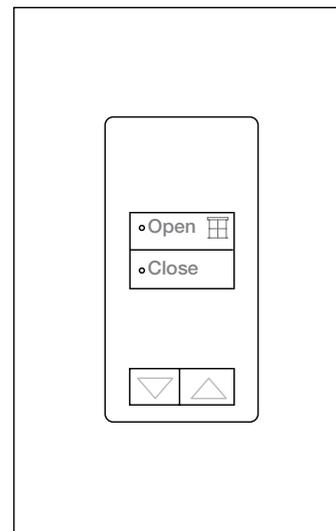
### 2-Button Wallstation with Raise/Lower

#### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.



QSWS2-2BRLN-WH-EGN  
(Non-insert version)



QSWS2-2BRLI-WH-E01  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

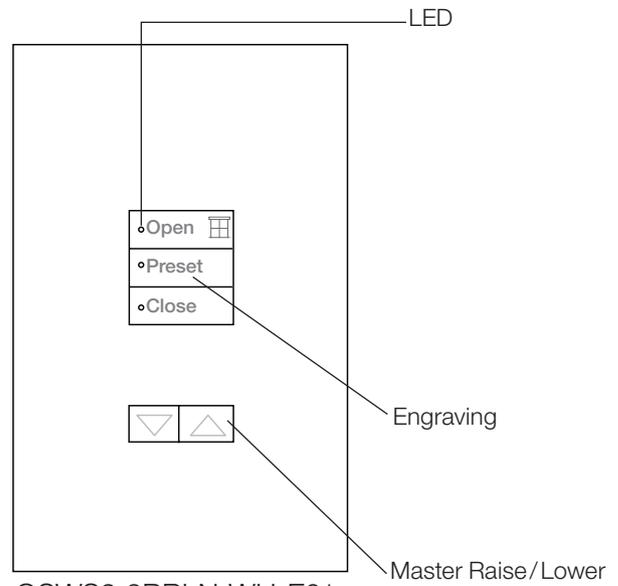
QSW2-3BRLN-\_\_\_\_-\_\_\_\_

QSW2-3BRLI-\_\_\_\_-\_\_\_\_

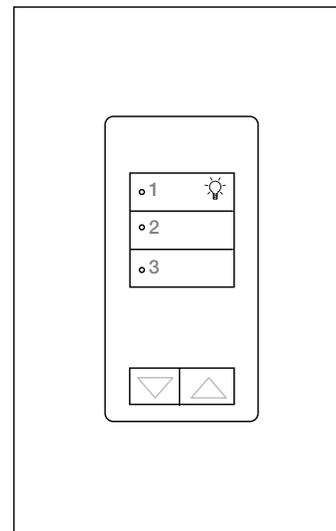
### 3-Button Wallstation with Raise/Lower

#### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.
  - One (1) programmable preset button.



QSW2-3BRLN-WH-E01  
(Non-insert version)



QSW2-3BRLI-WH-EGN  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

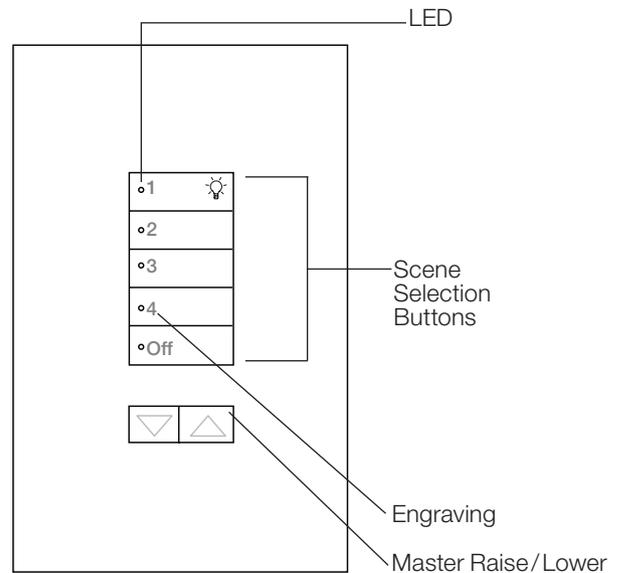
QSW2-5BRLN-\_\_\_-\_\_\_

QSW2-5BRLI-\_\_\_-\_\_\_

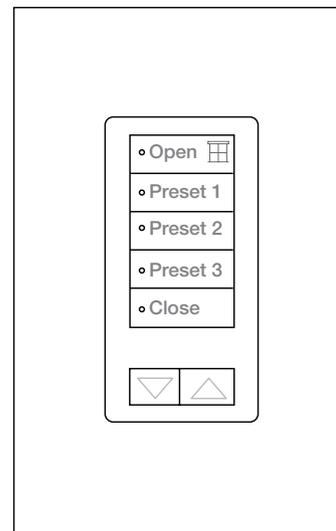
### 5-Button Wallstation with Raise/Lower

#### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.
  - Three (3) programmable preset buttons.



QSW2-5BRLN-WH-EGN (Non-insert version)



QSW2-5BRLI-WH-E01 (Insert version)

Job Name:	Model Numbers:
Job Number:	

### Color and Engraving Codes (continued)

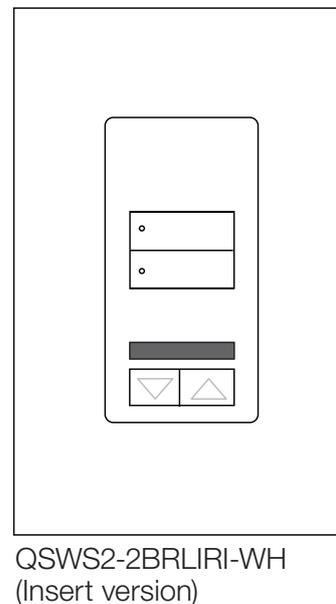
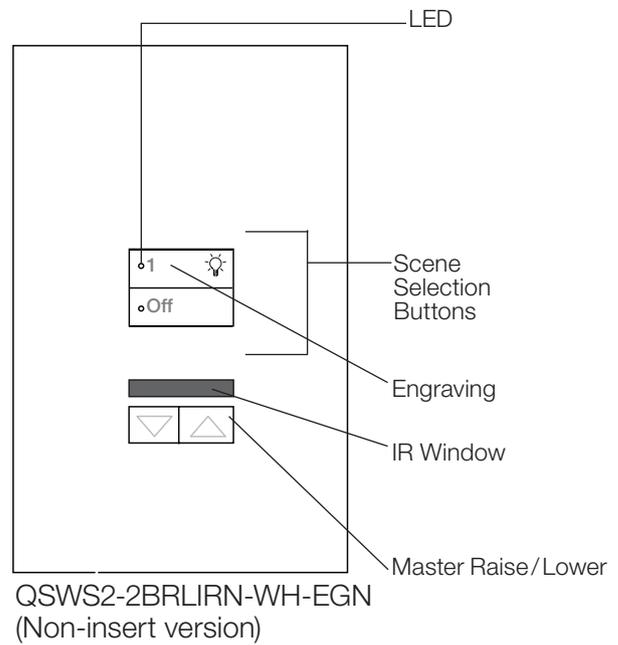
QSW2-2BRLIRN-\_\_\_\_-\_\_\_\_

QSW2-2BRLIRI-\_\_\_\_-\_\_\_\_

#### 2-Button Wallstation with Infrared (IR) Receiver and Raise/Lower

##### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.



<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

### Color and Engraving Codes (continued)

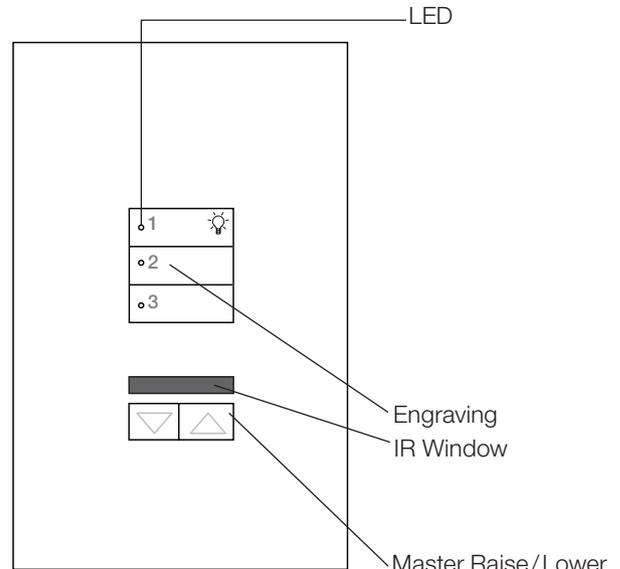
QSW2-3BRLIRN-\_\_\_-\_\_\_

QSW2-3BRLIRI-\_\_\_-\_\_\_

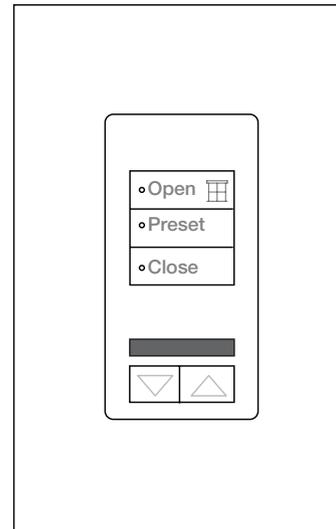
### 3-Button Wallstation with Infrared Receiver and Raise/Lower

#### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.
  - One (1) programmable preset button.



QSW2-3BRLIRN-WH-EGN  
(Non-insert version)



QSW2-3BRLIRI-WH-E01  
(Insert version)

<p>Job Name:</p>  <p>Job Number:</p>	<p>Model Numbers:</p>
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### Color and Engraving Codes (continued)

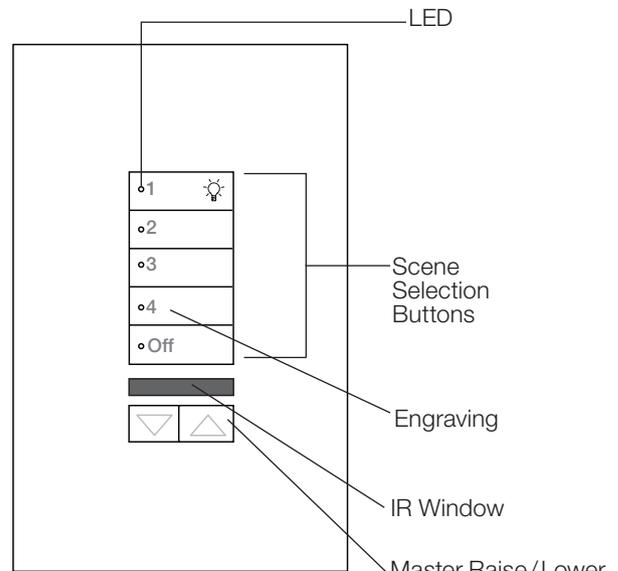
QSW2-5BRLIRN-\_\_\_\_-\_\_\_\_

QSW2-5BRLIRI-\_\_\_\_-\_\_\_\_

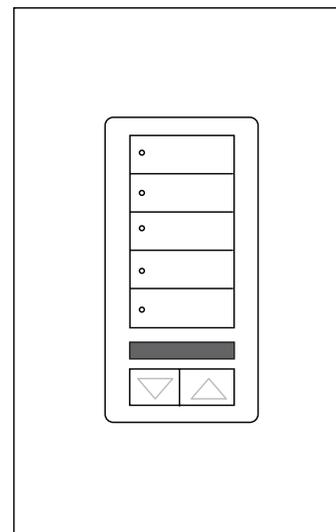
### 5-Button Wallstation with Infrared Receiver and Raise/Lower

#### Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Master Raise/Lower brightens or dims all lighting or raises/lowers all assigned shades in the last selected scene or toggled group.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.
  - Three (3) programmable preset buttons.



QSW2-5BRLIRN-WH-EGN  
(Non-insert version)



QSW2-5BRLIRI-WH  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

## Color and Engraving Codes (continued)

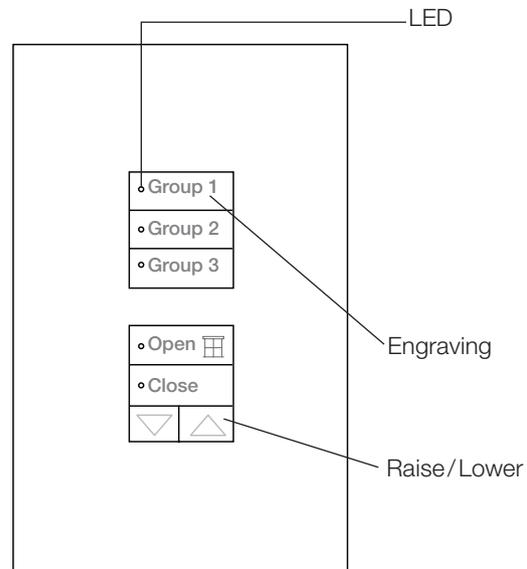
QSW2-1RLDN-\_\_\_\_-\_\_\_\_

QSW2-1RLDI-\_\_\_\_-\_\_\_\_

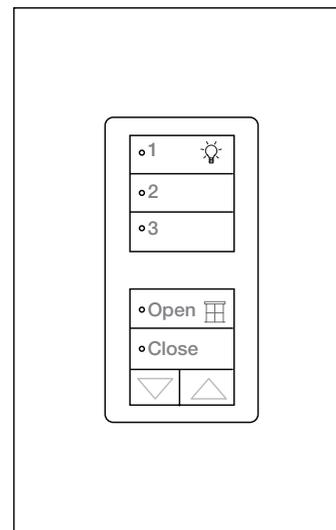
### Dual Wallstation with 3-Button and 2-Button with Raise/Lower

#### Description

- Used to control one or more lighting or window treatment groups simultaneously.
- Functions as two independently programmable controllers: a 3-button (top keypad group) and a 2-button (bottom keypad group). Can control two lighting zones, two shade zones, or one of each.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Used to control multiple groups of shades independently from a single-gang keypad (e.g., a window with a sheer shade and a blackout shade).
  - Often used to select three different groups of shades using Open, Close, and Raise/Lower.
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.



QSW2-1RLDN-WH-E01  
(Non-insert version)



QSW2-1RLDI-WH-EGN  
(Insert version)

<p><b>Job Name:</b></p> <p><b>Job Number:</b></p>	<p><b>Model Numbers:</b></p>
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## Color and Engraving Codes (continued)

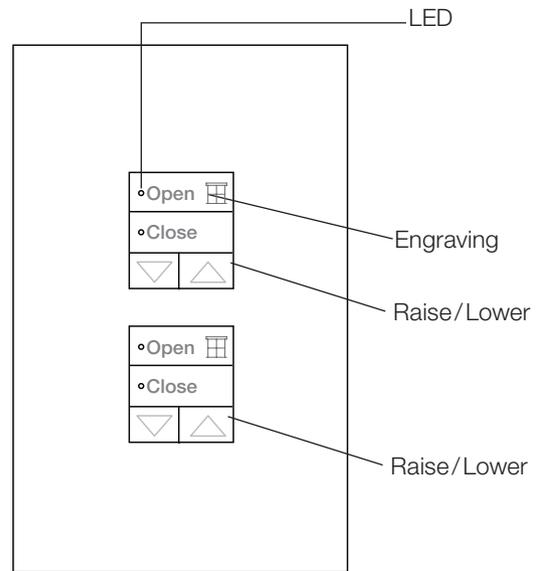
QSW2-2RLDN-\_\_\_\_-\_\_\_\_

QSW2-2RLDI-\_\_\_\_-\_\_\_\_

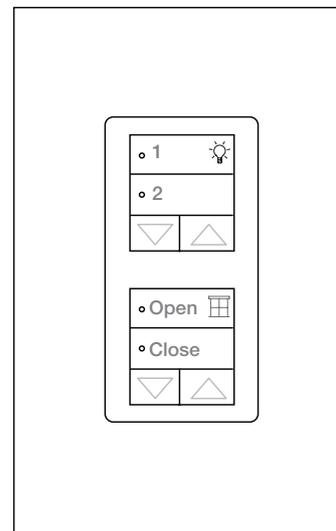
### Dual 2-Button Wallstation with Raise/Lower

#### Description

- Used to control one or more lighting or window treatment groups simultaneously.
- Functions as two independently programmable 2-button controllers. Can control two lighting zones, two shade zones, or one of each.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can be used to control multiple groups of shades independently from a single-gang keypad (e.g., a window with a sheer shade and a blackout shade).
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.



QSW2-2RLDN-WH-E01  
(Non-insert version)



QSW2-2RLDI-WH-EGN  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

## Color and Engraving Codes (continued)

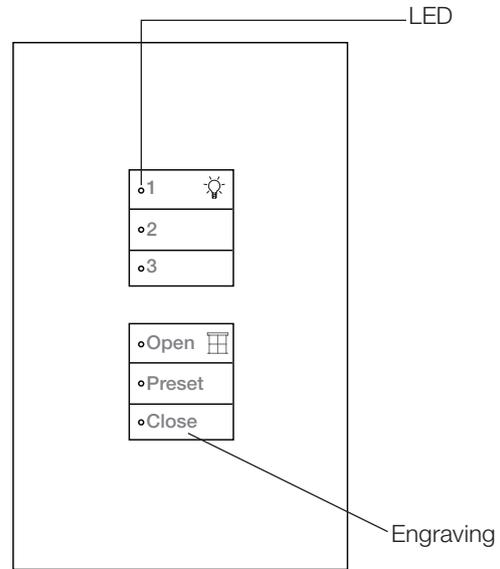
QSWS2-3BDI-\_\_\_\_-\_\_\_\_

QSWS2-3BDN-\_\_\_\_-\_\_\_\_

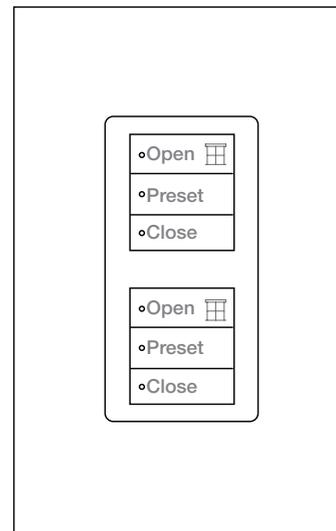
### Dual 3-Button Wallstation

#### Description

- Used to control one or more lighting or window treatment groups simultaneously.
- Functions as two independently programmable 3-button controllers. Can control two lighting zones, two shade zones, or one of each.
- Receives up to two contact closure inputs through a connector on the back of the wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the wallstation in low-light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- The LEDs next to each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can be used to control multiple groups of shades independently from a single-gang keypad (e.g., a window with a sheer shade and a blackout shade).
  - Can control Sivoia QS window treatments.
  - Pressing the Open (or Close) button once will cause the window treatments to move to their fully open (or closed) position. Tap any button (regardless of function) to stop a shade that is in motion.
  - One (1) programmable preset button per 3-button column.



QSWS2-3BDN-WH-EGN  
(Non-insert version)



QSWS2-3BDI-WH-E01  
(Insert version)

Job Name:	Model Numbers:
Job Number:	

# Specifications

## Power Input (Control Link Terminal 2)

SELV/PELV/NEC® Class 2. Operating voltage: 24–36 V<sub>DC</sub> 30 mA

## Key Design Features

- Field-changeable button and faceplate assemblies allow easy customization.
- Meets IEC 801-2. Tested to withstand 15 kV electrostatic discharge without damage or memory loss.
- Faceplate snaps on with no visible means of attachment.
- Available as an “insert” style control for multigang.
- Can be ganged to share a common faceplate with Nova T<sup>☆</sup> and Vareo dimmers. To order new wallplates for multi-ganging, specify “R3” openings in a Nova T<sup>☆</sup> multi-gang FB (fins broken) series model number.
- Use Faceplate Replacement Kits to change color, button configuration, or engraving, or to convert between non-insert and insert configurations.

## System Communications and Capacity

- SELV/PELV/NEC® Class 2 wiring connects wallstations to other devices on the QS Link.
- A QS system can have up to 100 devices and 100 zones; seeTouch QS wallstations each count as one device and zero zones on the QS Link.
- A seeTouch QS wallstation consumes one power draw unit (PDU) on the QS link. For complete information, see **Power Draw Units on the QS Link** (P/N 369405) at [www.lutron.com](http://www.lutron.com)

## Terminals

Accept up to two 18 AWG (1.0 mm<sup>2</sup>).

## Environment

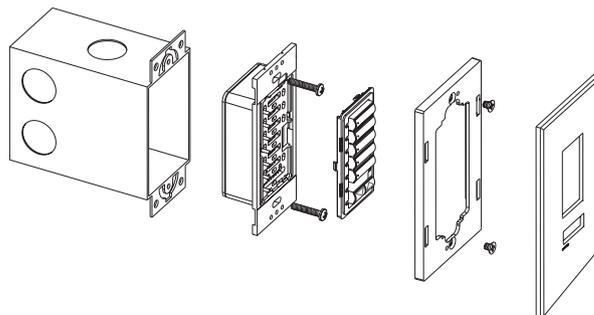
32 °F to 104 °F (0 °C to 40 °C). Relative humidity less than 90% non-condensing.

## Compatibility

seeTouch QS keypads are compatible with GRAFIK Eye QS, Sivoia QS, Energi Savr Node, and Quantum systems.

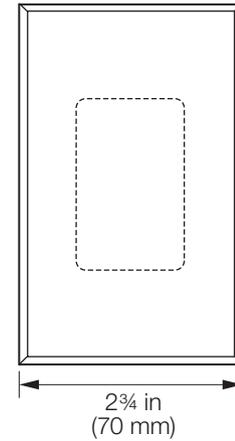
## Mounting

Typical backbox dimensions:  
 3.75 in (95 mm) high,  
 2.1875 in (55 mm) wide,  
 2.75 in (70 mm) deep.

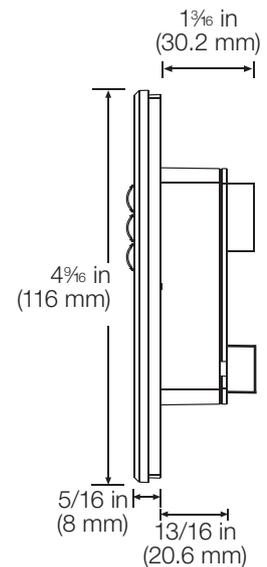


## Dimensions

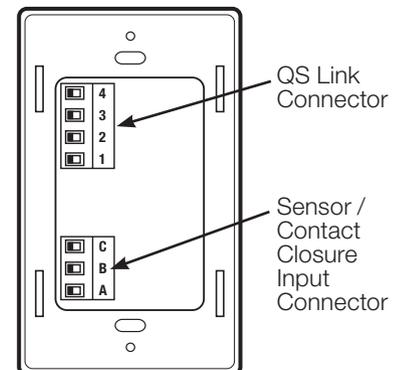
### Front View



### Side View



### Back View

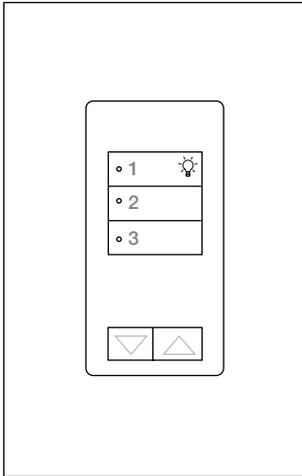


<b>Job Name:</b>  <b>Job Number:</b>	<b>Model Numbers:</b>
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### Available Control Types

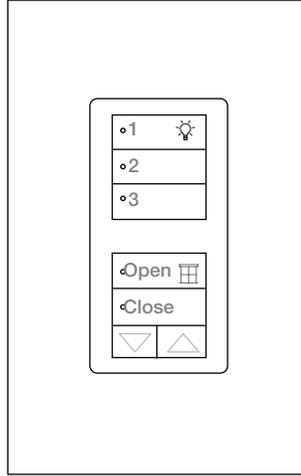
seeTouch wallstations are available in three types:

Lights Only



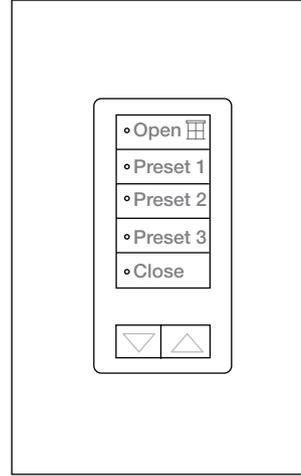
QSWS2-3BRLI-WH-EGN  
(Insert version)

Lights and Shades



QSWS2-1RLDI-WH-EGN  
(Insert version)

Shades Only



QSWS2-5BRLI-WH-E01  
(Insert version)

#### Lights Only

- Controls only lights.
- Has a programmable column type (choose from the list on the following pages).
- Engraving options: General (EGN) and Non-Standard (NST).

#### Lights and Shades

- Top column controls only lights and has a programmable column type (choose from the list on the following pages).
- Bottom column controls only shades and has a programmable column type (choose from the list on the following pages).
- Engraving options: General (EGN) and Non-Standard (NST).

#### Shades Only

- Controls only shades.
- Models with preset buttons have programmable preset levels.
- Engraving options: Standard (E01), Secondary (E02), and Non-Standard (NST).

Job Name:	Model Numbers:
Job Number:	

## Available Column Types

### Scene (with Off)

- Controls pre-programmed scenes on one or more scene controllers (such as a GRAFIK Eye QS, or an area on an Energi Savr Node).
- Buttons within a column control the same scene controller(s) (different buttons within a column cannot control different scene controllers).
- The scene recalled by the first button in a column is programmable, subsequent buttons recall the next numerical scene, and the last button always recalls Scene Off.
- A 1-button scene wallstation will always toggle between the assigned scene and Scene Off.

### Scene (without OFF)

- Identical function to scene with Off, except the last button in a column recalls the next consecutive scene, not Scene Off.

### Zone Toggle

- Buttons toggle a zone or group of zones between programmable preset values and Off (where all zones are Off).
- Each zone can be programmed to a different value.
- Each button can be individually programmed to a different zone or group of zones.

### Partition

- Allows the user to assign individual buttons of a column to different scene controllers (areas).
- One button press (button LED lights) indicates an open partition within the space so that devices programmed to that button talk to each other in both directions.
- A second button press (button LED goes off) indicates a closed partition within the space so that devices programmed to that button function independently.

### 2B Partition (2-button wallstation only)

- Identical function to partition, except that there are two buttons.
- A top button press indicates an open partition; a bottom button press indicates a closed partition.

### 2B Fine Tune (2-button wallstation only)

- Buttons function as raise and lower buttons for assigned zones.
- A button tap will raise/lower the level of assigned zones by 1 percent.
- Pressing and holding the buttons smoothly raises to high end or smoothly lowers to low end.

### 2B Sequence (2-button wallstation only)

- All assigned scene controllers continuously cycle through either Scenes 1-4 or Scenes 5-16 using the programmed fade times for each scene.
- Useful for spaces that desire dynamic lighting, such as decorative lighting or displays in retail stores.

*(continued on next page)*

<p>Job Name:</p>  <p>Job Number:</p>	<p>Model Numbers:</p>
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## Available Column Types (continued)

### 2B Panic (2-button wallstation only)

- Button press causes all assigned scene controllers go to Scene 16.
- Temporarily disables all button presses and ignores scene or zone level changes.

### 2B Timeclock (2-button wallstation only)

- Allows the user to enable or disable the timeclock on a GRAFIK Eye QS.
- A top button press enables the timeclock; a bottom button press disables the timeclock.

### Shade

- Wallstation must have more than 1 button.
- Raise/Lower buttons are recommended for programming.
- The top button becomes the Open button; the bottom button becomes the Close button for associated Lutron Sivoia QS shades or third-party AC shades.
- For keypads with more than two buttons, the middle buttons are programmable preset buttons.

### Shade Group

- Available only on a multi-column keypad where another column is a shade column.
- Allows the shade column to operate as multiple independent keypads (one per group).
- The shade group column selects which independent keypad is currently active (indicated by the group button whose LED is lit).

**Note:** Column types can be changed using the GRAFIK Eye QS programming menu (e.g., control programmed as lights only can be changed to shades only).

<p>Job Name:</p>  <p>Job Number:</p>	<p>Model Numbers:</p>
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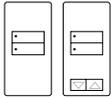
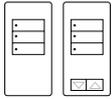
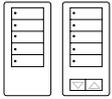
# Standard seeTouch QS Wallstation Button Functions Summary (WH Only)

Button Configurations			
2B	3B	5B	7B
Lobby			
Engraving Codes			
A	L	L	L
All On ☀ All Off ☾	All On ☀ Event All Off ☾	All On ☀ Morning Afternoon Evening All Off ☾	All On ☀ Morning Afternoon Evening After Hours Event All Off ☾
Restaurant			
Engraving Codes			
A	R	R	R
All On ☀ All Off ☾	All On ☀ After Hours All Off ☾	All On ☀ Breakfast Lunch Dinner All Off ☾	All On ☀ Breakfast Lunch Dinner After Hours Cleaning All Off ☾

Button Configurations			
2B	3B	5B	7B
Retail			
Engraving Codes			
A	R	L	T
All On ☀ All Off ☾	All On ☀ After Hours All Off ☾	All On ☀ Morning Afternoon Evening All Off ☾	All On ☀ Morning Afternoon Evening After Hours Cleaning All Off ☾
Classroom			
Engraving Codes			
A	A	A	C
All On ☀ All Off ☾	All On ☀ Present All Off ☾	All On ☀ Present Lecture Exam All Off ☾	All On ☀ Present Lecture Exam Movie Cleaning All Off ☾

Job Name:	Model Numbers:
Job Number:	

**Standard seeTouch QS Wallstation Button Functions Summary (WH only) (continued)**

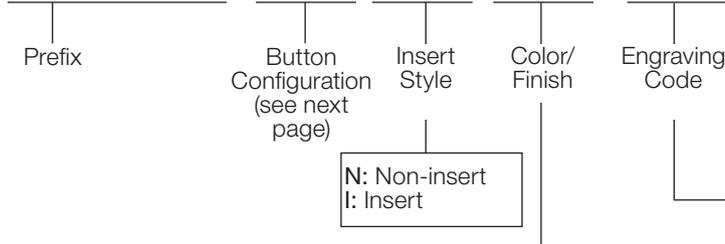
Button Configurations				
				
<b>1B</b>	<b>2B</b>	<b>3B</b>	<b>5B</b>	<b>7B</b>
Meeting Room				
Engraving Codes				
	<b>A</b>	<b>M</b>	<b>M</b>	<b>M</b>
N/A	All On  All Off 	All On  Meeting All Off 	All On  Meeting A/V Cleaning All Off 	All On  Meeting A/V Pendant Perimeter Event All Off 
Ballroom				
Engraving Codes				
	<b>A</b>	<b>L</b>	<b>B</b>	<b>B</b>
N/A	All On  All Off 	All On  Event 1 All Off 	All On  Event 1 Event 2 Event 3 All Off 	All On  Event 1 Event 2 Event 3 Event 4 Event 5 All Off 
Private Office				
Engraving Codes				
	<b>A</b>	<b>P</b>	<b>P</b>	N/A
N/A	All On  All Off 	On  Dim Off 	On  Dim Zone 1 Zone 2 Off 	
Zone Toggle				
Engraving Code: Z for all configurations				
On/Off	Zone 1 Zone 2	Zone 1 Zone 2 Zone 3	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5 Zone 6 Zone 7

Button Configurations		
		
<b>1RLD</b>	<b>2RLD</b>	<b>3BD</b>
Shades – Dual Zone		
Engraving Code: D for all configurations		
N/A	Open  Close 	N/A
	Open  Close 	
Lights and Shades A		
Engraving Code: U for all configurations		
On  Preset Off 	On  Off   Open  Close 	On  Preset Off   Open  Preset Close 
Lights Dual Zone		
Engraving Code: K for all configurations		
N/A	On  Off   On  Off 	On  Preset Off   On  Preset Off 
Lights and Shades B		
Engraving Code: Q for all configurations		
N/A	N/A	On  Preset Off   Open  Stop Close 

<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

# How to Build a Custom seeTouch QS Model Number

## QSW S2 - -



Color/Finish Codes	
<b>Architectural Matte Finishes</b>	
White	WH
Ivory	IV
Beige	BE
Gray	GR
Brown	BR
Black	BL
Almond	AL
Light Almond	LA
Taupe	TP
<b>Architectural Metal Finishes</b>	
With black plastic buttons (standard).	
Bright Brass	BB
Bright Chrome	BC
Bright Nickel	BN
Satin Brass	SB
Satin Chrome	SC
Satin Nickel	SN
Antique Brass	QB
Antique Bronze	QZ
<b>Anodized Aluminum Finishes</b>	
With black plastic buttons (standard).	
Clear	CLA
Black	BLA
Brass	BRA
<b>Satin Colors Matte Finishes</b>	
Available with Insert (I) style controls only.	
Snow	SW
Midnight	MN
Taupe	TP
Biscuit	BI
Eggshell	ES
Palladium	PD*
Hot	HT*
Merlot	MR*
Plum	PL*
Sienna	SI*
Terracotta	TC*
Bluestone	BG*
Green briar	GB*
Goldstone	QS*
Mocha stone	MS*
Stone	ST*
Desert Stone	DS*
Limestone	LS*

**\*Note:** Some Satin Colors units ship with different color buttons. For more information, please visit the seeTouch website at [www.lutron.com/seeTouch](http://www.lutron.com/seeTouch)

**\*For the latest color offerings please see our website:** <http://www.lutron.com/satincolors>

Engraving Codes
Omit: Unengraved
EGN: General Engraving For "Lights only" and "Lights and Shades" controls
E01: Standard Engraving For "Shades only" controls
E02: Secondary engraving for "Shades only" controls
NST: Non-Standard Text Engraving Please visit the GRAFIK Eye QS website at <a href="http://www.lutron.com/grafikeyeqs">www.lutron.com/grafikeyeqs</a> for custom engraving forms

- Engraving Notes**
- The engraving option (model number and suffix) is related to the control type, as shown above in the "How to Build a Standard seeTouch QS Model Number" section.
  - Four engraving options are available:
    - EGN: General engraving for 'Lights Only' and 'Lights and Shades' controls
    - E01: Standard engraving for 'Shades Only' controls and 'Lights and Shades' for model QSWE-10BRLI-WH-E01 only
    - E02: Secondary engraving for 'Shades Only' controls
    - NST: Non-standard engraving for 'Lights Only', 'Lights and Shades', or 'Shades Only' controls
  - If no engraving is specified, wallstations will ship with an engraving certificate, with EGN being its default engraving type.

**If no color is specified, wallstations will ship with white (WH) finish.**

**LUTRON SPECIFICATION SUBMITTAL** Page

<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

# Custom seeTouch QS Wallstation Button Functions Summary

Button Configuration							
<b>1B</b>	<b>2B</b>	<b>3B</b>	<b>5B</b>	<b>7B</b>	<b>1RLD</b>	<b>2RLD</b>	<b>3BD</b>
EGN (General Engraving) Functionality							
Scene 1 	Scene 1 Off 	Scene 1 Scene 2 Scene 3 	Scene 1 Scene 2 Scene 3 Scene 4 Off 	Scene 1 Scene 2 Scene 3 Scene 4 Scene 5 Scene 6 Scene 7 	Scene 1 Scene 2 Scene 3 Open Close 	Scene 1 Off Open Close 	Scene 1 Scene 2 Scene 3 Open Preset Close 
E01 (Standard Engraving) Functionality							
N/A	Open Close 	Open Preset Close 	Open Preset 1 Preset 2 Preset 3 Close 	N/A	Group 1 Group 2 Group 3 Open Close 	Open Close Open Close 	Open Preset Close Open Preset Close 
E02 (Secondary/Shades Only Engraving) Functionality							
N/A	N/A	N/A	N/A	N/A	Blackout Sheer Both Open Close 	N/A	N/A

**Legend:**

Light Control

Shade Control

<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

# How to Build a seeTouch QS Model Number

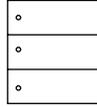
## Button Configurations



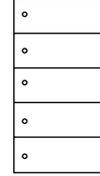
1B  
1-button



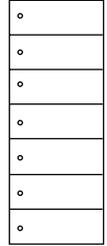
2B  
2-button



3B  
3-button



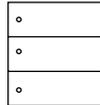
5B  
5-button



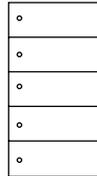
7B  
7-button



2BRL  
2-button with  
raise/lower



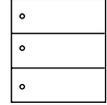
3BRL  
3-button with  
raise/lower



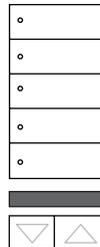
5BRL  
5-button with  
raise/lower



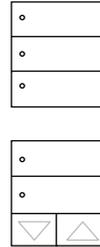
2BRLIR  
2-button with IR  
receiver and  
raise/lower



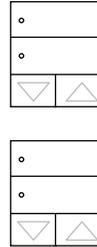
3BRLIR  
3-button with IR  
receiver and  
raise/lower



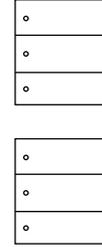
5BRLIR  
5-button with IR  
receiver and  
raise/lower



1RLD  
Dual with 3-button  
and 2-button with  
raise/lower



2RLD  
Dual 2-button with  
raise/lower



3BD  
Dual 3-button

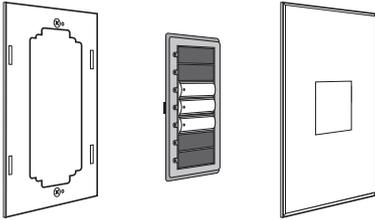
<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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## Faceplate Information

### Faceplate Replacement Kits

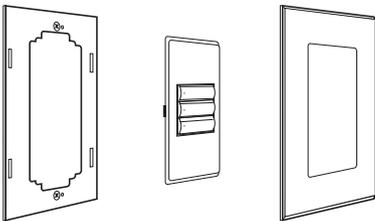
Use faceplate replacement kits to change: colors, button configuration, engraving, between insert and non-insert versions. Each kit includes an adapter, button assembly, and wallplate

#### Non-Insert Kit



**Non-insert style controls:** Faceplate complements a specified button kit. When the faceplate is removed or replaced, the buttons are removed and replaced along with it.

#### Insert Kit



**Insert style controls:** Faceplate is a decorator style with a universal size opening that fits all button kits. This style allows for easy replacements of button kits without changing the faceplate.

### Model Numbers for Kits

Non-Insert	Insert
QSW2R-1BN	QSW2R-1BI
QSW2R-2BN	QSW2R-2BI
QSW2R-3BN	QSW2R-3BI
QSW2R-5BN	QSW2R-5BI
QSW2R-7BN	QSW2R-7BI
QSW2R-2BRLN	QSW2R-2BRLI
QSW2R-3BRLN	QSW2R-3BRLI
QSW2R-5BRLN	QSW2R-5BRLI
QSW2R-1RLDN	QSW2R-1RLDI
QSW2R-2RLDN	QSW2R-2RLDI
QSW2R-3BDN	QSW2R-3BDI
QSW2R-2BRLIRN	QSW2R-2BRLIRI
QSW2R-3BRLIRN	QSW2R-3BRLIRI
QSW2R-5BRLIRN	QSW2R-5BRLIRI

<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

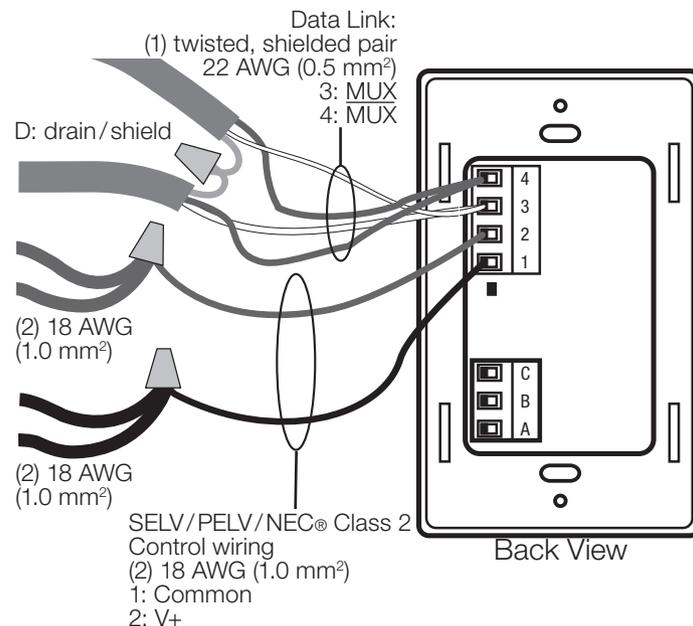
# Wallstation Installation

## QS Link Wiring

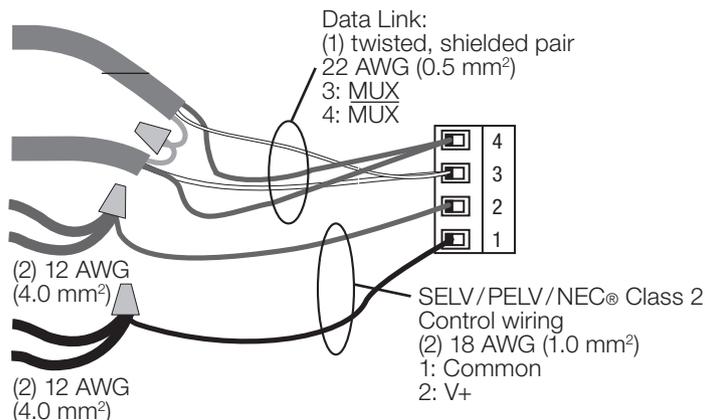
- Use SELV/PELV/NEC® Class 2 wiring to connect wallstations to the QS Link.
- Connect two 22 AWG (0.5 mm<sup>2</sup>) shielded, twisted pair wires to terminals 3 and 4 of the wallstation's control link connector. Shielding (drain) of the twisted pair wires must be connected together as shown, but do not connect the shielding to earth/ground or the wallstation and do not allow it to contact the grounded wallbox.
- Connect the appropriate size wires to terminals 1 and 2 for power, according to your link length (see table below).
- Connect drain/shield as shown. Do not connect to ground (earth) or wallstation. Connect the bare drain wires and cut off the outside shield.

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

### Link Wiring (<500 ft/153 m)



### Link Wiring (500 ft/153 m to 2000 ft/610 m)



### QS Link Wire Sizes (check compatibility in your area)

QS Link Wiring Length	Wire Gauge	Lutron Cable Part Number
Less than 500 ft (153 m)	Power (terminals 1 and 2) 1 pair 18 AWG (1.0 mm <sup>2</sup> )	GRX-CBL-346S (non-plenum) GRX-PCBL-346S (plenum)
	Data (terminals 3 and 4) 1 twisted, shielded pair 22 AWG (0.5 mm <sup>2</sup> )	
500ft to 2000 ft (153 m to 610 m)	Power (terminals 1 and 2) 1 pair 12 AWG (4.0 mm <sup>2</sup> )	GRX-CBL-46L (non-plenum) GRX-PCBL-46L (plenum)
	Data (terminals 3 and 4) 1 twisted, shielded pair 22 AWG (0.5 mm <sup>2</sup> )	

<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

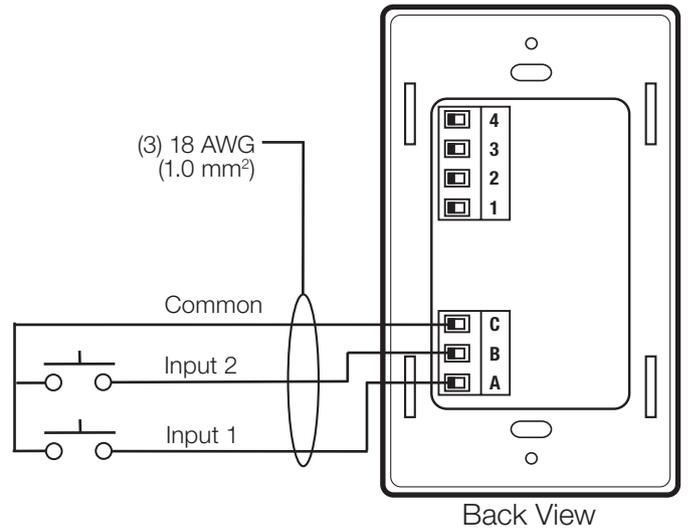
### Contact Closure Inputs

#### Specifications

- 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<sub>DC</sub> and sink 3.0 mA
  - Open collector PNP or active-high on-state voltage must be greater than 12 V<sub>DC</sub> and source 3.0 mA
- Wallstation is miswire protected up to 36 V<sub>DC</sub>.
- Outputs must stay in the closed or open states for at least 40 msec in order to be recognized by the wallstation.

#### Contact Closure Input Wiring

- Use low-voltage SELV/PELV/NEC® Class 2 wiring to connect the contact closure inputs to the wallstation.



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

Job Name:	Model Numbers:
Job Number:	