

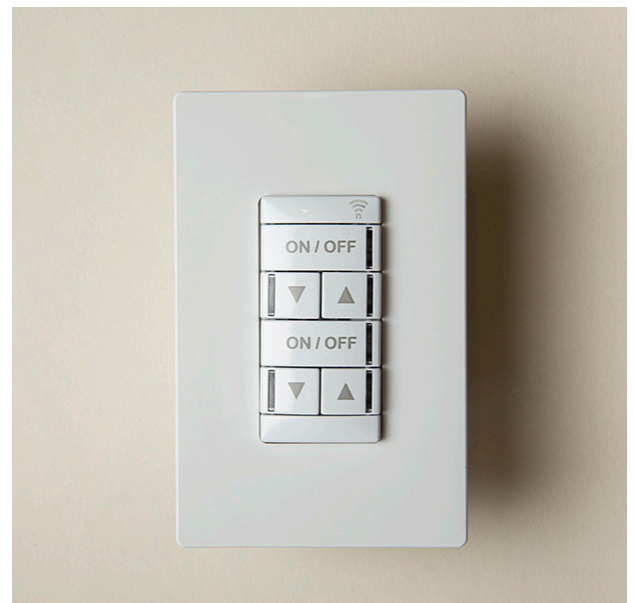
## WALL STATION INTERFACES

This guide outlines key considerations every lighting professional should review when selecting and programming wall station interfaces.

*For a typical end user, the most critical element of a lighting control system may be the wall station interface. These are usually the switches and dimmers with which end users interact. Wall station functionality will likely dictate the user's experience with the control system.*

### PRIOR PROPER PLANNING...

- Some upfront planning will pay dividends later in the project.
- Consistently labelling button stations, or their face plate bezels, will simplify system use for all occupants and prevent confusion.
- Work with user groups to determine appropriate labels.
- Many manufactures will print custom space – zone – or scene names on wall stations at a reasonable cost.



Switch stations are now available to perform many functions beyond the simple on/off we've come to expect from toggle switches. In most cases, specific button functionality is fully programmable and may be changed at any time. Some systems allow individual buttons to have different functionality.

### THE MOST COMMON PROGRAMMING OPTIONS INCLUDE:

Zone Toggle:	A selected lighting control zone may be turned on or off.
Group Toggle:	A selected group of lighting control zones may be turned on or off.
Scene Select:	A pre-programmed lighting scene is activated changing lighting to the most current scene.
Scene Toggle:	A pre-programmed scene is turned on or off. This may be in addition to other scenes or zones already active.
Raise / Lower:	Raises or lowers currently active lights zones, scenes, or groups proportionally.
Off:	Turns all zones to off by activating an OFF scene.

*Other options may be available depending on the specific system.*

## SUPPORTING THE OCCUPANT

Explaining what a user can expect from a lighting control system, and how to interact with it, can be the difference between happy users and frustrating call backs. Consider creating graphical cards or explanations that may be posted or provided to new users.



**Put yourself in the shoes of a typical user and ask the following questions...**

Is the interface simple to operate and immediately understandable?

Is it unclear and potentially frustrating?

Does it require a user manual to operate the lights?

Is there a YouTube channel or easy online resource you could connect the user group with for future reference?

## WIRED OR BATTERY?

Wall stations generally communicate wirelessly with control systems via RF signal. Most manufacturers are trending toward battery-operated wall stations, frequently featuring 10 year or more average battery life.

This significantly reduces material and labor costs, particularly in retrofit applications. Wall stations using 120 V power are still available when battery stations are not preferred.

### WALL STATION INSTALLATION Cost / wall station

Wired Solution	Wireless Solution
~\$150-225 labor & materials	~\$30-50 labor & materials
What's Included	
Wired wall station	Wireless wall station
Conduit and wire	No pipe or wire
Drywall and paint	No wall repair
1-2 hours labor	15-30 minutes labor

