# Wireless Single and Dual Paddle Self-Powered Resonate Switches

## SELF-POWERED RESONATE Wireless SWITCHES

### Resonate Switches

#### The Self-Powered Resonate Wall Switches shall be the Echoflex Resonate Series ETR Switches by Echoflex Solutions, Inc., or equal.

#### Mechanical

##### Resonate Switches shall be available in single and dual paddle rocker switch configurations

##### Wall Mount Switches - ETRS

###### Double sided tape shall be available from the manufacturer for surface mounting peel-and-stick attachment

###### Wall Switches shall be available in white and black

###### Wall Switches shall have a rear mounting surface comprised of a single solid plane suitable for adhering to transparent surfaces

##### Hand-Held Switches -ETRH

###### Hand-Held Switches shall accommodate connection to a lanyard without modification.

###### Hand-held Switches shall have two key-hole style holes on the switch back for mounting with screws

###### Hand-Held Switches shall be available in white

##### Resonate Switches shall have a fully enclosed electronics assembly

##### Resonate Switches shall be constructed of ABS plastic

#### Electrical

##### Resonate Switches shall use 902 MHz EnOcean radios. Systems that use other frequencies radios shall not be acceptable

##### Resonate Switches shall utilize kinetic energy harvesting and not require batteries or external power input

##### Resonate Switches shall have a range of at least 80 feet laterally through walls and up to 300 feet in open space

##### Resonate Switches shall comply with FCC Part 15.231 and IC RSS-210

#### Functional

##### Resonate Switches shall be able to switch relay loads on and off when used with compatible wireless load controllers

##### Resonate Switches shall be able to dim loads up and down when used with compatible wireless dimming controllers

##### Resonate Switches shall support DMX scene recall when used with compatible DMX Scene Controllers. Systems that do not support DMX Scene Controllers shall not be acceptable

##### Resonate Switches shall support Smart Click programming for configuration of compatible wireless lighting controllers

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