

# Wireless *Decorator* and KeyCard Switches

PTM265



energy conservation - home and office

## Overview

Echoflex products are based on EnOcean wireless technology and include the features of other wireless control technologies like "peel and stick" installation of sensors, simple adaptation to a tenants changing needs, and reduced wiring costs. With EnOcean, the radios require very little power allowing ambient energy sources to power the sensors eliminating the maintenance burden of replacing batteries and disposing of them. The push of a switch or the light within an office is all that's needed to energize the Echoflex sensor and broadcast the signal.

Echoflex products and solutions can take any space, new construction or retrofit, and transform them into smart spaces without dependency on centralized controls.

Echoflex sensors or switches can be assigned to as many controllers as needed with no limitations. And each controller can have up to 30 sensors or switches assigned to it making it easy to create multi-input control strategies like 4-way switching lighting circuits.

Echoflex manufacturers switches in single and double decorator style plus a key card switch ideal for the hospitality industry.

For more information on these applications, please visit [www.echoflexsolutions.com](http://www.echoflexsolutions.com)




## Features

- ⇒ Battery free wireless lighting circuit control
- ⇒ Single or double decorator wall switches
- ⇒ Key-card switch ideal for hospitality industry
- ⇒ Available in both radio frequencies
- ⇒ No mounting hardware → maximum space flexibility
- ⇒ 300m line-of-sight range, interior range typically 30m
- ⇒ Available in white or black housing, custom colors also available

## Ordering Information

Model Number	Description	White Part #	Black Part #
PTM265	Decorator Style, 868MHz	005-5012	005-5050
PTM265C	Decorator Style, 315MHz	005-0012	005-0050
PTM265D	Dual Decorator Style, 868MHz	005-5024	005-5062
PTM265DC	Dual Decorator Style, 315MHz	005-0024	005-0062
PTM265KCA	Key Card, 868MHz	005-5048	
PTM265KCAC	Key Card, 315MHz	005-0048	



<b>Functional Overview</b>	
Normal Operation	Transmits activation to Echoflex controllers
<b>Technical Overview</b>	
Operating Mode	ON / OFF, Toggle
Power Generation	Electrodynamic Energy Harvester
Transmission Power	Maximum 10MW EIRP
Transmission Range	300m LOS
Communications	315 MHz [PTM200C] or 868 MHz [PTM200] radios
Antenna	Integrated 15cm whip (315 MHz), 9cm (868 MHz)
<b>Mechanical Specifications</b>	
Operating Temperature	-13 °F to 145 °F (-25 °C to 65 °C)
Relative Humidity	5% to 95% RH (non-condensing)
Weight	13.5 oz. (385 gms.)
Life Cycle	>50,000 actuations, tested to EN 60669 / VDE 0632
Mounting	North American junction box, double sided tape
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