

Hotels Reduce Energy Costs with Wireless In-Room Technology from Green Express Direct

Wireless, battery-less, energy harvesting, radio frequency (RF) technology can be used in hotels, motels and bed and breakfast locations to lower energy costs without expensive wiring.

January 25, 2011 (FPRC) -- Green Express Direct is pleased to announce the release of its new wireless, battery-less energy controllers that includes a Key Card Access Switch to control lighting and HVAC in hotel rooms. These easy to install, energy saving devices require no additional wiring, promote conservation and reduce operating costs.

When guests enter their room and slide their room card into the Keycard Access Switch, an "occupied" signal is sent to our EnOcean compatible thermostat and relay receivers connected to lights and devices in the room. The thermostat automatically adjusts temperature set points to a narrow range (i.e. 70-72 degrees) and power is provided to lights and devices in the room. When guests remove their room card an "unoccupied" signal is transmitted to the thermostat, setting the HVAC unit to economy mode and withdrawing power from lights and devices in the room.

"Energy represents the single fastest-growing operating cost in the lodging industry," according to EnergyStar, a government-backed program that promotes energy efficiency. "On average, America's 47,000 hotels spend \$2,196 per available room each year on energy. This represents about 6 percent of all operating costs." Reducing that expense can easily be achieved by installing the Hospitality PTAC Kit and Hospitality Kit w/Key Card Switch for Thermostat Control from Green Express Direct.

About Green Express Direct:

Green Express Direct™ strives to combine great customer service with a wide product offering of environmentally friendly building products and supplies that are shipped to owners and managers of residential; multifamily; hospitality; educational and commercial properties; healthcare providers; and municipal and government facilities. They are constantly searching for new products and welcome inventor submissions. For additional information – www.GreenExpressDirect.com.

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