

ENTERGIZE Transmitter FCCID PLGMCS001

This product will power on/off light switches and outlet receptacles in a hotel room via wireless communication. The system is comprised of 3 devices, a Master Sending Unit, a Remote Light Switch, and a Remote Outlet Receptacle.

These units will replace existing standard light switch & outlet hardware; and will be professionally installed into the existing receptacle boxes.

When a Room Key Card is inserted into the Master Unit, the Master Unit transmits an encoded signal to the Slave Light Switches and Outlets. This signal activates the Switches and Outlets, allowing power to be available for the occupant. When the Room Key Card is removed from the Master Unit, another encoded signal is sent to the remotes; and power is switched off at each device.

Installation will consist of removing the existing,a standard light switch and outlet hardware; and then replacing them with the Energize hardware. All of these units will be utilizing existing UL approved Wall Plates (Leviton cover 262B). The units will be wired into the existing wiring system by using insulated stranded wire. The wires are soldered directly to the printed circuit boards; and will be attached to the existing wiring system via standard "WIRENUTS".

The Master Unit is comprised of the following:

Top Case:

- Material: Plastic, Polycarbonate/ABS alloy, Bayer Corp. Bayblend FR110

Rear Case:

- Plastic, Polycarbonate/ABS alloy, Bayer Corp. Bayblend FR110

Rocker Switch:

- Plastic, Polycarbonate/ABS alloy, Bayer Corp. Bayblend FR110

Light Pipe:

- Plastic, Polycarbonate, Modified Plastics Inc, MPC

Mounting Plate:

- Aluminum, 5052-H32

Also functions as a heat sink for a TRIAC.

Printed Circuit Board w/ components
see schematics

The Slave Light Switch is comprised of the following:

Same as Master Unit with Light Pipe omitted.

The Outlet Receptacle is comprised of the following:

Top Case:

- Plastic, Polycarbonate/ABS alloy, Bayer Corp. Bayblend FR110
- Also functions as a mounting plate.

Rear Case:

- Plastic, Polycarbonate/ABS alloy, Bayer Corp. Bayblend FR110

Contacts:

- Brass, C260

Printed Circuit Board w/ components
see schematics