

Rhein Tech Laboratories, Inc.
360 Herndon Parkway
Suite 1400
Herndon, VA 20170
<http://www.rheintech.com>

Client: Evolve Guest Controls Inc.
Model: EvolveNet Router
Standards: FCC 15.247/IC RSS-210
ID's: Y3K-ENR / TBD
Report #: 2010222

Appendix J: Manual

Please refer to the following pages.

EvolveNet Router™
User Manual
Version 1.12.10

BuLogics, Inc.

Introduction:

The EvolveNet Router™ by BuLogics, Inc., is the backbone of the Evolve Guest Controls comprehensive energy management solution. As a hub of communication, nothing communicates faster and with better accuracy than the EvolveNet Router.

Important Information:

- Please make sure you use the provided power supply to power up your EvolveNet Router.
- Do NOT submerge the EvolveNet Router in water or place in a high humidity area.
- Do not insert anything other than a licensed EvolveNet Portal™ into the open slots.

Installation Instructions:

- 1) Place the EvolveNet Router in a centralized location in between the rooms with which it will be communicating.
- 2) Place the EvolveNet Router on a flat surface and plug the power supply in to the EvolveNet Router.
- 3) Plug the power supply into an outlet.

EvolveNet Router Bootup Sequence

- 1) The red LED near the antenna will begin to blink when the EvolveNet Router is connected to power. This indicates that the EvolveNet Router is searching for a ZigBee network to join.
- 2) The red LED automatically becomes solid once the EvolveNet Router connects to the ZigBee network.
- 3) Once the EvolveNet Router has joined the ZigBee network, the green LED will begin to blink. This indicates that the EvolveNet Router is attempting to sync with Evolve BackOffice™.
- 4) The green LED automatically becomes solid once the EvolveNet Router is connected to Evolve BackOffice.

****IMPORANT NOTE**** *Even if an Evolve Portal™ is inserted into the receiving slots, no other LEDs will illuminate until there is a solid red and solid green LED near the antenna.*

EvolveNet Portal LED Definitions (For when an EvolveNet Portal is inserted into the receiving slots):

- Red LED blinks to show that the EvolveNet Portal is receiving commands.
- Blue LED blinks to show the network health.
 - <50% = slow blink
 - >50% = fast blink

Factory Reset

- 1) Unplug the EvolveNet Router.
- 2) Press the yellow pushbutton while you re-plug in the EvolveNet Router.
- 3) The LEDs will cycle through the EvolveNet Router Bootup Sequence.

Z-Wave:

This device uses Z-Wave and can communicate with other Z-Wave devices regardless of the manufacturer. For more information, visit www.z-wave.com.

FCC Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Evolve Guest Controls Inc. could void the user's authority to operate the equipment.

Support:

- Email: support@bulogics.com
- Phone: 215-798-1017, ext 5.