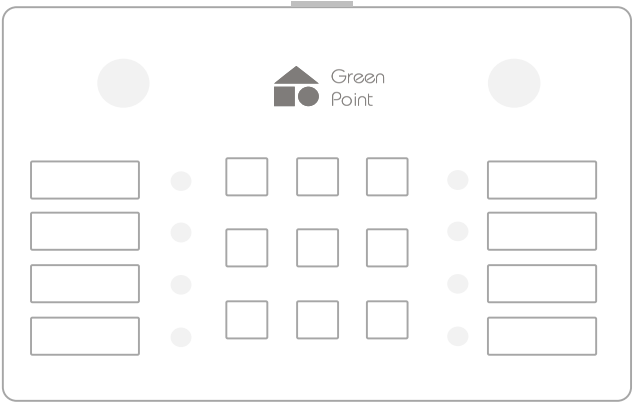
Green
Point

Keypad User Manual



Introduction:

Thank you for purchasing an **igh** control device. The **igh** system is designed to automate home control and provide easy remote operation of all your electrical appliances/lights connected to system. **igh** products include a variety of devices to control your home. The products can be installed in one room, expand to additional rooms or to the entire house according to your needs and budgets.

Green Point products are constructed with careful attention to detail, using only high quality materials, assuring peak performance over time.

Warning!!!

Controlling Appliances:

igh systems can control electrical appliances either remotely or automatically, allowing electrical appliances or light to be activated without the operator presence's in the room. Extreme caution must be taken to avoid hazard conditions.

Important
Read before installing

1. Install in accordance with all national and local electrical codes and local regulations of your country.
2. The products of the **igh** system range are designed to be used and installed in domestic and similar environments where there is no need for special protections against the ingress of water.
3. The installer must hand the user manual over to the user and should stress that the user become fully familiar with it.
4. In case of a breakdown or malfunction, please contact an authorized technician or the **igh** products support center.
5. Use only Class II power supply with LPS to charge the Keypad unit.
6. There are no serviceable parts in this unit.
7. Do not paint on the **igh** Keypad.
8. Operate between temperatures of -10 °C to 50 °C.
9. Clean the **igh** Keypad only with a soft dry cloth. Do not use any chemical cleaners.

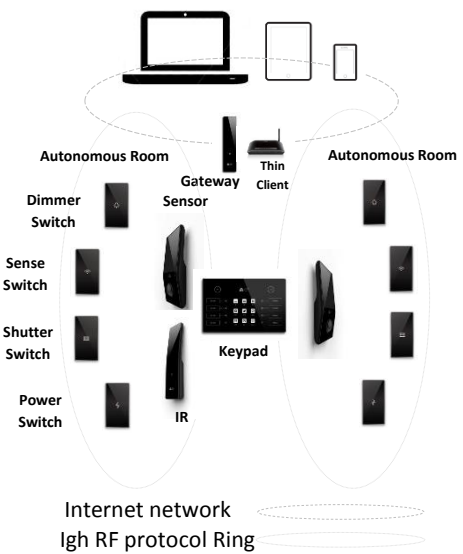
General Product Description

System overview

igh is a home automation and power management system, enabling unified and automated control over electrical appliances connected to the system.
The system is composed of 5 main components:

- **igh** Smart Switch
- **igh** Sensor
- **igh Keypad**
- **igh** IR Bridge
- **igh** Internet Gateway

System Connectivity



Keypad

Operating

Three main steps:

1. Turn the keypad ON by pressing the **Activation** button.
2. **Select** the desired appliances/lights.
3. Activate the desired **command**

Multiple Activation

If more than one appliances/lights are selected, the activation command will apply to all of them simultaneously.

Configuration

Building the appliances/light channels is done through the **igh** software wizard.

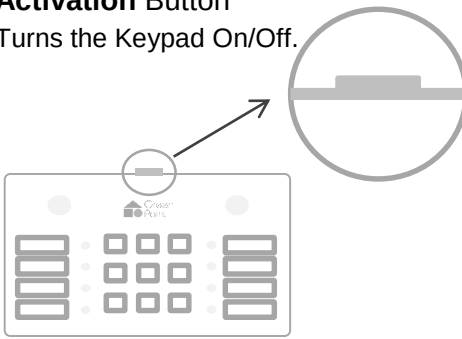
Backlight

The backlight will turn ON automatically when needed and turn OFF automatically when left unused to save battery life.

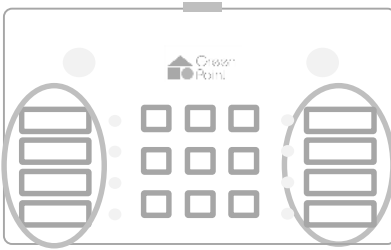
Buttons

Activation Button

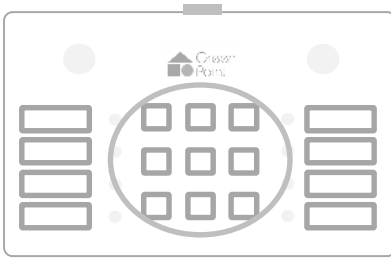
Turns the Keypad On/Off.



Appliances/Light Area

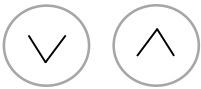


Commands Area



On/Off

Turns the selected unit On/Off



Specific Level

Brings the selected unit to the desired level (25, 50, 75) percent.

25 50 75

Mode

Brings the selected unit to the desired mode.

man eco auto

Advanced Buttons

Group

If the group function is the following command will apply on the selected groups simultaneously.

grp

Scheduler

Turns the scheduler on for the selected light/appliance. To turn the scheduler OFF, select the Func in advance.

tmr

Function

The function adds extra commands options.

func

Charging

Battery indication, there are 3 Battery icons:

Low Battery

Charging

Full Battery

When the Low Battery icon is illuminated, connect the Keypad to the charging cable. When the Keypad is connected, the charging icon will be illuminated. The Full Battery icon will light up when it is fully charged.

Mounting

Select a location to install the **igh** Keypad. When choosing an appropriate location, the following should be considered:

- RF range.
- Avoid placing the **igh** Keypad close to concrete walls or large metallic objects.
- Avoiding placing the **igh** Keypad near heat or cold- producing devices.

Use the installing mold included to mount the **igh** Keypad bracket. Select a location to install the **igh** Keypad, and with the installing mold in place, mark the drilling spots with a pencil. Drill holes in the marked areas. Use a hammer to tap the dowels into the holes. Place the base over the dowels, insert the screws and tighten them to build a base of the **igh** Keypad. The Keypad is now ready to be attached to the bracket.

Installing steps

1. Mount the **igh** Keypad and bracket to the wall.
2. Follow the software installation wizard to install and configure the Keypad.

SPECIFICATIONS

Unit Dimensions: 12.2 X 18.5 X 1.1 (cm)

Signal (Frequency): ISM BAND (433.050 - 434.790 MHz**)**

WARRANTY

Green Point Products warrants this product to be free from manufacturing defects for a period of one year from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product.

Regulatory Compliance

The IGHK - **igh** Keypad unit has been tested and found to comply with specifications for CE marking and standards per EMC and radio communications and safety Compliance.

SAFTEY

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011. Information technology equipment - Safety - Part 1: General requirements.

EMC

ETSI EN301489-1 and EN301489-3 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro-Magnetic Compatibility (EMC) standard for radio Equipment and services: Part 1: Common Technical requirements.

RADIO

ETSI EN 300 220 V2.4.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1,000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods.

Green Point System Labs
www.greenpointsys.com