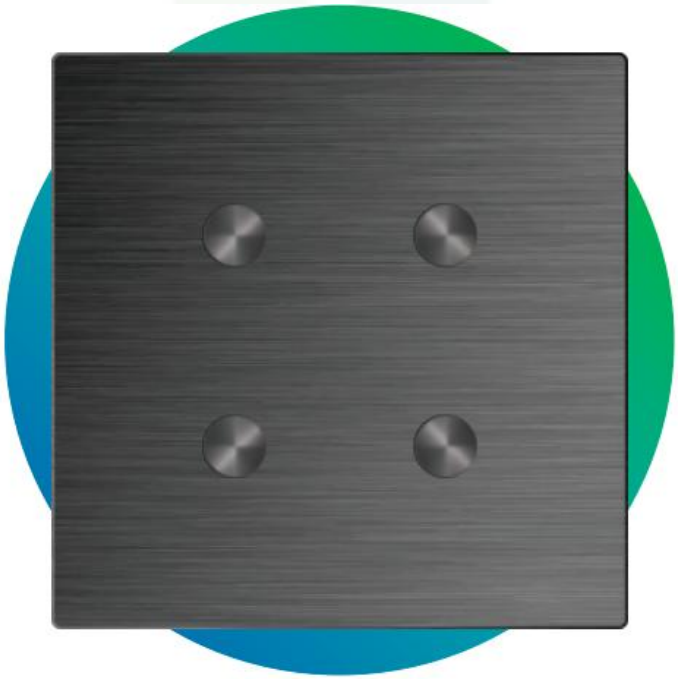
Smart Node
Simplify Your Smart Living

# HOME VIBE

## KI.HV



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## Product Overview

**Model Name:** KI.HV

**Description:** The HomeVibe Keypad is a 4-gang low-voltage smart wall switch designed for modern home and building automation systems. Operating on a 24V DC supply, this dry contact wall switch enables reliable control of up to eight scenes or any individual switch of device through its 4-button interface. Whether it's lighting, fan operation, or motorized curtains, etc.

Includes a 5-year warranty covering manufacturing defects under normal usage.

**Applications:** Ideal for smart homes, luxury residences, hotel automation, conference rooms, and commercial office spaces.

## Key Features

### 1. Control & Interaction:

- **Multi-Scene Control**: Easily switch between up to 8 pre-configured scenes using short and long press actions, such as Night Light, Relax, and TV.
- **Customizable Buttons**: Each of the 4 buttons can be programmed to control individual light, or scenes.

### 2. Design & usability:

- **Backlit Button**: Ensures visibility and ease of use in dark environments.

### 3. Compatibility & Performance:

- **Smart Home Integration**: Compatible with Wi-Fi-enabled systems for real-time control of connected devices.
- **Energy Efficient**: Consumes minimal standby power.

# Technical Specification

## Electrical Parameter:-

| | |
|---|---|
| Input Voltage | 24V DC |
| Maximum Current | 1A |
| Standby Current | 5 mA |
| Operating Current (Short Press) | 3 mA |
| Operating Current (Long Press) | 4 mA |
| Splash Resistance | Yes |
| Shock Proof | Yes |

## Physical Specification:-

| | |
|---|---|
| Product Dimensions | 86 mm x 86 mm |
| Fixed Screw Center Distance | 60 mm |
| Front Material | CNC Processed Aluminum Metal Panel |
| Back Material | ABS Fireproof Material |
| Mounting Type | Flush mount |
| Working Life | High mechanical and electrical endurance |
| Color | Rose Gold, Grey, Black |

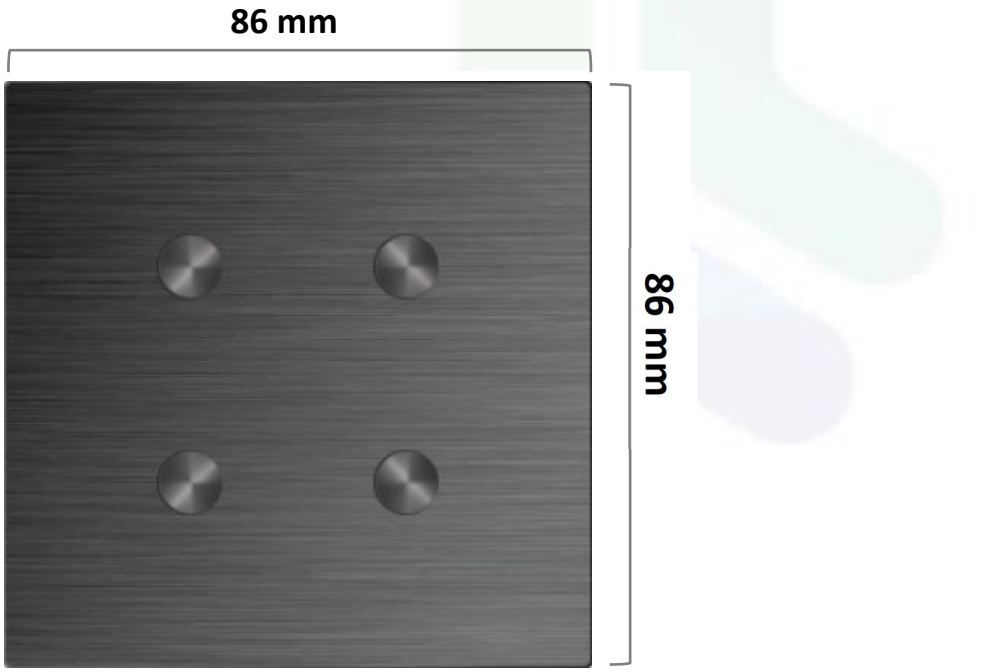
## Functional Specification:-

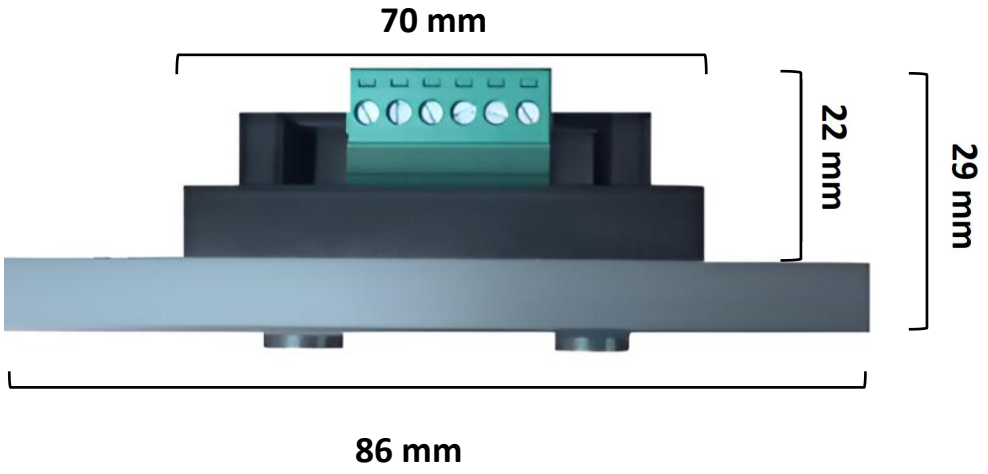
| | |
|---|---|
| Button Layout | 4 buttons |
| Touch Interaction | **Short Press:** ON,OFF, or Toggle<br>**Long Press:** Dimming up/down<br>(individual or combined) |
| LED Compatibility | Common Anode / Common Cathode |

## Environmental Conditions:-

| | |
|---|---|
| Humidity Range | 0% – 90% RH |
| Operating Temperature | -10°C to 60°C |
| Transport & Storage Temperature | 0°C to 50°C |

## Product Dimension



# Installation

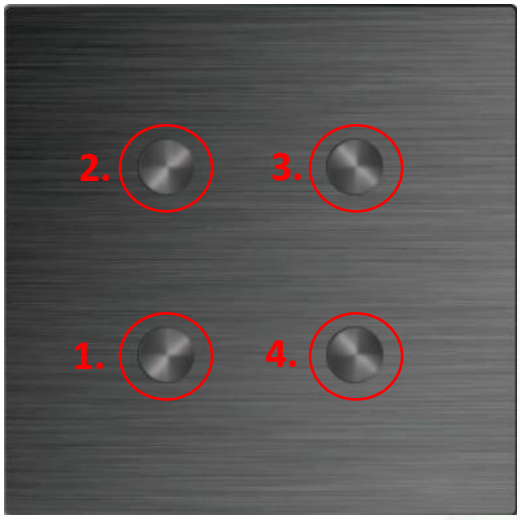
## Steps:

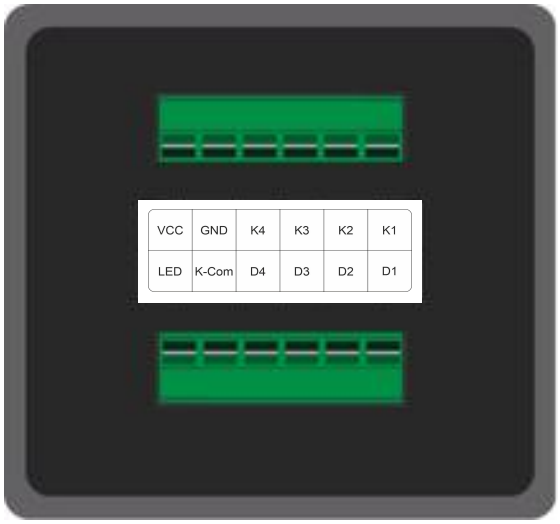
1. Mount the keypad on wall.
2. The Dupont cable from the scene controller contains 8 wires, but only the first 4 (purple, white, green, and brown) are used to connect the keypad buttons. Refer to the wire color code table for correct connections.

**Wire Color Code Table:-**

| Wire Color | Input (Switch) | Output (LED) |
|---|---|---|
| Red | VCC | VCC |
| Black | Ground | Ground |
| Purple | I1 | 01 |
| White | I2 | 02 |
| Green | I3 | 03 |
| Brown | I4 | 04 |
| Blue | I5 | 05 |
| Orange | I6 | 06 |
| Grey | I7 | 07 |
| Yellow | I8 | 08 |

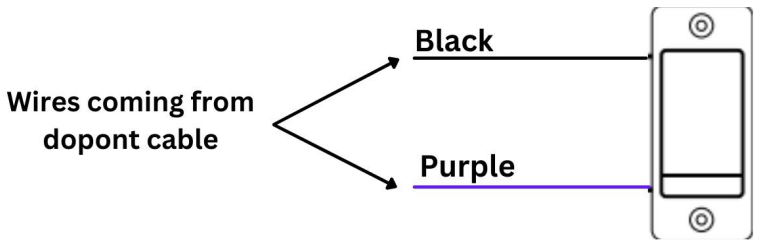
## Button Squencing & Mounting Direction




**Note:** Keep K1–K4 on the top side and D1–D4 on the bottom side to verify correct squencing.

## To Enable Configuration Mode:-




- **The switch connected with the black and purple wires starts the configuration mode.**
- **Press the switch 15 times within 6 seconds to enable the configuration mode.**