

HOME TUNE

KI.HT



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Product Overview

Model Name: KI.HT

Description: The HomeTune Keypad is a sleek, low-voltage wall-mounted interface that offers control of up to 12 scenes or individual devices via its 6-button layout. Ideal for managing lighting, fans, or motorized curtains, etc. it combines functionality with a modern, space-efficient design—perfect for smart automation setups.

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

Applications: Ideal for residential spaces, hospitality suites, office meeting rooms, and smart automation environments.

Key Features

1. Control & Interaction:

- **Multi-Scene Control:** Easily switch between pre-configured scenes such as Night Light, Relax, TV, etc.
- **Customizable Buttons:** Each button can be program to control individual light, or scenes.

2. Design & usability:

- **Minimalist Design:** Sleek and compact design made from plastic or brushed aluminum, complementing modern interiors.
- **Backlit Interface:** Equipped with backlighting for enhanced visibility in low-light conditions.
- **User-Friendly Interface:** Simple icons and labels for intuitive control.

3. Compatibility & Performance:

- **Smart Home Integration:** Compatible with Wi-Fi-enabled systems for real-time control of connected devices.
- **Durable Construction:** Lightweight and robust build with long-lasting materials.
- **Energy Efficient:** Consumes minimal standby power.

Technical Specification

Electrical Parameter:-

Input Voltage	24VDC
Maximum Current	1A
Switching mechanism	Dry contact switching interface (operates on 24VDC)
Splash Resistance	No
Shock Proof	Yes

Physical Specification:-

Front Panel Material	Plastic
Back Panel Material	ABS Fireproof Material
Color	Black
Product Dimensions	90 mm x 90 mm
Working Life	High mechanical and electrical endurance
Mounting Type	Flush mount

Functional Specification:-

Button Layout	6 buttons
Touch Interaction	Short Press: ON,OFF, or Toggle Long Press: Dimming up/down (individual or combined)
LED Compatibility	Common Anode / Common Cathode

Environmental Conditions:-

Humidity Range	0% – 90% RH
Operating Temperature	-20°C to 80°C
Transport & Storage Temperature	0°C to 50°C

Product Dimension



Installation

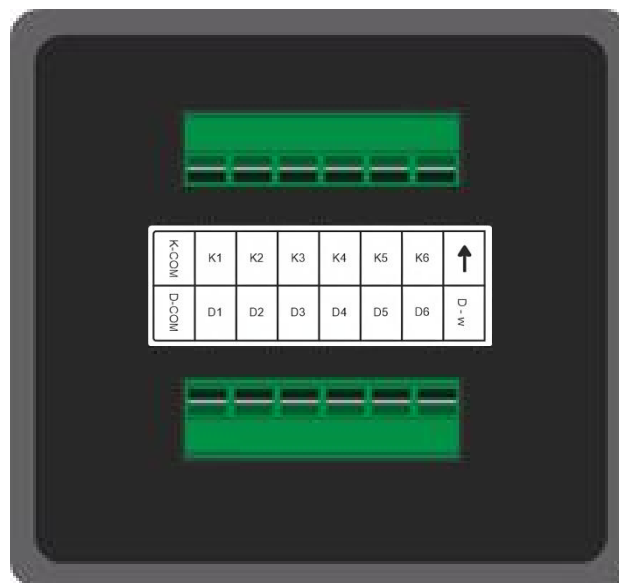
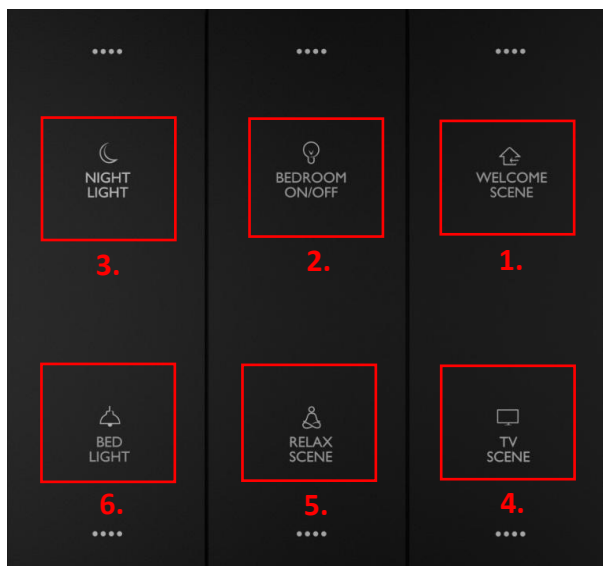
Steps:

1. Mount the keypad on wall.
2. The Dupont cable from the scene controller, six wires (purple, white, green, brown, blue, orange) that are used to connect to the K1, K2, K3, K4, K5, K6 terminals.
3. For LED connections, use terminals D1 to D6. Refer to the provided table for correct mapping.

Wire Color Code Table:-

Wire Color	Input (Switch)	Output (LED)
Red	VCC	VCC
Black	Ground	Ground
Purple	I1	O1
White	I2	O2
Green	I3	O3
Brown	I4	O4
Blue	I5	O5
Orange	I6	O6
Grey	I7	O7
Yellow	I8	O8

Button Sequencing & Mounting Direction




Note: Keep K1–K6 on the top side and D1–D6 on the bottom side to verify correct sequencing.

To Enable Configuration Mode:-

Wires coming from dopont cable

Black

Purple



- 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.