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◀ Bridging Gaps in Technology ▶

KOAL - LITE



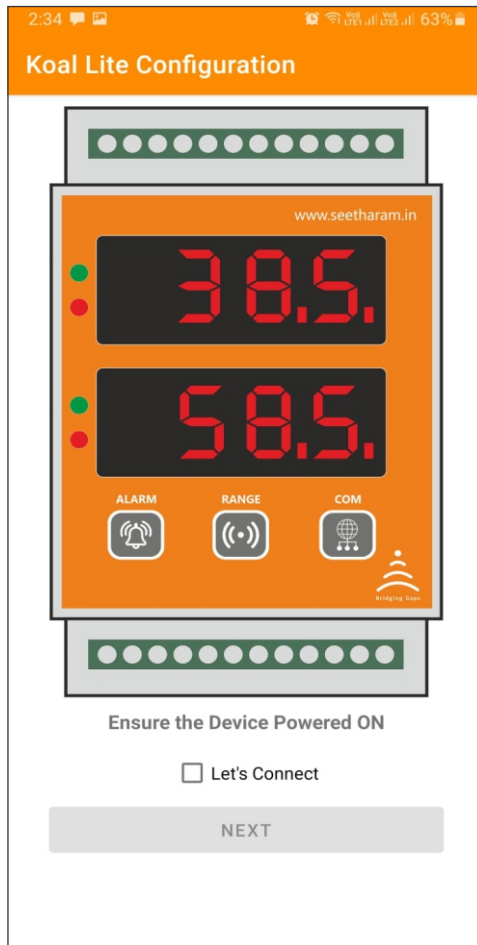
KLT - RhT

Mobile App User Guide

Read the user's manual carefully before starting to use the unit or software.
Producer reserves the right to implement changes without prior notice.

Step - 1 Instructions

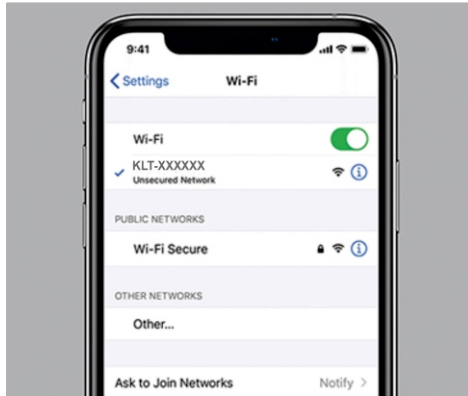
- ✓ Open Koal Lite configurator app on your Android device. Turn OFF the sensor device and Turn ON the configurator device to pair with the sensor device.



Step - 2 Device Connection

- ✓ Connect your mobile wi-fi with Koal Lite device and return to the Koal Lite configuration app and select configure.

KOAL - LITE Configuration



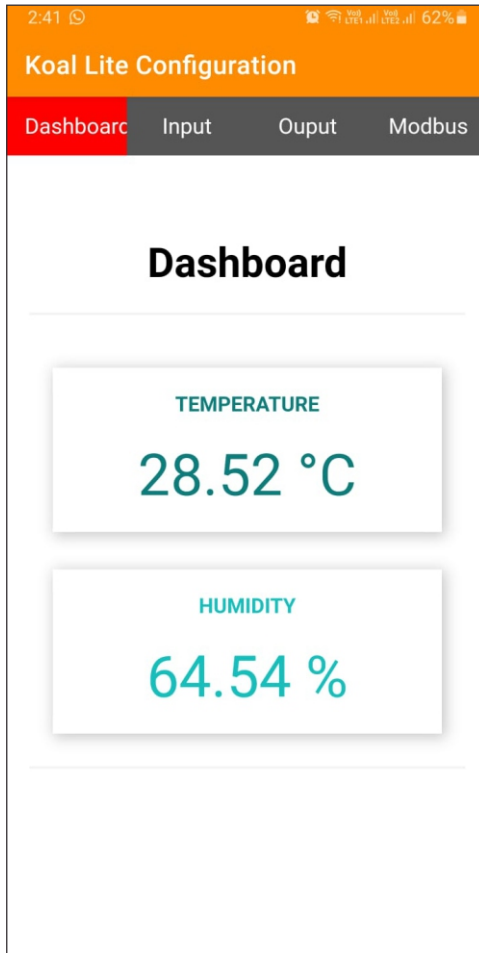
Connect your device to 'KLT-XXXXXX' and return to the KLT Configuration app

SET WIFI

CONFIGURE

Step - 3 Dashboard

- ✓ Here you can monitor device data on local dashboard



Step - 4 Output

Enter the Relay “Value” as per your Setpoint Requirement

Choose “High” for Relay operation for beyond setpoint

Choose “Low” for Relay operation for below setpoint

2:32 64%

Koal Lite Configuration

Dashboard Input **Output** Modbus

Alarm Settings

Stored Data	Value
CH 1 Logic	1
CH 1 Value	32.55
CH 2 Logic	1
CH 2 Value	67.48

CH1: Temperature

HIGH Temperature

SAVE

CH2: Humidity

HIGH Humidity

SAVE

Step - 4 Analog Output Settings

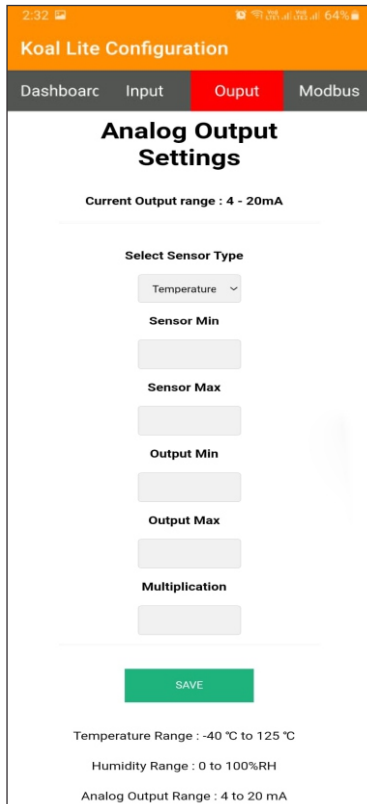
Sensor Min : Enter Minimum Process Value for corresponding to Min retransmission current values required (eg: 0°, 20° etc)

Sensor Max : Enter Maximum Process Value for corresponding to Max retransmission current values required (eg: 100°, 120° etc)

Output Min : Set Minimum Retransmission Current Value (eg: 4mA)

Output Max : Set Maximum Retransmission Current Value (eg: 20mA)

Multiplication: Default set 1, else change as per your calibration requirement



The screenshot shows the 'Koal Lite Configuration' app interface. At the top, there's a navigation bar with 'Dashboard', 'Input', 'Output' (highlighted in red), and 'Modbus'. Below this is the 'Analog Output Settings' screen. It displays 'Current Output range : 4 - 20mA'. Under 'Select Sensor Type', a dropdown menu is set to 'Temperature'. Below are input fields for 'Sensor Min', 'Sensor Max', 'Output Min', 'Output Max', and 'Multiplication'. A green 'SAVE' button is at the bottom. At the very bottom, it lists 'Temperature Range : -40 °C to 125 °C', 'Humidity Range : 0 to 100%RH', and 'Analog Output Range : 4 to 20 mA'.

Step - 5 Configuration for Modbus Devices

Enter Modbus device ID and Baud Rate (only for MODBUS Devices)

The screenshot shows the 'Koal Lite Configuration' app interface. At the top, there is an orange header with the title 'Koal Lite Configuration'. Below the header is a navigation bar with four tabs: 'Dashboard', 'Input', 'Output', and 'Modbus'. The 'Modbus' tab is currently selected and highlighted in red. The main content area is titled 'RS485-Modbus RTU Parameters'. It contains two input fields: 'Device ID' with a text input field containing 'Device ID', and 'BaudRate' with a dropdown menu showing '9600'. Below these fields is a green 'SAVE' button. At the bottom, the current configuration is displayed: 'Modbus ID : 10' and 'BaudRate : 9600'.