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◀ Bridging Gaps in Technology ▶

KOAL - LITE



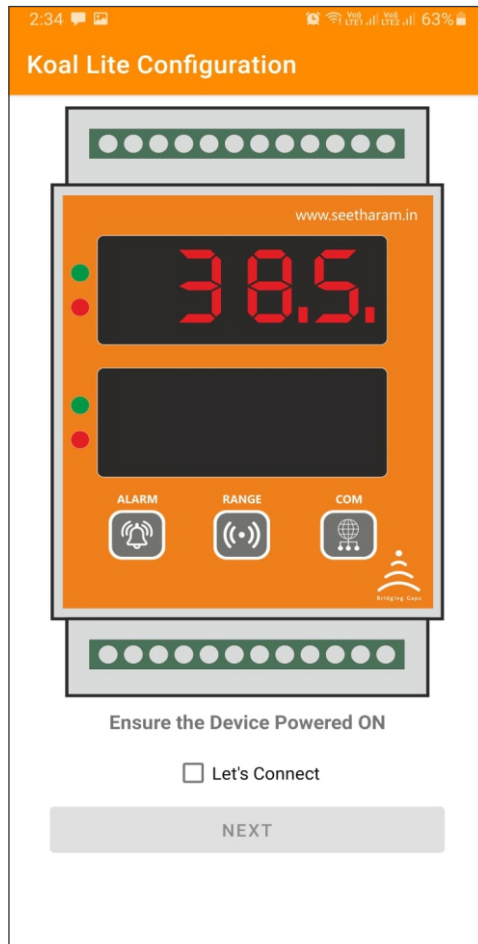
KLT - T

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

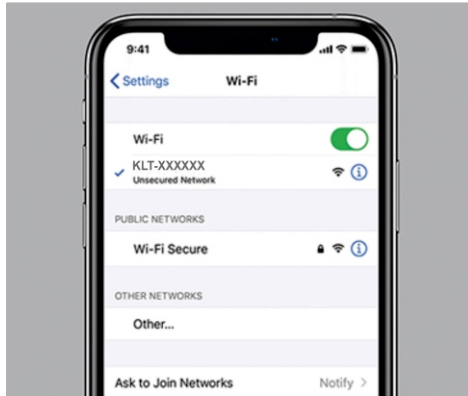
- ✓ Open Koal Lite configurator app on your Android device. Turn OFF the sensor device and Turn ON the configurator device to pair with the sensor device.



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



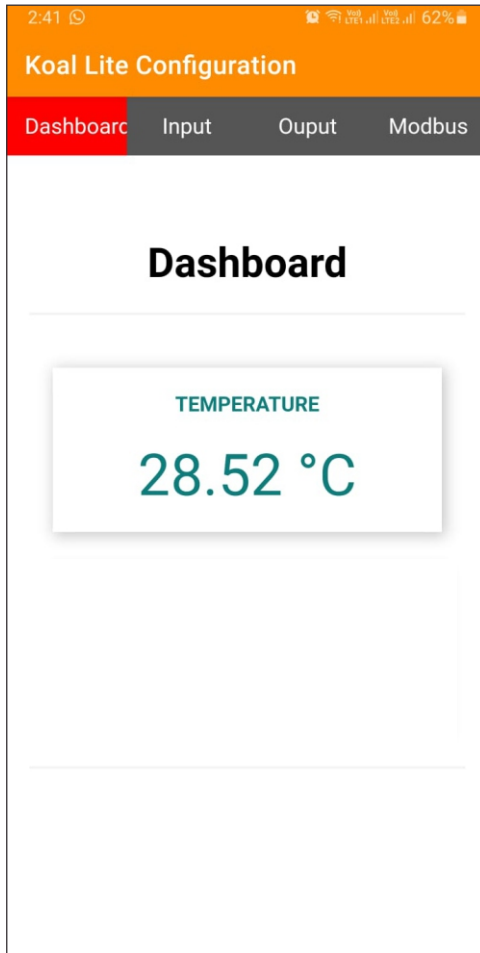
Connect your device to 'KLT-XXXXXX' and return to the KLT Configuration app

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

The screenshot shows the 'Koal Lite Configuration' app interface. At the top, there is a navigation bar with 'Dashboard', 'Input', 'Output' (highlighted in red), and 'Modbus'. Below this is the 'Alarm Settings' section. It contains a table with 'Stored Data' and 'Value' columns. Below the table, there are two sections for 'Relay 1' and 'Relay 2'. Each section has a dropdown menu set to 'HIGH' and a 'Value' input field, followed by a green 'SAVE' button.

Stored Data	Value
Relay 1 Logic	1
Relay 1 Value	32.56
Relay 2 Logic	0
Relay 2 Value	30.72

Relay 1

HIGH Value

SAVE

Relay 2

HIGH Value

SAVE

Step - 4 Analog Output Settings

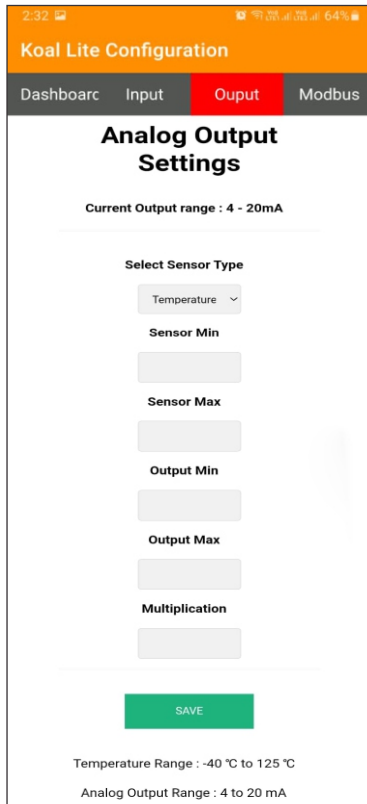
Sensor Min : Enter Minimum Process Value for corresponding to Min retransmission current values required (eg: 0°, 20° etc)

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 an orange header with the title 'Koal Lite Configuration'. Below it is a navigation bar with four tabs: 'Dashboard', 'Input', 'Output' (which is highlighted in red), and 'Modbus'. The main content area is titled 'Analog Output Settings' and displays 'Current Output range : 4 - 20mA'. Underneath, there's a section 'Select Sensor Type' with a dropdown menu currently set to 'Temperature'. Below this are several input fields for 'Sensor Min', 'Sensor Max', 'Output Min', 'Output Max', and 'Multiplication'. At the bottom of the form is a green 'SAVE' button. At the very bottom of the screen, there are two lines of text: 'Temperature Range : -40 °C to 125 °C' 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 set to '9600'. Below these fields is a green 'SAVE' button. At the bottom, the current configuration is displayed: 'Modbus ID : 10' and 'BaudRate : 9600'.