



SeethaRam
Mechatronics Pvt Ltd

◀ Bridging Gaps in Technology ▶

KOAL - LITE



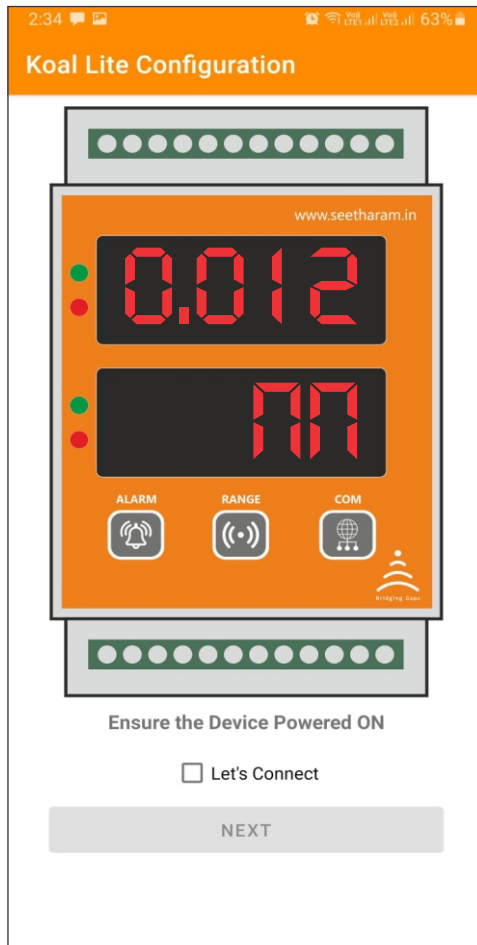
KLT - P

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

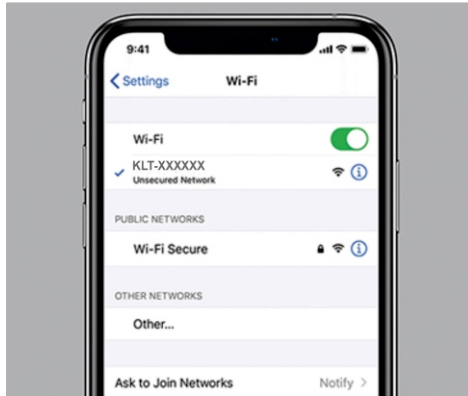
- ✓ Open Koal Lite configurator app on your Android device. Turn OFF the sensor device and Turn ON the configurator device to pair with the sensor device.



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



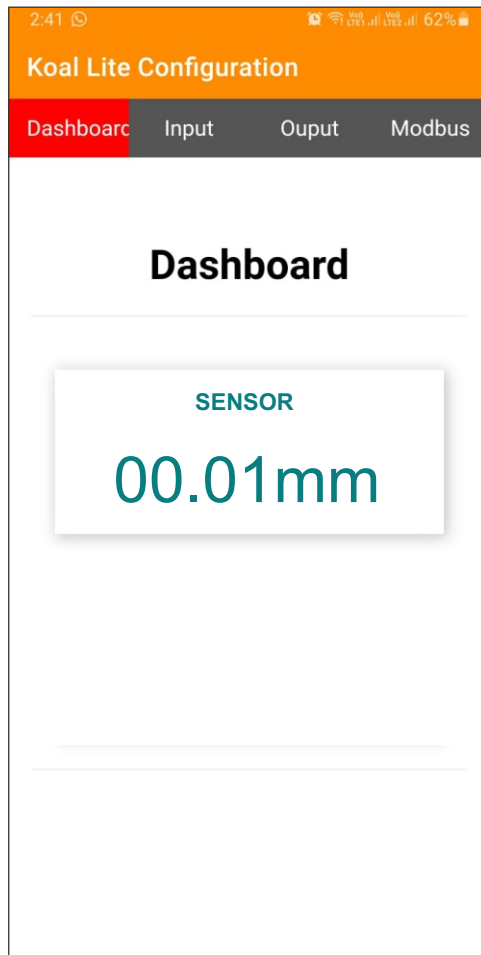
Connect your device to 'KLT-XXXXXX' and return to the KLT Configuration app

SET WIFI

CONFIGURE

Step - 3 Dashboard

- ✓ Here you can monitor device data on local dashboard



Step - 4 Input

✓ Here you can set the Input Values

The screenshot shows the 'Koal Lite Configuration' app interface. At the top, there is a navigation bar with 'Dashboard', 'Input', 'Output', and 'Modbus'. Below this, there are two tabs: 'Loadcell' and 'Analog'. The 'Analog' tab is selected. The main content area is titled 'Analog Settings' and contains several input fields: 'Input Type' (a dropdown menu set to 'Voltage'), 'AI Min', 'AI Max', 'PV Min', 'PV Max', 'Multiplication', and 'Eng Unit'. Each of these fields has a corresponding empty text input box below it. At the bottom of the form is a green 'SAVE' button.

The screenshot shows the 'Koal Lite Configuration' app interface. At the top, there is a navigation bar with 'Dashboard', 'Input', 'Output', and 'Modbus'. Below this, there are two tabs: 'Loadcell' and 'Analog'. The 'Analog' tab is selected. The main content area is titled 'Analog Settings' and contains a table with the following data:

| Stored Data | Value |
|----------------|---------|
| Input Type | Voltage |
| AI Min | 0 |
| AI Max | 10.00 |
| PV Min | 0 |
| PV Max | 100 |
| Multiplication | 1 |
| Eng. Unit | Pa |

Step - 5 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. A table displays the current configuration for two relays:

| Stored Data | Value |
|---------------|--------|
| Relay 1 Logic | 1 |
| Relay 1 Value | 50.00 |
| Relay 2 Logic | 1 |
| Relay 2 Value | 100.00 |

Below the table, there are two sections for configuring Relay 1 and Relay 2. Each section includes a dropdown menu for logic (currently set to 'HIGH') and a text input field for the 'Value'. A green 'SAVE' button is located below each configuration section.

Step - 5 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

Koal Lite Configuration

Dashboard Input **Output** Modbus

Analog Output Settings

Current Output range : 4 - 20mA

| Stored Data | Value |
|----------------|--------|
| Sensor Min | 0.00 |
| Sensor Max | 100.00 |
| Output Min | 4.00 |
| Output Max | 20.00 |
| Multiplication | 1.00 |

Select Sensor Type

Current ▾

Sensor Min

Sensor Max

Output Min

Output Max

Multiplication

SAVE

Step - 6 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 as 'Modbus ID : 10' and 'BaudRate : 9600'.