



SeethaRam
Mechatronics Pvt Ltd

◀ Bridging Gaps in Technology ▶

KOAL - LITE



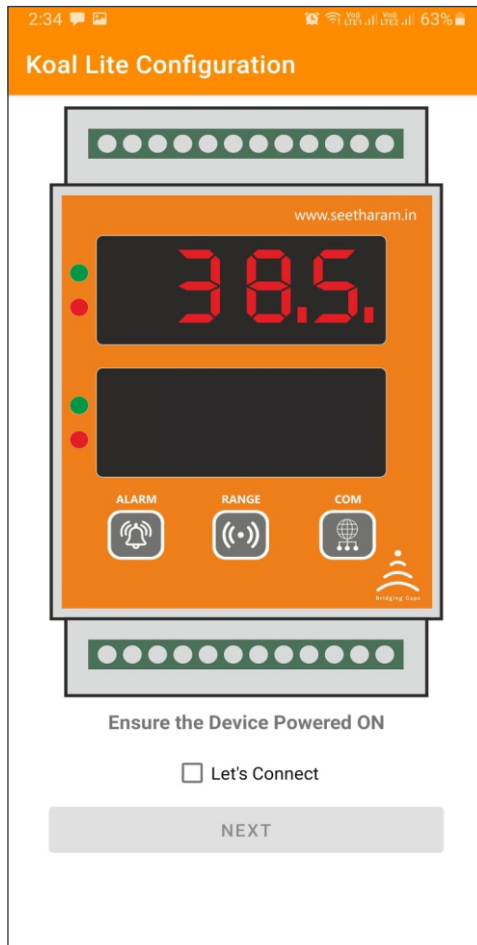
KLT - S

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

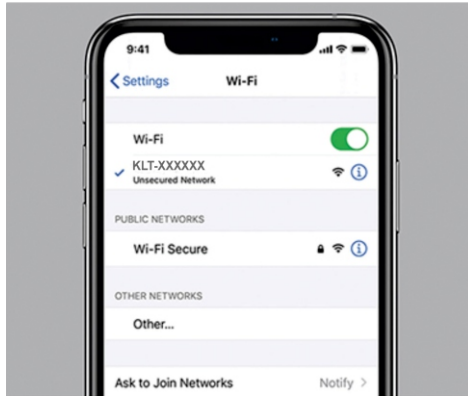
- ✓ Open Koal Lite configurator app on your Android device. Turn OFF the sensor device and Turn ON the configurator device to pair with the sensor device.



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



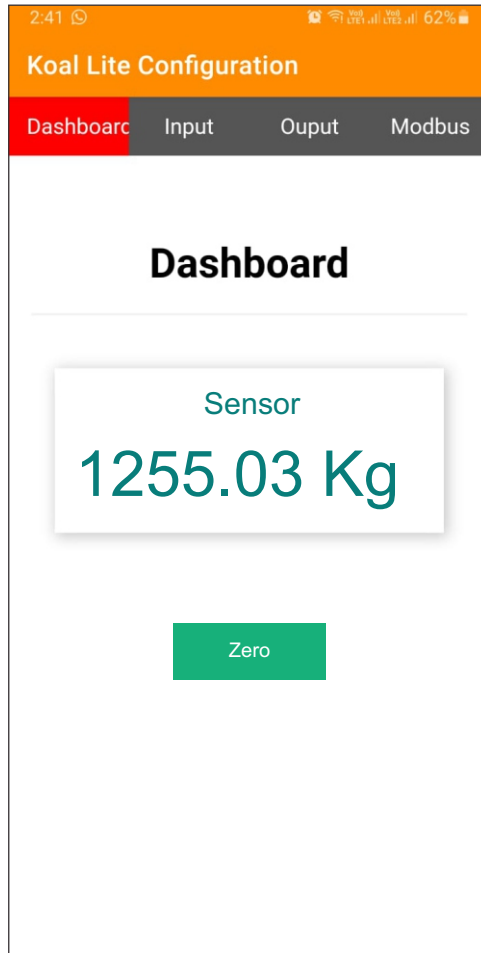
Connect your device to 'KLT-XXXXXX' and return to the KLT Configuration app

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 an orange header with the title 'Koal Lite Configuration'. Below the header is a navigation bar with four tabs: 'Dashboard', 'Input' (highlighted in red), 'Output', and 'Modbus'. The main content area is titled 'Loadcell Settings' and contains a table with the following data:

Stored Data	Value
Sensitivity(mV/V)	1.00
Rated Capacity	5000.00
Multiplication	1.00
UNIT	Kg
User Data	SRMPL

Below the table, there are six input fields corresponding to the table rows, each with a label and a text input box:

- Sensitivity(mV/V)
- Rated Capacity
- Multiplication
- Engineering Unit
- User Data

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 set to 'HIGH' and a text input field labeled '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	1000.0
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)

2:33 63%

Koal Lite Configuration

Dashboard Input Output **Modbus**

RS485-Modbus RTU Parameters

Device ID

BaudRate

SAVE

Modbus ID : 10
BaudRate : 9600