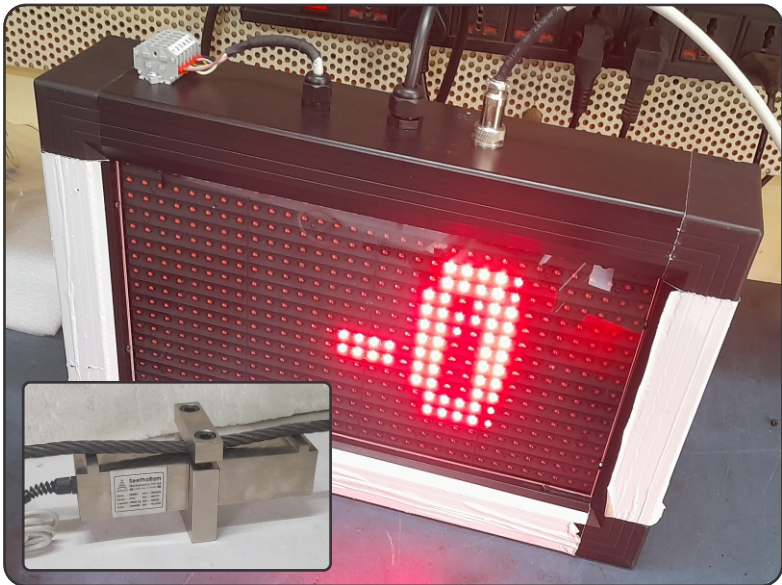




**SeethaRam**  
Mechatronics Pvt Ltd

◀ Bridging Gaps in Technology ▶

# Rope Tension Loadcell - RTALC



**KLT - S - BD**

## 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 RTAL configurator app on your Android device. Turn OFF the sensor device and Turn ON the configurator device to pair with the sensor device.

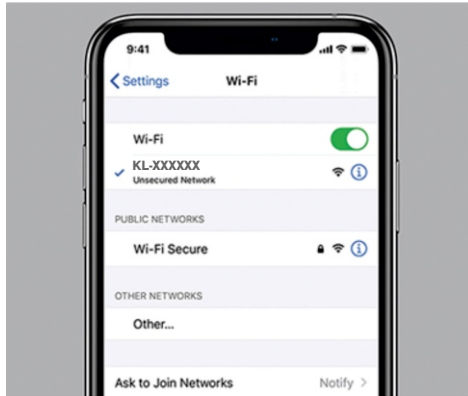


## Step - 2 Device Connection

---

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

### KOAL - LITE Configuration



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

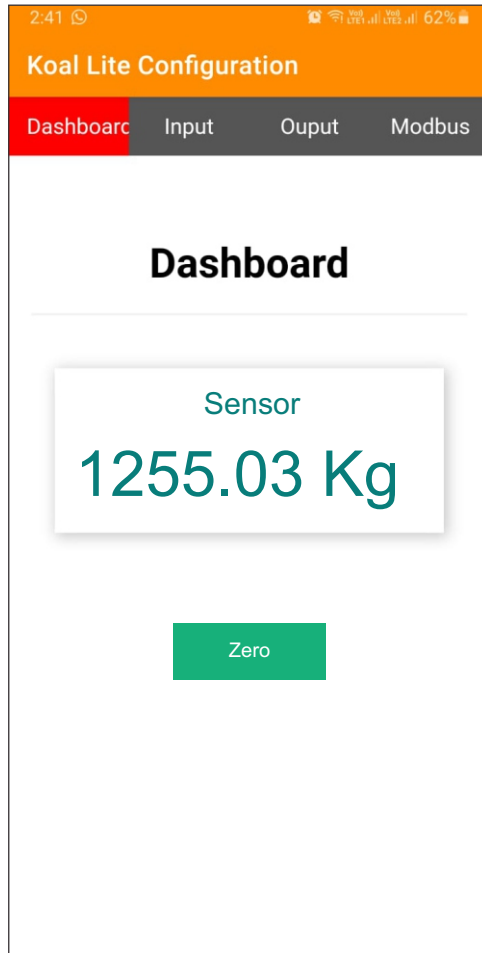
SET WIFI

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 five input fields with labels: 'Sensitivity(mV/V)', 'Rated Capacity', 'Multiplication', 'Engineering Unit', and 'User Data'. Each label is followed by a light gray rectangular input box.

## 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. It contains a table with the following data:

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 'Relay 1' and 'Relay 2'. Each section has a dropdown menu set to 'HIGH' and a 'Value' input field. A green 'SAVE' button is located below each 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