

STEP 7: STORING LOAD CELL RATINGS

1. Ensure the Libra Feed device and app are paired and connected.
2. Ensure units (lb, kg) are set to those of the *Rated Capacity* found previously.
3. Select the *Device* tab and enter the *Sensitivity* and *Rated Capacity* noted previously.
4. Ensure the *Calibration Factor* is set to 1.0.
5. Tap *Save Settings*.
6. Tap *Zero Scale* and confirm.
7. Select the *Display* tab and tap *Tare*.
8. Apply a known weight (perhaps your body weight) to one of the load cells, recording the displayed weight. Repeat with each remaining load cell.

If the load cells agree and are roughly correct, Go to Step 8. If the load cells agree but are roughly half of that expected, double the *Rated Capacity* entered previously. If weights do not agree, check wiring and load cell orientation.

STEP 8: CALIBRATION

1. Ensure the Libra Feed device and Libra Feed app are paired and connected.
2. Ensure the mixer is empty and on level ground.
3. Select the *Device* tab and tap *Zero Scale*.
4. Select the *Display* tab and fill the mixer with a known weight and note the reading from the large display on the app. Larger weights provide higher precision.
5. Select the *Device* tab and enter the known weight as the *Certified Reading*.
6. Enter the noted weight from the app's Display as the *Mixer Reading*.
7. Tap *Calculate* to compute a new Calibration Factor.
8. Tap *Save Settings*.

For additional support, visit the Libra Feed section at support.agrimatics.com.

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LIBRA™ FEED

Getting Started Guide

A step-by-step guide to installation and initial set-up for Libra Feed



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STEP 1: BATTERY INSTALLATION

1. Remove the lid of the Libra Feed device.
2. For first-time operation, remove the insulator pull-tab.
3. Ensure that the battery is well seated with correct polarity.
4. Secure the lid by hand tightening the screws completely.

Libra Feed uses either a 1.5V or 3.6V AA lithium battery. For maximum battery life, use a 3.6V battery.

STEP 2: DEVICE INSTALLATION



Mount the Libra Feed device to the front of the mixer with its connectors **pointing downward**, preferably protected from direct exposure to the elements. Connect the mixer's load cell junction box cable to the device.

If you have a 12-volt vehicle battery power cable, you can connect it to the device's power connector. If not, cover the unused power connector with the supplied cap. Secure any excess cable.

WARNING: Vehicle battery connection shall be in accordance with all vehicle safety instructions including 4A SLOW ACTING protective fusing with minimum 20 AWG wiring.

STEP 3: DOWNLOADING THE APP

Download the app from the App Store by searching for "Libra Feed."



STEP 4: CREATE A CLOUD ACCOUNT

Create a cloud account to securely back up your data, access it online anytime, and easily recover it if needed.

1. Tap the *More* tab then the *Cloud* tab in the Libra Feed app.

2. Tap *Enable Backup* and view and accept the Terms and Conditions.
3. Tap *I Don't Have An Existing Account* for a new account, or *Join Existing Account* if you have previously created an account.
4. Provide a Google Account email (required for cloud website access).
5. Tap *Create Account* to complete.

STEP 5: PAIR APP TO DEVICE

Pair directly through the Libra Feed app in the Mixers tab, NOT through your general smartphone/tablet Bluetooth settings.

1. Ensure Bluetooth is enabled on your mobile device.
2. Bring your mobile device to the Libra Feed device and launch the Libra Feed app.
3. Select the *Settings* tab and ensure *Primary Display* is selected for the main mobile device in the mixer. Pairing a remote display can only be done after the primary display has been paired.
4. Select the *Mixers* tab.
5. Tap *+* to pair to the Libra Feed device.
6. Provide a name for the mixer, choose the desired weight display format (e.g., 10 lb, 20 lb), and tap *Done* to finish.
7. Your device will appear as "Weight Device Paired", indicating successful pairing.

STEP 6: FINDING LOAD CELL RATINGS

If you have an existing indicator:

Find and note the calibration number of your existing indicator as the *Rated Capacity* (lb), and use 0.40 as the *Sensitivity*. Please consult the existing indicator's user manual for help retrieving the calibration number.

Go to Step 7.

In all other cases:

Read and note the *Sensitivity* (*Rated Output*) and *Rated Capacity* (*Rated Load*) from any one load cell on the mixer. Multiply the *Rated Capacity* by the number of load cells on the mixer. If specifications are unavailable, a good starting point is a *Sensitivity* of 0.40 and a *Rated Capacity* of 8000 lb multiplied by the total number of load cells.

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