



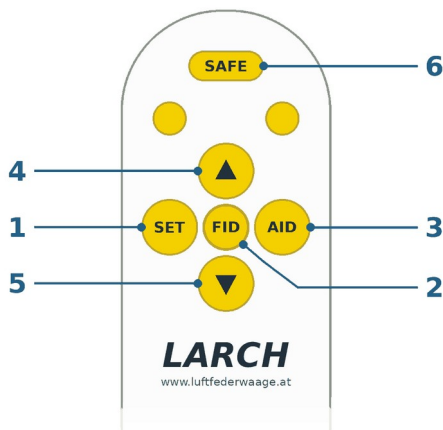
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QUICK GUIDE CALIBRATION

Air suspension scale

LFW-SP-20-KAL

Calibration with the remote control



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Device / version	LFW-SP-20-KAL V311026
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1 General notes on calibration

For the display unit to work correctly, each axle must be calibrated in the loaded and in the unloaded condition before commissioning.

To do this, determine the weight of each axle using axle weighing pads or a weighbridge. Immediately after weighing, enter the values into the display unit as described in section 2.

Requirements

- Vehicle free of tension: parking brake released.
- Vehicle stands on a level surface.
- Pusher or tag axles are lowered.

These requirements also apply to every weighing during operation.

The accuracy of the system depends essentially on the care taken during calibration and on the mechanical parts of the vehicle.

Note

For calibration in the loaded condition, the vehicle should be loaded as fully as possible.

2 Calibration

2.1 Remote control

Calibration is carried out with the IR remote control. The following keys are used for calibration:

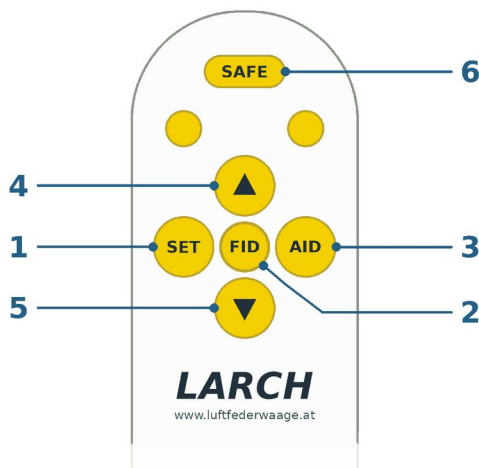


Fig. 1 – IR remote control with key numbers

No.	Key	Function during calibration
1	SET	Start calibration (press briefly).
4	▲	Prompt “L – H”: select “H” (loaded). Set the weight.
5	▼	Prompt “L – H”: select “L” (unloaded). Set the weight.
6	SAFE	Save the value and move on to the next axle.

L = unloaded (empty calibration), H = loaded (full calibration). Keys 2 (FID) and 3 (AID) are not needed for calibration.



2.2 Calibration unloaded

1. Briefly press the **SET** key (1).
2. Confirm the prompt "**L - H**" with the ▼ key (5).
3. The info display alternates between "**L**" and the axle currently being set.
4. Enter the previously determined weight of the axle with the ▲ (4) and ▼ (5) keys.
5. The **SAFE** key (6) saves the value and moves on to the next axle.
6. After the last axle has been saved, the calibration ends with the message "**SAFE**".

This completes the empty calibration.



2.3 Calibration loaded

1. Briefly press the **SET** key (1).
2. Confirm the prompt "**L - H**" with the **▲** key (4).
3. The info display alternates between "**H**" and the axle currently being set.
4. Enter the previously determined weight of the axle with the **▲** (4) and **▼** (5) keys.
5. The **SAFE** key (6) saves the value and moves on to the next axle.
6. After the last axle has been saved, the calibration ends with the message "**SAFE**".

This completes the full calibration.

Note

The data remains stored even when the display unit is disconnected from power.



3 Contact



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