



LINEGRIP[®]
slackline softpointing in perfection

lineScale 3i+

Electronic Bluetooth Load Cell
PPE Certified (EU, CE and UIAA)

Quick Start Guide

QSG ver. 2.6



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This quick guide will get you started with the basic, most frequent operating functions. Please refer to the overleaf instructions for MENU operation and available setup options. You will find downloads, certificates, manuals, and a knowledge-base on www.linegrip.com/LS3

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Long press to switch on / off.

Short press (when powered on) to enter the settings and configuration menu.

- Log settings
- Date & Time settings
- User settings
- Service Menu (Operate carefully in this menu! Wrong settings can render the LS3 inoperative!)

Short press to toggle the scan rate.

- 10Hz (100ms)
- 40Hz (25ms)
- 640Hz (1.5ms)
- 1280Hz (0.75ms)

Note: BT connection to smartphone app is possible with 10Hz and 40Hz setting only.

Long press to toggle onboard logging active/paused with the settings defined in the Log-Menu.

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Long press to toggle onboard logging active/paused with the settings defined in the Log-Menu.

In the "User Settings" you may modify the "Auto Power Off" function, which is set to 10 minutes by default. This will power off the LS3 automatically after the specified time has passed since the last button press or load change was registered. The "Power save & lock" function is set to 5 minutes by default. This will not affect or interrupt onboard logging or active BT connection. When the display is "locked" the LS3 will run about 4 times longer on a single battery charge. When the "lock symbol" or "lock screen" is displayed you can unlock the device by pressing the PWR & ZERO buttons simultaneously(!). With the same button combination you can manually lock the device anytime on the main screen (even while logging is active and running) to save power. Please refer to the online knowledge base or the downloadable PDF user manual for detailed operating instructions and LOG function explanation.

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Short press to toggle display units.

- kN (kilonewton)
- kgf (kilograms force)
- lbf (pounds force)

Long press to toggle PEAK mode. The load display will freeze the highest value reached since the PEAK mode was activated.

Short press to set relative zero (in REL mode), reset MAX/MIN (in ABS mode), or reset PEAK value.

Long press to toggle REL(ative) / ABS(olute) mode. REL mode will show load value relative to the current set relative zero. ABS mode will always show the true / real load value relative to the calibrated absolute zero.

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NOTICE FOR PPE APPLICATION Please fully read and understand the included PPE manual before using the LineScale-3 for PPE application!

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Technical Specifications

- Working load limit (WLL): 30 kN (6700 lbf)
- Minimum breaking strength (MBS): 90 kN (22000 lbf)
- Recommended PPE max. load: 10 kN (2200 lbf)
- Max. measuring range: -10 % to 110 % of WLL
- Sensor scan rate (cycle rate): 1280Hz, 640Hz, 40 Hz, 10Hz
- Weight (incl. battery): 530 g (18.3 oz)
- Measurements (L x W x T): 190 x 90 x 20 mm
- Material body: High strain aviation aluminum alloy LY12CZ
- Display units: kN / kgf / lbf
- Display division (resolution): 0.01 kN / 1 kg / 2 lbf
- Measure error: ±0.5% (@3kN-15kN)
- Operating temperature: -10 to +40 °C
- Storage temperature: -20 to +70 °C
- Relative humidity: 10% to 80% RH
- Power: 3.7V 1600mAh rechargeable Li-Ion battery pack
- Operating endurance: ca. 50 hours continuous (24h w. bluetooth enabled)
- Bluetooth 4/5 interface (w. smartphone app)
- Protection Class: IP68-0.1m (water proof 10cm submerge for max. 1h!)

Your device's Bluetooth MAC-Address is engraved above the display. This is used for unit identification in the smartphone app when multiple units are in Bluetooth reach, and it is also the serial number of your unit.

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Scan QR-code to download users manual, apps, firmware, certificates, and access FAQs.



CE 1019

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