



lineScale-2

Electronic Bluetooth Dynamometer

Quick Start Guide

QSG ver. 1.0



This is a quick start guide with the basic, most frequent operating functions.
 You will find a detailed users manual, FAQs, and knowledge-base on www.linegrip.com/ls2



Short press to switch on / off.

Long press (when powered on) to calibrate absolute zero when lineScale does not show „0“ in unloaded condition.

After long press, lineScale will display „Abs 0“. Confirm calibration with >0< button. Abort calibration by pressing power button again.



Short press to set relative zero at the current load value (will work only in ZERO mode).

Long press to toggle ZERO / NET mode. ZERO mode will show load value relative to the current set relative zero. NET mode will always show the true / real load value relative to the calibrated absolute zero.

To enter SETUP menu: when power off, hold >0< button and short press POWER. In setup you may change AUTO POWER OFF, which is deactivated by default. Press HOLD button until you reach menu item „4. off“, press >0<, scroll to the desired value (in Minutes), e.g. „=5n“, and then press >0< to confirm. The lineScale will exit to the menu. Now press POWER to save and shut off. For explanation of the other setup menu items, please refer to the online manual.



Short press to hold the current display value. The display will not update any load changes! Short press again to deactivate hold.

Long press to toggle fast / slow scan rate.
 FAST = 40Hz (25ms) scan rate.
 Use to capture dynamic load events.
 SLOW = 10Hz (100ms) scan rate.
 Use to monitor static load of slackline.



Short press to hold display at peak value. The display will freeze at the highest value reached since the PEAK mode was activated. Short press again to deactivate peak.

Long press to toggle display units.
 kN = kilonewton
 lbf = pounds force
 kgf = kilograms force



THIS DEVICE IS NOT PPE CERTIFIED!

Therefore, DO NOT use the lineScale as part of personal protective equipment (PPE) systems such as fall arrest, or rescue systems, etc!



Technical Specifications

- Working load limit (WLL): 30 kN (6600 lbf)
- Minimum breaking strength (MBS): 80 kN (17900 lbf)
- Max. measuring range: -10 % to 110 % WLL
- Weight (incl. battery): 495 g (17 oz)
- Measurements (L x W x T): 190 x 90 x 20 mm
- Material body: High strain aviation aluminum alloy LY12CZ
- Display units: kgf / lbf / kN
- Display division (resolution): 1 kg / 2 lbf / 0.01 kN
- Measure error: less than ±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 1000mAh rechargeable Li-Ion battery pack
- Operating endurance: ca. 50 hours continuous (24h w. bluetooth enabled)
- Bluetooth 4 interface (w. smartphone app)
- Sensor scan rate (cycle rate): 40 Hz (25 ms) & 10Hz (100ms)
- Protection Class: IP64 (splash proof only, **do NOT submerge in water!!!**)

lineGrip Corporation Ltd.

Hauptstrasse 41
 67714 Waldfishbach
 Germany

Contact: Mr. Andy Riedrich
 Phone: +49 6333 603 00 22
 Mobile: +49 170 996 91 92
 info@linegrip.com • www.linegrip.com

Scan QR-code for detailed users manual, App download, FAQs, and knowledge-base

