

LOAD-MASTER LM-W

WIRELESS LOAD CELL SYSTEM USER GUIDE

T24-7224A V1.1



Force Logic UK Ltd

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KEY FUNCTIONS

- ON/OFF** Press and hold ON/OFF for approximately 2 seconds. Display shows software version, then 'BUSY' while unit acquires radio signal from load cell.
Live reading will now be displayed. Press and hold to switch off.
(Auto switch-off after 20 mins. of no activity)
- TARE** Press to select NET/GROSS value. On start-up the display will show previously used setting (GROSS, or previous NET value). Gross weight is indicated when arrow above 'G'. Net weight is indicated when arrow is above 'NET'.
- PEAK HOLD** Press to display only maximum measured load. Display flashes while in PEAK mode.
Press again to return to live reading mode.

WARNING INDICATIONS

- 'SIG LOW'** Indicated when unit is out of range, or not line of sight. Signal strength will be affected by battery life.
- 'BATT LOW'** Indicates low battery condition. Displayed when battery voltage drops below 2.4V
Separate indication for handset & load cell.
- 'ERROR'** Indicated when the radio transmitter is not receiving a signal from the load cell. In this case, contact supplier for service.
- 'OVERLOAD'** Indicated when load cell rated capacity is exceeded by 2%

(If overload occurs, do not use load cell and return to supplier for inspection and calibration)

Yearly inspection and re-calibration is advised to ensure correct operation and safe use.

For **calibration** or **service**, return to:

Force Logic UK Ltd

N4 Lambs Farm Business Park
Swallowfield
Berkshire
RG7 1PQ
+44 (0) 118 988 8807
service@force-logic.co.uk

SPECIFICATIONS

DISPLAY UNITS	tonne
WIRELESS RANGE	100M (line of sight) minimum
MAX. ERROR	0.25 % of reading
WORKING LOAD LIMIT	1 x rated capacity
SAFETY FACTOR	5 x rated capacity
BATTERY (handset)	2 x AA (LR6)
BATTERY (load cell)	2 x AAA (LR03)
BATTERY LIFE	250 hours minimum

SAFE USE

LOAD-MASTER is designed to accept all makes of Safety Bolt Shackle. Check that shackles are of correct load rating relative to the maximum capacity of the load cell. Check that the pin is the correct diameter for the load cell attachment hole bushes. Whichever hardware is used to attach the load cell, always ensure they are of adequate strength to carry the maximum load of the load cell. For lifting applications or overhead weighing, correct working practices should be followed as per published regulations.

LOAD-MASTER load cells are proof loaded prior to calibration to ensure compliance and safety of the load measurement operation. They are supplied with a Certificate of Calibration & Conformity valid for 1 year. It is recommended they be returned to the address above for re-calibration after 1 year to ensure correct operation and measurement accuracy as per the specifications. A new Certificate of Calibration & Conformity will be issued. Do not use the device if any of the stated warning indications are displayed. If the unit is suspected of being damaged, faulty, or has been overloaded, it should be immediately returned for inspection and re-calibration.

WARRANTY

This equipment is provided with 1 year warranty from date of supply, against manufacturing or operational defects, when used in accordance with manufacturers instructions and specifications.

This warranty does not cover misuse, accidental damage, incorrect installation, or damage in transit. Faults arising from these conditions will be considered on an individual basis on return of the faulty item.

The device should not be altered, modified or adapted in any way as to affect it's operation or use.

Any repair or calibration should be carried out by the manufacturer or manufacturers authorised persons.

DECLARATION OF CONFORMITY

Complies with the essential requirements and all other relevant provisions of the following directives:

EMC Directive 2004/108/EC.

R&TTE Directive 1999/5/EC.

Machinery Directive 2006/42/EC



RoHS

According to Article 4 of Directive 2011/65/EC all components are fully compliant where necessary.

WEEE

These products should be disposed of at a designated collection point for the correct recycling of electrical and electronic equipment under the European Union WEEE Directive 2012/19/EU.

