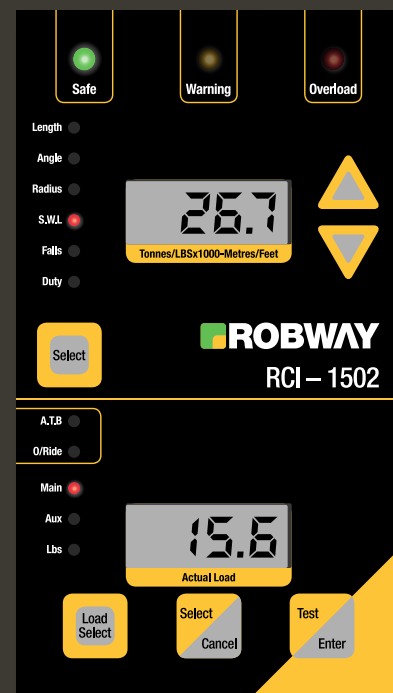# RCI–1502 **Rated Capacity Indicator**

ROBWAY

Cost-effective solutions / World-wide support / Quality and innovation

- Compact, powerful computer

- Standard data-logging feature

- Single & twin winch load capacity

- Includes anti-two-block & over-ride

- Back-lit display for night operation

- On-board calibration

- Motion cut & audible outputs

- Plug-in cables

- Compatible with radio transmitters

- Extensive loadchart memory

- Simple calibration techniques

- Fully tested against temperature, humidity & vibration

Features

- Multiple analogue sensors (load, angle, length)

- Reverse power connection protection

- Outputs for motion cut and alarms

- On-board pushbutton calibration

- Unit conversion feature via function code

- Designed for:

  - mobile cranes

  - shipyard/harbour level luffers

  - tower cranes

  - offshore pedestal cranes (area classification:
  safe area cabin and zone 1 or zone 2 boom)

- LCD window for viewing boom length, angle, radius,
  safe working load (SWL), falls or parts of line, and
  duty (crane configuration) via a select button.

- Continuous display of active hook load
  (main or aux winch)

- Audible alarm and LEDs (green/amber/red) on the
  display panel for visual indication of SWL percentage
  and alarm conditions.

- Digital inputs for optional proximity switches used to
  monitor boom position around the areas of operation
  as specified by the crane's load charts.

- Easy interface with the Robway 8801 Dual Axis Tilt
  Indicator Unit for crane level indication and alarm

- Outputs for optional external warning lights

- Metric or Imperial unit selection via function code

- Serial interface for optional wind speed (anemometer)
  sensors, encoders for monitoring hook height and trolley
  radius on tower cranes, radio/wireless devices, and
  Robway E-Log Unit.

Specifications

- Reverse polarity protection

- Low and over-voltage protection

- Ultra low power consumption

- Operating voltage of 10.5 VDC to 40 VDC

- For VAC input supply, optional AC to DC power supply
  is provided

- Industrial working temperature range of -20°C to 70°C

- Standard 4 analogue inputs for load, length, and angle
  sensors

- Standard 3 digital (switch) inputs, one motion cut relay
  output, and 3 relay outputs for external warning lights.

- Fully tested against humidity and vibration

- Lightweight, aluminum display enclosure rated to IP64