

PRODUCT APPLICATION



EASYWEIGH® 128200 Digital Weighing System

- ◆ Reliable UHF Radio Remote communication 300m+.
- ◆ Easyweigh® System allows trailers to be interchanged from truck to truck without recalibration.
- ◆ Outputs for Printer, Computer & Datalogger.
- ◆ Small, weatherproof and shockproof.
- ◆ Digital calibration (no screw adjustment).
- ◆ Plain English menu driven setup & operation.
- ◆ Active self diagnostics.
- ◆ One display will read any vehicle fitted with an Easyweigh® system without adjustment.
- ◆ Ideal for fleet operators & drivers who load themselves.
- ◆ No fixed indicator in cabin.
- ◆ Power Supply 10 - 30Vdc
- ◆ Backlight, limits, serial outputs and diagnostics fully functional in Remote mode.
- ◆ Accepts up to 3 channels (B Double).
- ◆ Only two robust buttons (for all functions).
- ◆ Also Suited for Elphinstone Platform Scales and Portable Weighbridges.

**PROUDLY DESIGNED AND
BUILT IN AUSTRALIA**

Description

ELPHINSTONE EASYWEIGH® is a unique Scale System which has been designed by people in the field, not from behind a desk.

The System incorporates full portability via **UHF radio frequency** communication, high reliability by utilising 12 volt signals which are unaffected by moisture, transmitted through a 3 conductor cable.

Operation is very simple with only two large buttons and a plain English, **menu driven**, backlit display. The unit is weatherproof, shockproof and constructed in tough PVC.

The System offers benefits never before seen in the weighing industry such as the ability to interchange trailers and trucks without adjustment. This allows **one truck to connect to any trailer** fitted with the system without adjustment. One indicator can display weights from any truck within range, enabling a loader mounted indicator to display the weights of any truck from a fleet of vehicles. This is also very convenient for the truck driver who loads himself.

The system utilises the same loadcells which have been used and proven in Australia and overseas since 1976. Can be connected to Elphinstone Loadcells, EasyAir transducers and most other brands.

Easyweigh® Specifications

Display

- **Type:** Dot Matrix LCD, backlit with LED panel for low light conditions
- **Size:** 6mm High Digits
- **Graduations:** 5, 10, 20, 50, 100 kg/lb (selectable)
- **Range:** 0 - 199,995

Electrical

- **Power Input:** 10 - 30 Vdc
- **Low Power Indication**
- **Excitation:** 5Vdc (drives up to 12 x 350Ω L/Cells)
- **Remote:** Powered by enclosed rechargeable NiCad battery

RF Transmission: 434 MHz (UHF)

Physical

- **Size:** W=100, H=180, D=63
- **Weight:** 800 grams
- **Construction:** PVC Moulded Case

Environmental

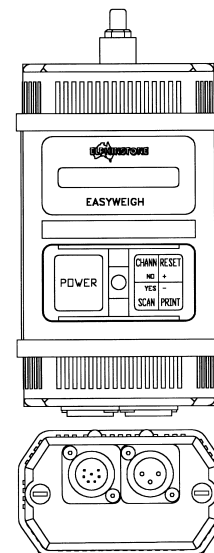
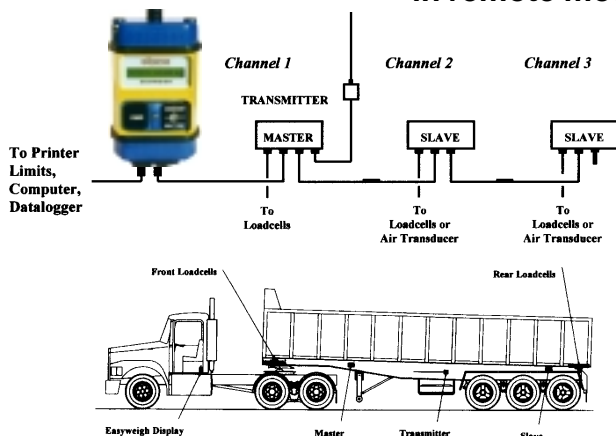
- **Operating Temperature:** 0°C to 50°C
- **Sealing:** IP65, Weatherproof
- **Corrosion Resistant & Shockproof**

Outputs (Standard)

- **Limit Set Points (2)**
- **RS232 for printer, datalogger, computer**
- **RS422 for printer, datalogger, computer**

Circuitry/Software

- **Radio/Line Modes** (automatic selection)
- **Plain English Menu Driven Display**
- **Memory Retention on Power Loss**
- **Internal Clock**
- **Digital Calibration**
- **Gross or Nett Loading**
- **Adjustable cycle time between channels**
- **Nett reset**
- **Complete Self Diagnostics**
- **Backlight in remote mode**
- **Auto recharging when connected to power**
- **Auto switching to RF mode when disconnected**
- **Outputs for printer, computer datalogger and limits are fully operational in remote mode**



Easyweigh System driving Elphinstone Portable Weighbridge. 1, 2 or 3 Channels Radio remote or Line modes

Ordering Information



Specifications subject to change without notice

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