User Manual

Balance Scale 50g

Part Number: BAL1

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO

Page <1>   17/02/25   V1.0

Important Safety Information

Please read these instructions carefully before use and retain for future reference.

- Avoiding exposure to extreme heat or cold, your scale works better when operated at normal room temperature.
- Always allow the scale to acclimate to normal room temperature for at least 1 hour before first use.
- Allow sufficient warm up time. Usually 30 seconds to give the internal components time to stabilize before calibration or use.
- Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.
- Handle with care. Gently apply all items to be weighed onto the tray top.
- Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.
- Only operate the scale on a stable, flat, vibration free surface.
- Always remove the batteries if the scales are not to be used for long periods.

What's Included

- Balance Scales
- 2 x AAA Batteries
- Instruction manual.
- Calibration weight

Operation

- Place scale on a horizontal flat surface.
- Press [ON/OFF] key to turn on the scale.
- Wait until the LCD displays "0.0".
- Put the object(s) to be weighed on the weighing platform.
- Press the [MODE] key to switch between the weighing units.
- The scales will automatically turn off after about 3 minutes of inactivity.
- If the display shows "EEEE" it is overloaded - remove the excess load immediately to avoid damage.
- If the display shows "LLLLL" the load cells may have been overloaded or the scales shocked. If the cells are not seriously damaged re calibration may restore operation.
- If the display shows "OUT2" the scales need calibrating.

Functions

Tare Weighing:

- Turn on scale as described above.
- Place the "tare item" (eg: empty container) on the platform.
- Press [TARE] and wait until "0.0" is displayed.
- Add the "net-weight-item" into the container and the screen will display the weight.

Calibration:

- Reset the scale by pressing [ON/OFF] key.
- Wait until the LCD displays "0.0" and then press and HOLD [MODE] key for 3 seconds.
- Press [MODE] key again, the LCD will display "CAL" followed by the required calibration weight.
- Add the required calibration weight to the centre of the platform, the display will show "PASS" and return to normal weighing mode.
- Store the calibration weight safely and press [ON/OFF] to turn off the scale and the calibration is complete.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO

Page <2>   17/02/25   V1.0

USB Socket

Platform

LCD Display

TARE Key

POWER Key

PCS Key

MODE Key

Counting Function

- Turn on the scale and wait until the LCD displays "0.0".
- Place a sample amount (25pcs, 50pcs, 75pcs or 100pcs) of the quantity you wish to weigh and count onto the platform.
- Press and hold [PCS] key for 2 seconds; the LCD will display a random number, for example "100".
- Press [MODE] key to set the correct sample amount of items that you have put onto the platform.
- Press [PCS] key to confirm the above information and remove the sample quantity from the platform.
- Now you can place any amount of item(s) on the scale and the LCD will display a count.

USB Power

- The scale may be connected to a USB power source using the cable provided as an alternative to using batteries.

Note: this is not a battery charging connection, the scale uses non-rechargeable batteries.

Battery Replacement

- When LCD display starts to fade, it is necessary to replace the batteries. However, measurement may still be made for several hours although accuracy cannot be guaranteed.
- Slide the battery cover away from the instrument and remove the batteries.
- Replace with new AAA batteries noting the correct polarity and refit the cover.

Maintenance

Cleaning the casing

- Wipe using a moist cloth or sponge. Do not use solvents as these may damage the casing.
- Avoid scratching the LCD screen.
- Do not immerse in water or allow moisture to enter the casing.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO

Page <3>   17/02/25   V1.0

Specifications

Max. Load	: 50g (accuracy 0.001g)
Units	: g / oz / dwt / ct / gn / tl
Calibration	: Auto calibration
Tare range	: Tare full capacity
Auto off	: 3 minutes
Operation temp.	: 50-86°F / 10-30°C
Power	: 2 x AAA batteries
	or via USB

INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO