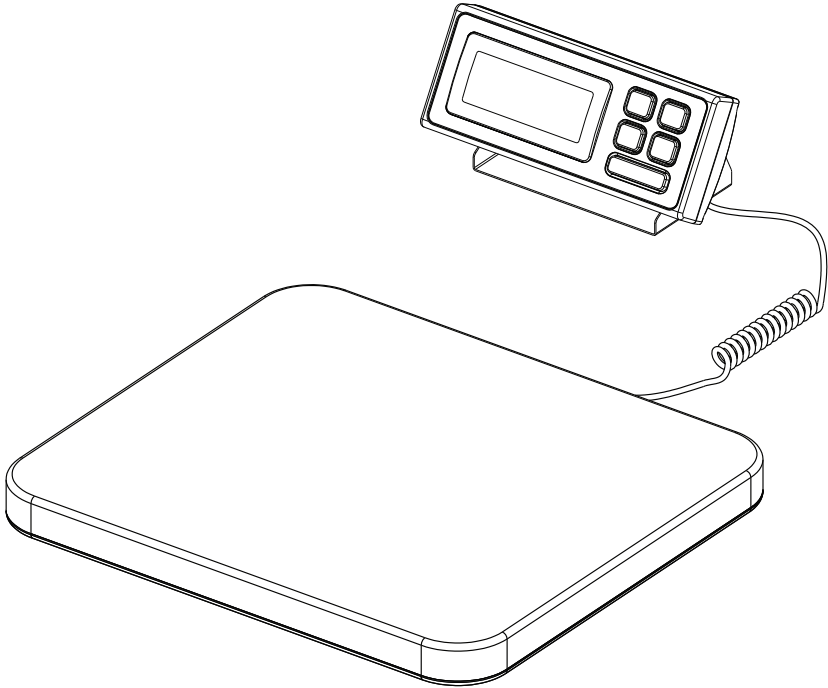


**ABCON**<sup>®</sup>  
*Scales & Balances*

**PROSHIP**<sup>®</sup>





**INSTRUCTION MANUAL**



# SAFETY PRECAUTIONS

Please retain these instructions for future use.

All safety messages are identified by the words “**WARNING**” and “**CAUTION**”. These words mean the following:

 <b>WARNING</b>	<b>Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.</b>
 <b>CAUTION</b>	Important information that tells how to prevent damage to the equipment.

When using the scale, the following safety precautions should always be followed:

## **WARNING**

- Use only the correct AC adaptor with the scale. Other adaptors may cause permanent electrical damage.
- **DO NOT** use AC adapter at the same time as batteries, use only one power source

## **CAUTION**

- This is not a toy, children should be supervised at all times if using this product.
- Always use on a stable level surface
- Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.
- If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage, which may cause damage to this scale.
- Avoid overloading the scale, as this may cause permanent damage and void your warranty – **DO NOT EVER** exceed the maximum capacity of the scale
- Keep the scale away from water – this scale is not water resistant. Shock, injury and electrical damage can occur if used in a wet location!
- Matter charged with static electricity could affect accuracy. Discharge all static electricity. For example, one method is to use Static-Guard spray, and spray it on both sides of the weighing platform.
- Do not operate a mobile or cordless phone or any other electronic device with strong magnetic field (i.e. computer, radio, TV) within 3m of this device.

# SAFETY PRECAUTIONS

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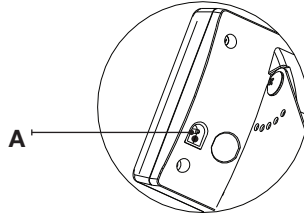
## BATTERY INSTALLATION AND REPLACEMENT

- Always take care to fit your batteries correctly, observing the plus and minus markings.
- Always replace a whole set of batteries at one time. **DO NOT** mix old and new batteries.
- Only use the same or equivalent recommended type of batteries, **DO NOT** mix type.
- Always store unused batteries in their packaging and away from metal objects that may cause a short circuit.
- Remove dead batteries from the product and remove batteries if you will not be using the product for an extended period.
- Always make sure battery compartments are secure
- **NEVER** dispose of batteries in fire - Risk of batteries exploding.
- **NEVER** attempt to recharge normal batteries.
- Rechargeable batteries should be removed from the appliance before being charged.

# PARTS DESCRIPTION

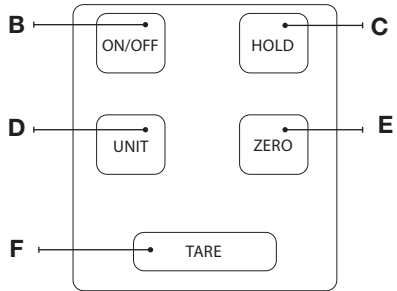
## RIGHT SIDE REAR OF DISPLAY

- A** AC adaptor Socket



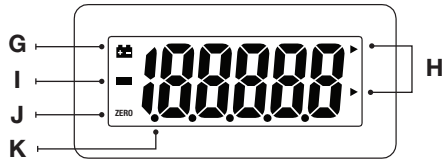
## FRONT CONTROLS

- B** ON/OFF BUTTON  
Turns the scale power on/off
- C** HOLD BUTTON  
The item's weight reading will remain on the display
- D** UNIT BUTTON  
Changes weighing units, e.g. kg or lb
- E** ZERO BUTTON  
Sets display to zero or Zero Range (4% to full capacity)
- F** TARE BUTTON  
Tare Range (100% to full capacity)



## LCD DISPLAY

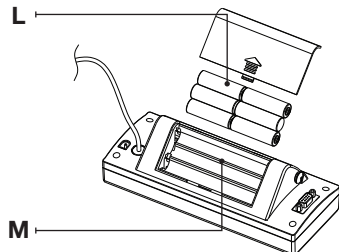
- G** Low battery indicator
- H** Weighing unit
- I** Negative value indicator
- J** ZERO indicator
- K** Hold indicator



## REAR OF DISPLAY

- L** Use 6 x AA 1.5V batteries
- M** Battery compartment cover

For wall mounting see Pg.14



# FUNCTION

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## HOLD FUNCTION

Once the **HOLD** button is pressed, the indicator will remain on the display for 120 seconds after the item has been removed from the scale so the weight can easily be read.

1. Place the item on the scale platform.
2. Wait for the stable indicator to be displayed.
3. Press the **[HOLD]** button. The **HOLD** hold indication will turn-on.
4. Disabling the hold function: Once an item is weighed and the hold function is enabled you want to quit to hold function, press the **[HOLD]** button again to cancel the “.” hold indicator and return the scale to weight mode.

## MEASURING UNIT CHANGE / CONVERSION

BEFORE PLACING ITEM ON PLATFORM:

The measuring unit (i.e. g or oz) can be chosen before placing item onto weighing platform by pressing **[UNIT]** button.

WHILST ITEM IS ON PLATFORM (CONVERSION):

If you did not choose the desired measuring unit before placing item onto platform, it is still not too late to change (convert) it. Simply press the **[UNIT]** button with the item still on the platform (or when in Hold mode) and the unit reading will be converted to your new chosen unit [i.e. lb:oz to kg].

## PROGRAMMABLE FUNCTION SETTINGS (Auto Off / Auto Backlight)

ENTERING CHANGE FUNCTION MODE:

In order to change the current function settings, it is required to enter the Change Function mode by firstly ensuring the scale is switched **OFF**. Then press and hold the **[ZERO]** button whilst pressing the **[ON/OFF]** button. Now the display will show :-

**A\_ON or A\_OFF**

1. SELECTION OF AUTO HOLD:

Press **[UNIT]** button, the display will show **H\_ON** or **H\_OFF**. Press **[ZERO]** to choose **ON** or **OFF**, this means **AUTO-HOLD** function is either active (ON) or inaction (OFF).

## 2. SELECTION OF AUTO SHUT OFF MODE:

Whilst the scale is in Change Function Mode, press the **[UNIT]** button until **A\_ON** or **A\_OFF** is shown. Press **[ZERO]** to choose **ON** or **OFF**: selection display **ON**, this means auto shut off function active. Press **[ZERO]** again, the display will show **OFF**, this means auto shut off function inactive.

## 3. SELECTION OF AUTO BACKLIGHT MODE:

Whilst the scale is in Change Function Mode, press the **[UNIT]** button until the display will show **L\_ON** (or **OFF**). press **[ZERO]** to choose **ON** or **OFF**: selection display **ON**, this means auto backlight function active, press **[ZERO]** again, the display will show **OFF**, this means auto backlight function is inactive, i.e. shut off backlight function.

Press **[ON/OFF]** button to exit Change Function Mode.

# WEIGHING

---

## BEFORE WEIGHING

Whenever possible, please allow the scale to warm up for several seconds after first turning the power on so that the scale will function properly and accurately.

ERROR MESSAGES:

**EEEE** or **Err-0** = Overload

 , **LoB** or **LoBatt** = Low Battery

## WEIGHING PROCEDURES

### 1. PRESS [ON/OFF] TO TURN ON THE SCALE:

When the power is turned on the display will count down from “999999” to “111111” and then “0” appear on the display.

### 2. SELECT THE WEIGHING UNIT WITH [UNIT]:

Press **[UNIT]** to select a weighing unit “kg”, “lb”. Once the unit has been selected, the selected unit will be displayed next to the weight value.

### 3. START WEIGHING:

If you do not use a container for weighing:

- Verify the reading is “0”. If not, press **[ZERO]** to display “0”.
- Place the items to be weighed on the platform.

If you use a container for weighing:

- Place an empty container on the platform.
- Wait for the stability weighing to be displayed and press **[ZERO]**.
- Place the objects to be weighed in the container.



## USING ANY WEIGHT CALIBRATION® SYSTEM

During manufacture the scale is already accurately calibrated. However when the scale is first set up for use it may be desired to calibrate it, or after time and use when mechanical deviations can occur making the scale less accurate. If the scale has been moved to a different altitude or gravitation the scale can lose accuracy as the weight of a mass in one location could be different to that in another location. It is also recommended to calibrate in these circumstances.

### What is the The Any Weight Calibration® System?

Normally when a user wishes to calibrate their scale, the manufacturer either requests the unit be sent to its head office, service agent or ask that you purchase special accurate and expensive weights.

The Any Weight Calibration® System allows you to calibrate without needing to use any special weights. Instead you can use any objects that you are confident of their weight for easy and quick calibration. This could be, for example, items weighed at the deli or meat counter in the supermarket, bags of pre-packed sugar, flour or even packs of cola cans or coins that you have had pre-weighed on Legal for Trade scales in the supermarket or market. The weight can be in kg, g, lb or oz and do not have to be whole units, i.e. could be 10.15kg, 52.73kg, 12.6lb or 300.7lb.

## HOW TO CALIBRATE

It is recommended, but not essential, to use a total weight that is at least 50% of the total capacity. So, for example, if your scale has a capacity of 16kg, then the ideal weight to use would be 8-13kg. You could combine the known weight of several items. Never exceed the total capacity of the scale. Lower calibration weights are ok (i.e. 5Kg) if the scale is normally only used with items that weigh less than 50% scale capacity.

1. Turn on the power by pressing **[ON/OFF]** and leave switched on for at least 1 minute before proceeding to step 2 below.
2. Turn off power by pressing **[ON/OFF]**
  - Press **[UNIT]** and **[ON/OFF]** at the same time, now the display will show “**CALu=**”
  - Press **[UNIT]** to select the type of calibration unit to be used, i.e. kg or lb.
  - Press **[ZERO]** to enter the Weight Selection Mode. In this mode you are now able to enter the exact weight of the item you are using to calibrate the scale.

Press **[HOLD]** = increases the value of the flashing number

Press **[UNIT]** = moves to next number on the right

## CALIBRATION

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3. Press **[ZERO]**, the display will now say “**CAL**” and then a 5 digit number which is a special internal reference number. The last number(s) on the right will change up or down slowly. When these numbers are hardly changing and/or the stable indicator is showing press **[UNIT]**. The display will now flash “- - - -” for a second and then flash with the weight you entered.
  - Place the item(s) to be used for calibration on the platform, wait for a moment and then press **[UNIT]**. Another 5 digit number will appear on the display which you DO NOT need to worry about.
  - Press **[ON/OFF]** to turn scale off to complete and save the calibration.

If a mistake has been made, pressing **[ON/OFF]** before the end of step 3, will turn the scale off and calibration will not have taken place.

To test the calibration was successful, turn on the scale by pressing **[ON/OFF]**, once the scale has finished self testing and the display shows **0**, put item(s) used for calibration on the platform and check the scale is weighing correctly. If not, repeat steps 2 & 3 again.

- 181kg / 400lb Capacity
- Extra large stainless steel platform
- Durable “Heavy Duty” design
- Any Weight Calibration® System\*
- Large / easy to read 1” LCD display  
with “negative weight”, lb., kg., and TARE
- Auto hold (programmable on/off)  
Ideal for fast weighing large items which may hide display
- Auto power-off (programmable on/off)  
To save energy consumption when not in use
- Illuminated / backlit LCD display (programmable on/off)  
Easier reading in darker environments
- Stainless steel remote “damage resistant” display front
- Angle adjustable mounting bracket & 1.8m cable  
Perfect for quick installation on any table or wall
- Extra large easy press buttons
- Displays and converts weight in lb or kg
- Last unit memory (defaults to last unit used)
- Low 0.05kg / 0.1lb minimum weight to a maximum of 400lbs / 181Kgs
- Full range Tare / Zero function
- Runs on batteries (6 x 1.5V AA not included) or AC adapter (optional)
- 5 Year warranty

\*Worldwide Patents Pending

# SPECIFICATIONS

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DESCRIPTION	WEIGHT RANGE	ACCURACY/ DIVISION
PROSHIP®	181kg / 400lb	0.05kg / 0.1lb
Platform Size	14" x 16"/355x405mm	
Net / Gross Weight	5.3kg/6.5kg	
Package	Standard carton: 530 x 470 x 130mm	
	4 Units in one box: 555 x 485 x 570mm	
Operating Temperature	0-40° (32-104°F) : Optimum 19-30°C (66-86°F)	
Power source	6 × AA 1.5V batteries (not included)	
	AC Adapter 9V-12V/100mA DC output (optional)	

\* Due to continual product improvement, specifications and/or appearance may change.

## \*\*SPECIAL WARNING\*\*

Mobile phones, cordless phones, and any radio-frequency device can cause temporary interference and cause the scale to temporarily not work properly.

Please do not use any electronic device near the SCALE. Just like in an airplane, **DO NOT** use your mobile phone near the scale when it is in use.

While there is NO risk of permanent damage to the scale, interference can cause an incorrect calibration or incorrect weight readings.

# TROUBLESHOOTING AND HELPFUL TIPS

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The POSTSHIP® has been designed to be highly robust and give years of reliable and accurate use. Never overloaded, drop or shock the scale as inside all digital scales are delicate load cells which measure the weight of an item. They are easily and can sometimes be permanently damaged so it's important that if scales are to be shipped or moved anywhere they are packed very well and handled carefully

The most common reasons for malfunctioning scales and inaccuracy are faulty AC adapters, low batteries or bad battery connections. If a problem is found whilst using an AC adapter, it is recommended to test using batteries. It is also recommended to change batteries on a regular basis.

**NEVER** use an AC adapter at the same time as having batteries installed.

Digital scales always perform slowly and to some extent inaccurately when cold (under 15°C/59°F) or if they are too hot (over 30°C/86°F), so it's recommended to operate at normal room temperatures of 19-30°C (66-86°F). The operating temperature range of this model is 0-40°C (32-104°F).

1. If the scale does not seem to be accurate, or display shows **Err-C**, recalibrate as described on Pg 9.
2. **MEASURED WEIGHT DOES NOT STAY STILL AND CONSTANTLY CHANGES UP OR DOWN:**  
This is usually caused by a faulty AC adapter. Please test unit using a good quality set of batteries to see if this makes a difference. If it does make a difference a new AC adapter can be sent under warranty by contacting your supplier.
3. **THE BACKLIGHT OF THE DISPLAY CONSTANTLY FLASHES ON AND OFF:**  
This is usually caused by a faulty AC adapter. Please test unit using a good quality set of batteries to see if this makes a difference. If it does make a difference a new AC adapter can be sent under warranty by contacting your supplier.
4. **THE DISPLAY IS PERMANENTLY SHOWING ON EEEEE:**  
This indicates the scale was dropped, shocked or somehow damaged and the delicate load cells have been damaged. Try recalibrating as described on Pg 9. If this does not resolve the problem contact your supplier.
5. **THE DISPLAY SHOWS Err-0:**  
The scale has been overloaded. Ensure that you have not placed a total or combined weight (including when using **TARE**) in excess of the scales maximum capacity.
6. **THE DISPLAY SHOWS UNST OR FLASHES Err-S:**  
This indicates that the scale is not on a level stable surface. Reposition the scale and ensure that there is nothing jamming or stuck between the scale body and platform. If this does not resolve the problem contact your supplier as the load cells may be fatally damaged.

## CLEANING

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### STAINLESS STEEL PLATFORM

For best results use a stainless steel cleaning spray and clean cloth.

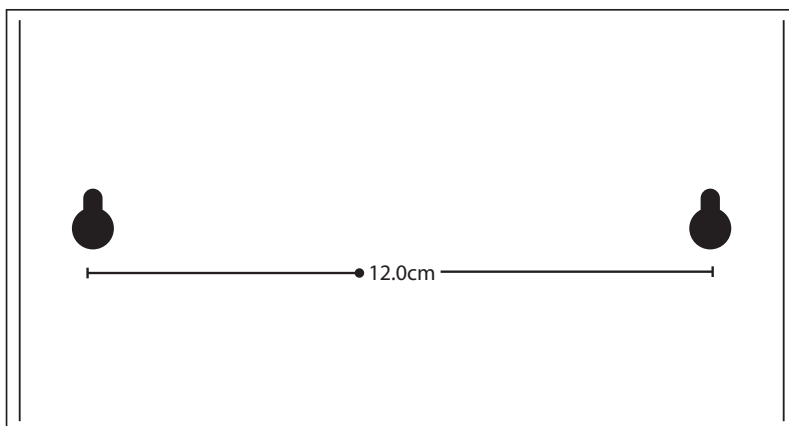
### SCALE BODY

Spray a general purpose cleaner onto a dry clean cloth and wipe scale body with cloth. Cloth must not be dripping wet.

## WALL MOUNTING

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The display has a bracket fitted which can be used to wall mount the display.



1. Mark on the wall the position of where the holes need to be drilled (12.0cm apart). It is recommended to use a spirit level / bubble level to make sure display will be level.
2. Using an appropriate drill two holes in the marked positions approximately 40mm deep using a 6mm drill bit.
3. Insert 6mm wall plugs into the holes so that they are flush with the wall surface and then using a screwdriver tighten 4mm diameter x 35mm long screws into the wall plug leaving only @3-4mm of the screw protruding out of the wall.
4. Align the holes on the display bracket over screws and push bracket towards the wall so that the screws go through the holes. Then release the bracket so that the display is now sitting on screws and tighten the screws so that the bracket will not move from this position.





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Developed in UK, Engineered in USA, Made in China

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Worldwide Patents Pending.



Not to be disposed  
of with other  
household waste

