

## CALIBRATION

1. Press and hold [Sample] key first before pressing **ON/OFF** key.
2. Release both keys
3. Display will show "CALu=" (lb. the calibration weight unit)
4. (optional) Press [Z/T] key to select calibration unit, (*kg, g, lb, oz*)
5. Press [Add+] key, the display will show "X0.000". *X is the flashing digit.*
6. Press [Sample] key the flash digit will move to right;
7. Press [Z/T] key to increase the flash digit. (X is the calibration weight)  
*10 lbs is minimum acceptable calibration weight. 30 lbs is a little better.*
8. Press [Add+] key, the display will show CAL then Series of digits, wait for the stable icon shows , press [Add+] key, the display will show (-----) then "X000.00"
9. Place the calibration weight on the center of scale platform ,wait for the stable icon to show, then press [Add+] key
10. Display will show '.....' and then go to the weight mode..
11. Place the weight on the platform to make sure weighing is correct, if not, repeat above steps.

**If calibration is repeatedly incorrect then:**

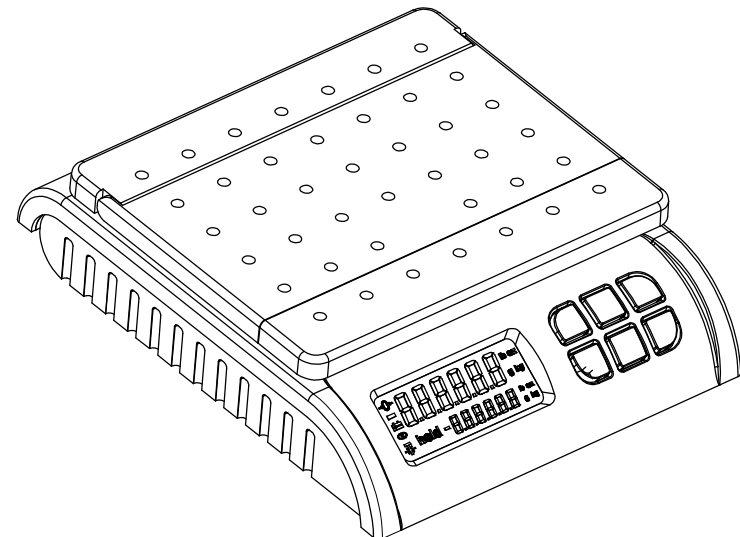
- 1) Replace the batteries, better to use the plug.**
- 2) Try a more stable surface or vibration and interference free location**

# AC-603

## INSTRUCTION MANUAL

(Quick Reference Guide)

Online at [www.AcuCount.com](http://www.AcuCount.com)  
Video instruction at "YouTube"



**AC603 M-55-1-0711**

# SAFETY PRECAUTIONS

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

⚠WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
⚠CAUTION	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.

## ⚠ CAUTION

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.

Replace all batteries at the same time – Do not replace only a portion of the 6 batteries as this may cause a 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 (Err-O) the scale, as this may cause permanent damage and void your warranty – do not EVER exceed the maximum capacity (55 Lbs.) 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!

# SPECIFICATIONS

Model	Capacity	Division
<b>AC603 -55</b>	<b>55lb/25kg</b>	<b>0.005lb / 2g</b>
Platter / Tray	215×180mm	
Net/gross weight	1280/1750g	
Package	Standard carton: 26.5x13.2x34 (cm <sup>3</sup> )	
Operating Temperature	Optimum: 0-40°C C (32-104°F) F	
Power source	6×AA Size Batteries or AC/DC	
	Adapter 9V/100mA	

*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

**Err-O: Overload**

 **Low battery**

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

Cell-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 cell-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.

## FUNCTION SETTINGS

1. With the scale in OFF position, press and hold the [Z/T] key and turn on the scale. The display will show A\_ON or A\_OFF. then release both key.
2. Auto shut off mode.  
Press the [Z/T] key, the display will show A\_ON or A\_OFF. A\_ON means the auto shut off function is active. Press [Z/T] again, the display will show A\_OFF, this means the auto shut off function is inactive.
3. Auto backlight mode.  
Press [Sample] key, the display will show L\_ON or L\_OFF, press [Z/T] selection display L\_ON, this means backlight function active, press ZERO again, the display will show L\_OFF, this means backlight function inactive.
- 4.. Auto beep mode  
Press [Sample] key, the display will show b\_ON or b\_OFF, press [Z/T] selection display b\_ON, this means beep function active, press [Z/T] again, the display will show b\_OFF, this means beep function inactive.
5. Return to counting mode.  
Press ON/OFF to turn the power off, press ON/OFF again to turn on the power and the scale will return to counting mode

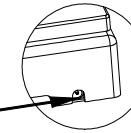
## FEATURES

- Auto shut off (selectable)
- Auto zero tracking
- kg , g, lb, oz, conversion
- Backlight (selectable)
- 21 bit A/D processor
- 2 million internal resolutions
- Large double-line LCD (6 digits 0.6 inch and 0.3 inch high)
- Large square weighing tray

## PARTS DESCRIPTION

### ► Right Side

AC adaptor  
Socket



**ON/OFF key**  
Turns the scale  
power on/off.

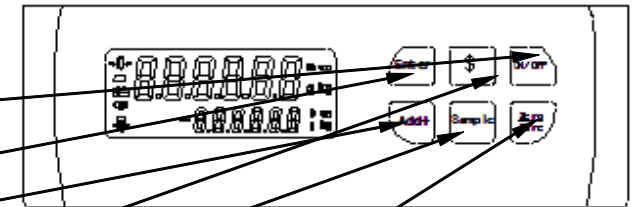
**Enter key**

**Add+ key**

\$ key  
Various currencies

**Sample key**

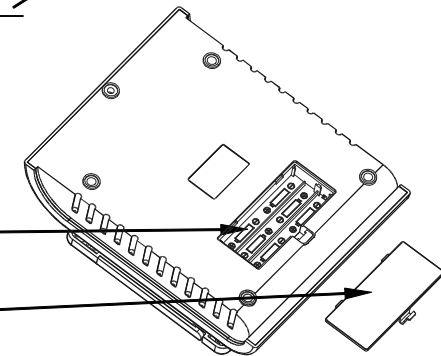
**Z/T key**  
Subtracts weight of container



### ► BOTTOM

**Batteries**  
Use 6xAA dry batteries

Battery compartment cover



### ► DISPLAY

ZERO indicator

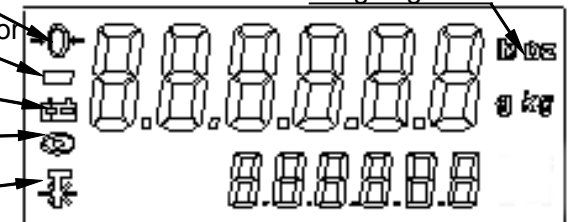
Negative value indicator

Low battery indicator

Stable indicator

Add indicator

Weighing unit



## WEIGHING MODE

1. Press [ON/OFF] to turn on the scale. The display will count from '999999' to "111111" for a few seconds and "-----", press [\$], the scale enters the weighing mode, The [\$] key changes the weighing UNIT that can be selected.
2. Start weighing. Make sure the display is "0", if not press the [Z/T] key to zero the scale.
3. If you are using a container place the empty container on the scale, wait for the stability indicator to be displayed, press [Z/T], and the display will read "0" with the tray or container on top.
4. Place your objects to be weighed on the container. The weight will be displayed once the scale is stable.

## COUNTING MODE's = Piece or Coin

Press [ON/OFF] to turn on the scale. The display will count from '999999' to "111111" for a few seconds and then show "-----" press [Sample], the scale enters the Piece counting mode, press [\$] to select Pc1~Pc9.  
*Reverse / Restart the process to re-enter Coin counting mode.*

## Add+ / ACCUMULATION

1. Place coins on the unit.
2. Press [Add+] to accumulate the amount  
*Remove coins and the main display will return to 0.00*
3. Repeat process to add the next amount to the previous amount.  
*Total will be displayed for all coins once the [Add+] key is pressed.*  
*Lower digits display the number of times the [Add+] key was used.*
4. To CLEAR, press [Add+] first then press [Enter] to clear the accumulation.

## CURRENCY SELECTION

Press and hold [\$] key to turn the power on, the display will show noDE XX, press [\$] to select currency (US,EU,CA,PE). the next time of powering-on will be showing the last currency used.

## One Key Recovery Function:

Press and hold [Enter]+ [Add+] keys to turn the power on. The display show dEFAUL no? Press [Add+] to select YES or NO, press [Enter] to confirm the selection. If choose YES, all the settings will be back to the default settings.

## Re- Programming Coins & Pc. locations.

**=(display shows)**

*Example: Before you begin, have 500 quarters counted.*

1. Turn AC603 [ON] and wait 10 seconds. = (0.00)
2. Press the [Sample] eight times. = ( **P** = 500 pcs)
3. Place 500 quarters on the platform. = ( 500 pcs )
4. Wait 4 seconds, Press [Sample] = ( 500 pcs) *The P goes away*
5. Press [\$] advance to quarters, then press [ENTER] = 125.00  
(If need be, repeat the process for other coins or pieces)