

Midland Scales

USER'S MANUAL JKD 50/100/250/500

Step before Operation:

- Remove protective coating on batteries
- Remove the screw. The screw locates on the top left when you open the battery cover.



Features:

- Resolution 1/5000
(internal resolution 1/15000)
 - g / oz / ct / pcs or g/ dwt/ oz/ pcs
 - Simple and convenient counting function
 - Auto shut off after not be operated in 4 minutes
 - Net/Gross weight
- Battery life over 120 hours



This button is to set "offset value" which is firstly set "-9000~ -10000" at factory.
This button might be used when the load cell is wrongly influenced by environment.

- ✓ Turn clockwise to decrease the offset value
- ✓ Turn counter-clockwise to increase the offset value.

Precautions:

1. Make sure the protect plastic cover is open before switch on the scale.
2. Due to this is a high precision scale, please use the product in stable and leveling circumstances.
3. Please don't operate under severely changeable temperature (Normal 0°C -40°C)
4. Avoid wind blowing places & nearby vibrating equipment
5. Strike-resist strength for the plastic protect cover is 45kgf / cm²

Function Keys:

- : power switch
- : to reset the weight to zero.
- : to select g / oz / ct / pcs
- : gross weight/ net weight
- : to tare

Calibration:

1. Switch off the scale. Press for about 5 seconds, the offset value will be shown, then release .
2. Press .
3. LCD shows 200.0, 100.0, 50.00, or 20.00 put the weight according to the number, press the display will show *PR55*.
4. Calibration is completed.
5. Press to return to normal weighing status.

Operation for Counting:

1. Press to select PCS. (▶ point to Pcs)
2. Use to choose the sample quantity "5=10, 5=20, 5=50, 5=100".
3. Put the objects according to the quantity on the weighing pan, press .
4. After *ERL*, *10* or *20* or *50* or *100* displays when sampling is completed.
5. Scale is ready for simple counting.

Trouble shooting:

Error message	Causes & How to solve
<i>auL</i> ?	<ol style="list-style-type: none"> 1. Weighing pan is interfered by something, remove the object from weighing pan and re-switch on the scale. 2. Load cell is defective
<i>HHHHLLLL</i>	<ol style="list-style-type: none"> 1. The PCB is defective 2. Load cell is defective
<i>ErrE</i>	Re-switch on the scale
<i>UnSt</i>	<ol style="list-style-type: none"> 1. Weighing pan is interfered by something, remove the object from weighing pan and re-switch on the scale. 2. Replace new battery.

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EEEE	Check if the object is over weighing capacity.
ErrE	Check whether a wrong weight master was used during calibration.

Specification:

Model	JKD-50	JKD-100	JKD-250	JKD-500
Capacity	50 g x 0.01 g	100 g x 0.02 g	250 g	500 g
Readability	± 0.01 g	± 0.02 g	0.05 g	0.1 g
Weighing Modes	g, oz, ct, pcs / g, dwt, ozt, pcs			
Operating Temp	0°C -40°C			
Display	5 1/2 Digits X 15mm			
Power	1.5 AAA battery X 3			
Dimensions	135 x 80 x 23 mm			
Weight	140g			

- ※ It could be dangerous by using improper battery or wrong connection of battery.
- ※ Please take out protection screw before usage.