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# **BT-W8 Series**






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## **Manual**

## Power

- Adaptor specifications (It is only available to use digital switch ADAPTOR): input 100~240VAC 50~60Hz, output 5.8V/500mA

## Chapter One Key Operation

Function	Operation	Introduction
Normal Function Setting	Press  to switch on the scale.	Reference for Chapter Three 3-3 Internal function setting It can be set for digital filtering, numerical displaying range, starting units, units auto-tare, digital delay and power saving standby, etc.
Scale Parameter Setting	Press  and  to switch on the scale.	Reference for Chapter Three 3-1 Weighing, resolution, decimal point setting It can be set for the maximum weighing, resolution and the location of decimal point.
Calibration	Press  and  to switch on the scale.	Reference for Chapter Three 3-2 The internal weight calibration is for scale's calibration(It is only operated by professional.)

### Button:



- 1) Zero
- 2) When it sets, it can be used as the function of flash point shifts left.



- 1) Deduct the gross weight.
- 2) When it sets, it can be used as the function of reduction of number.



- 1) Unit switch.
- 2) When it sets, it can be used as the increase of number.

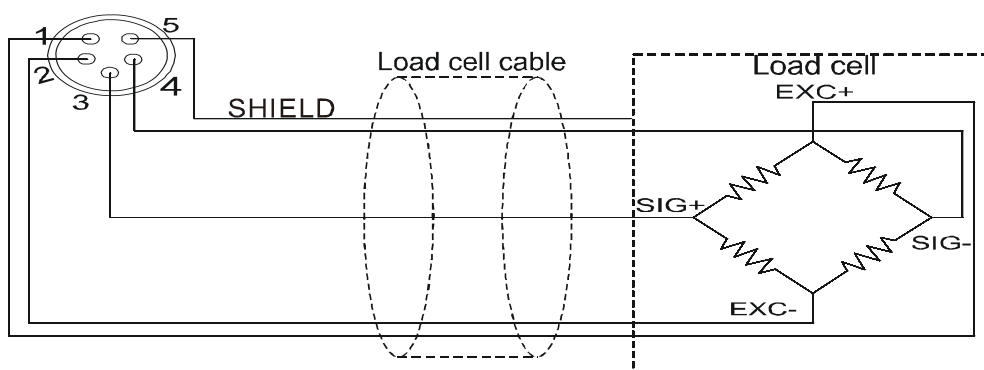


- 1) Display the total accumulated data.



- 1) To accumulate the weight.

## Chapter Two Installation



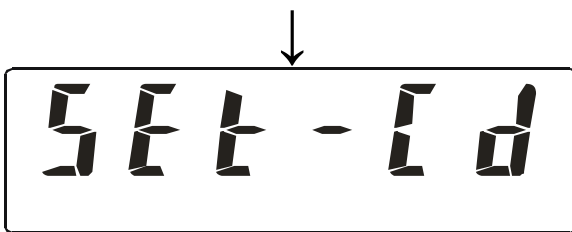
Load Cell 4 wire type (5 wire type)	Load Cell 6 wire type (7 wire type)
Pin1 connects with EXC+ Pin2 connects with EXC- Pin3 connects with SIG+ Pin4 connects with SIG- Pin5 connects with Shield	Pin1 connects with EXC+, SEN+ Pin2 connects with EXC-, SEN- Pin3 connects with SIG+ Pin4 connects with SIG- Pin5 connects with Shield

## Chapter Three Internal Data Setting (It is only set by the professional)

### 3-1 Weighing, Resolution, decimal point setting

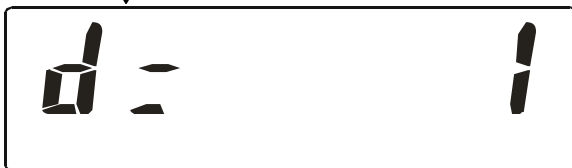
Step 1

Press  and  to switch on the scale




Step 2

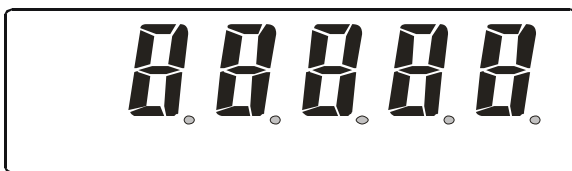
↓ Release the buttons




Press  or  to set the resolution. It can be set for 1/2/5/10/20/50.


Step 3

Press  after setting the data






Press  to set the location of decimal point. It can be set for 00000/0000.0/000.00/00.000/0.00000.

Step 4


Press  after setting the data.





Press  (the input data \*10) and  (the current position+1) and  (the current position-1) to set the maximum weight. It can be set for 1~99990.

↓  
 Press  after setting the data.

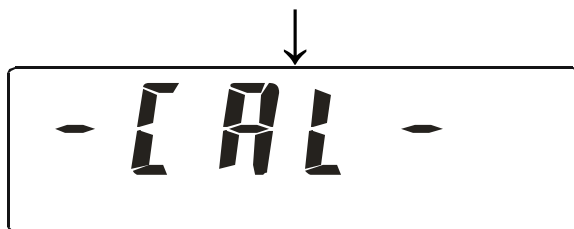


It returns to the resolution setting mode; Press  to make sure the whole setting data, and store the data of weighing, resolution, decimal point. If you need to re-ensure or re set the weighing, resolution and decimal point, you can start with the step 2.


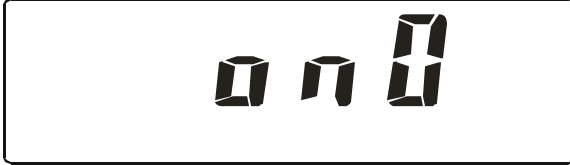
### 3-2 International Weight Calibration

Press  and  to switch on and warm up the scale in 15~30 minutes to to enable its accurate.

Step 1 Press  and  to switch on the scale.






Put down any object on the pan before calibration.


Step 2 After pressing    
 Twinkle

Do the zero point calibration.

Step 3 After doing the zero point calibration



Press  (input data \*10) and  (current position +1) and  (current position -1) to set the calibrated data. Take Kg as the unit. To set the calibrated weight by 1~99990kg.

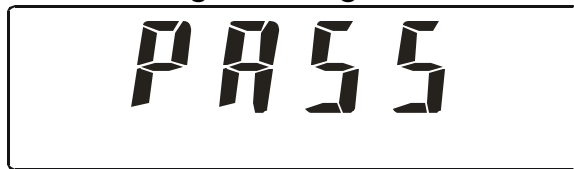
↓  
 Put on the related correcting weight and press 

Step 4



It is doing the weight calibration.

↓  
After calibrating the weight


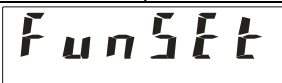



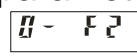





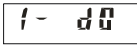

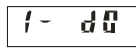







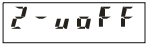




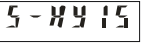
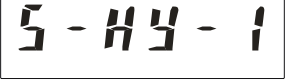

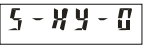
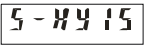

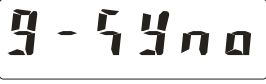

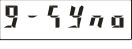
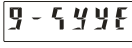
It means finishing the calibration; Press





to out of the function.

### 3-3 Internal Function Setting

Steps	Introduction of functions	Operation	Introduction of operation
Step 1	To start the international function.	Press  to switch on the scale.	
	Display the operation.	↓ 	
		↓ Release the button	
Step 2	digital filtering setting 1, The higher the data, the stronger the filter. 2, The filtering strength is inversely proportional to the speed of scale's response.		Press  to set the filter parameters.  ,  ,  ,  are the four digital filtering.
		↓ Press 	
Step 3	Numerical display range setting 1, When the weight is smaller than the product by setting data times resolution, the screen of WEIGHT displays 0.  e.g. When the weight of object with the resolution is 1g and the setting data is <b>d5</b> , the screen of WEIGHT displays 0, or the screen displays the actual weight. _____		Press  to set the numerical display range parameters.  ~  When it is set to be  , it is out of the zero tracing function.
		↓ Press 	

<p>Step 4</p> <p>Units Setting 1, When all the units are set to be closed, the system usually takes "kg" as the unit.</p>		<p>Press  to select the required unit.</p> <p>Press  to set if using the related unit.</p> <p> means usage.  means non-usage.</p>
	<p style="text-align: center;">↓</p> <p style="text-align: center;">Press </p>	
<p>Step 5</p> <p>Starting Unit Setting 1, Set the starting unit each time.</p>		<p>Press  to set the starting unit.</p>
	<p style="text-align: center;">↓</p> <p style="text-align: center;">Press </p>	
<p>Step 6</p> <p>Digital Delay Range Setting 1, When it is stable, weight change is smaller the product setting range by setting data times resolution, the screen displays the weight continuously.</p> <p>e.g. When the weight of the object changes into 1.241kg~1.270kg with the stable displaying data is 1.255kg and resolution is 1g, and the setting data is , the screen of weight displays 1.255kg, or it displays actual weight.</p>		<p>Press  to set the numerical delay range parameters.</p> <p> ~ </p>
	<p style="text-align: center;">↓</p> <p style="text-align: center;">Press </p>	
<p>Step 7</p> <p>Power Saving and Standby Setting 1, When the scale's pan is empty and its keypad without any operation for more than 60 seconds, the scale is in the mode of power saving and standby.</p>		<p>Press  to set the parameters of power saving and standby.</p> <p> means closing the function.  means opening the function.</p>

If you want to re-ensure or re-set the data, press  and start with the Step 2.

Press  to ensure all the setting data, and the screen displays  and stores the internal function, and then out of the function setting.



## Chapter Four Introduction of Key Function

### 4-1 Operation


ZERO

Press , and the screen displays . After it is stable, the screen of zero point displays zero. At this moment, the marks of  lights. The maximum range of zero is 4% of its maximum weight.

**TARE**




Press , and the screen displays . After it is stable, the screen of gross weight displays zero. At this moment, the mark of net weight lights. The maximum range of tare is the maximum weight.



**UNIT SWITCH**


Press  to switch the units. At this moment, the mark of unit lights.

### 4-2 Special Operation

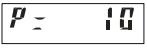
**SAMPLE**

When the unit is PCS, press  with  in the screen. Press  to select the sampling quantity.


Put the objects on the pan after selection. Press , and the screen displays  to auto-sample after it is stable.

 expresses the sample number is 5 PCS


 expresses the sample number is 100 PCS

 expresses the sample number is 10 PCS

 expresses the sample number is 200 PCS

 expresses the sample number is 20 PCS

 expresses the sample number is 250 PCS


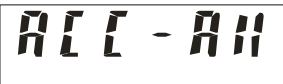
 expresses the sample number is 50 PCS


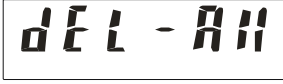
### ACCUMUNICATION


Press , and the screen displays  to accumulate. At this moment, the mark of accumulation lights.


### Display and Delect the weight

When the screen displays  in accumulation, it expresses the accumulated condition is wrong.

Press  in accumulation, the screen displays the alternate the total accumulated weight and .

Press  in accumulation display, and the screen displays , delecting all the accumulated data, and out of the function.

Press  to be out of accumulation display in accumulation.

Press  to display sectionally, when the accumulated display is more than 999999.