Manual of Digital Fixed-number Warning Balance
MODEL:BL-X(A-B-C)

BL-XA

Thank you very much for choosing this digital balance. It is a kind of digital balance that can stand freely with portable & space-saving volume. This product uses a new type of sensor with high precision and sensitivity, which makes the weighing more accurate and responsive. With the HD LCD display, it can meet your weighing needs! Product functions are quite complete, please read this product manual carefully before use!

I. Specification parameter

1.1 Product size: 204.5X131.5X39.5MM 1.2. LCD Display size: 55X21.5MM
1.3. Salver size: Diameter 112mm 1.4. Power supply: 3xAAA & USB(Included)
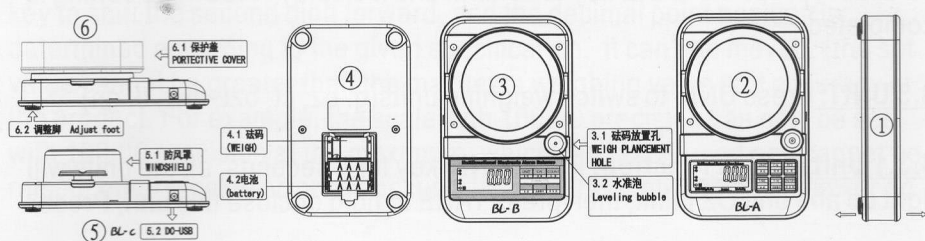1.5. Function buttons:
    UNIT, TARE, CAL(calibration), PCS(counting), F-W(Fix-number Warning),
    ON/OFF(power on/power off),
1.6. Backlight: White(Orange) 1.7. Auto power off(Can be set freely)
1.8. Operation temperature: 10-30℃ 1.9. Unit can be turn off/on
1.11 One step calibration function 1.12. 7 units: g,oz,ozt,dwt,tl,ct,gn
1.13. Tare function
1.14. Capacity/Accuracy:

Capacity/Accuracy	Graduation	Minimum starting value
100g/0.001g,50g/0.001g	0.001g	0.003g
1000g/0.01g,500g/0.01g	0.01g	0.03g
5000g/0.1g ,3000g/0.1	0.1g	0.2g

(When it overloads 9 graduation, it will display FULL)

II. Product appearance and instruction manual

This product series includes BL-A, BL-B, BL-C, (as shown in the figure below) respectively representing
A = independent keys ,
B = waterproof and dustproof PC panel keys,
C = carat scale with wind shield (compatible with A, B keys).

This is a kind of digital balance that can be placed in any standing position. It is very convenient to carry around and equipped with a portable bag. Pull the protective cover according to the position of the arrow in Figure（1）. The protective cover can be placed on the scale plate according to figure （6）as a weighing measuring tool, and the battery can be correctly placed according to Figure（4.2），or the designated USB cable can be used to connect according to the DC socket in Figure（5.2），the computer, mobile power supply or mobile phone charger can supply power to the product. (if you use the other adapter, please note that it cannot more than 9V maximum input voltage, otherwise it will damage the product. Please use the designated USB cable to connect the USB device to charge the product. Figure (4.2) is a random distribution weight placement hole.

After power on, please place the product on a stable and windless table, Observe whether the leveling bubble in the weight hole in figure (3.2) is in the center. If the offset indicates that the table is uneven, adjust the height of the foot according to figure (6.2) so that the leveling bubble is in the middle and then measured. press the power on button, LCD shows 88888 and then returns to zero. It is now ready to weigh.

II. Function Buttons and Instruction

3.1 ON/OFF:
Press once in shutdown state to turn on, and once in shutdown state to turn off.

3.2 TARE:
When weighing, press TARE once, it displays - 0 – then goes zero. You can remove the tare weight by this way when using the protective cover as the weighing tool.

3.2.1 Auto power off time setting:
Press TARE for 3-4 seconds in power on state to display AU 0-300. Press UNIT key to select the automatic shutdown time as you need. 0 is not automatic shutdown, the maximum shutdown time is 300 seconds. After selection, press the TARE key to confirm and it display PASS. The setting is completed

3.3 UNIT:
Press UNIT to switch weighing units:(g. oz, ct, ozt, dwt, tl, gn)

3.3.1 Unit hidden function:
Press UNIT key for 4 seconds, all the units will light up and unit OZ blink, then press TARE to hold or close this unit, Press

UNIT to select next unit, unit g can not be closed. Press UNIT for 4 seconds to return normal weighing state.

3.4 PCS:
(1) Take samples. The counting sample value of this product is (25,50,75 100). In order to count accurately, if the single weight of the product is less than or equal to the graduation value, the maximum sampling value (100) is required. If the single weight is more than the graduation value, you can select a small number of sample values (25,50). In principle, the single weight is more than the graduation value to be more accurate. If you count 25 samples (the same item) and put them on the scale, the weight of 25 samples will be displayed on the scale. At this time, press the PCS key for a long time, and the LCD will display the flashing PCS + P25. Press UNIT key to select other sample values (you can select as many as your samples). Press the PCS key again to confirm, and the LCD will display 25 PCS. load the same items and count them according to your requirements Now.

3.5 CAL:
Press the CAL or ON/OFF button to enter the user calibration interface, Displays the current maximum scale of flicker, When a single point calibration directly loads the appropriate weight (changing the weight by TARE or UNIT), the calibration is completed PASS and the current weight value is displayed. If you need two calibration, Press CAL again (or turn on the key once) for 1000 G/0.01 to show flashing ADD 500, Calibration, Display 500.00 and display flashing A 1000, immediately (i.e .500 G weights) calibrated to display PASS and display a stable 1000.00.

3.6 Fixed-number Warning Key

3.6.1 Set the alarm lower (x) weight value
In weighing state, press F-W key for 3 seconds, LCD icons A-1, A-2, A-3 and A-4 will be lighten up all, Press UNIT or TARE key to select (A-1), then press F-W key to confirm. At the same time, the weighing area displays 000000 last digit 0 flashing, pressUNIT to add 0-9, press TARE to subtract 9-0, press F-W key to shift the second digit forward, and the decimal point position is determined according to the given specification, it can't be moved. (the set value cannot be greater than the maximum weighing value and accuracy of the product. For example, the scale with 100.00 precision can only be set with 100.00 precision at the maximum, which can be reduced and cannot be raised, otherwise an error will occur. After confirmation, press the power on

key to confirm and exit from the weighing state. To cancel the setting, press and hold F-W key for 3 seconds, and the (A-1) icon goes out. . it is not allowed to set high and low alarms at the same time. If you want to set, you must first remove the existing settings before you can set a new one.

3.6.2 set the alarm higher than (x) weight value
In weighing state, press (F-W) key for 3 seconds, LCD icons A-1, A-2, A-3 and A-4 will be lighten up all, Press UNIT or TARE key to select (A-2), then press F-W key to confirm. At the same time, the weighing area displays 000000 last digit 0 flashing, press UNIT key to select 0-9, press TARE key to select 9-0,press F-W key to shift the second digit forward, and the decimal point position is determined according to the given specification, It can't be moved. (the set value cannot be greater than the maximum weighing value and accuracy of the product. For example, the scale with 100.00 precision can only be set with 100.00 precision at the maximum, which can be reduced and cannot be raised, otherwise an error will occur. After confirmation, press the power on key to confirm and exit from the weighing state, press F-W key for 3 seconds to cancel the setting, and the A-2 icon will go out. It is not allowed to set high and low alarms at the same time. If you want to set, you must first remove the existing settings before you can set a new one. 0-10 index values are not used as alarm objects!!!

3.6.3. Set less than (x) quantity value (counting mode)
In weighing state, press (F-W) key for 3 seconds, LCD icons A-1, A-2, A-3 and A-4 light up together, press UNIT key or TARE key to select (A-3), then press F-W key to confirm, at the same time, the weighing area displays 000000 last bit 0 flashing, press UNIT key to select 0-9, press TARE key to select 9-0, press F-W key to shift the second bit forward,. After confirmation, press the power on key to confirm and exit from the weighing state. If you want to cancel the setting, press the F-W key for 3 seconds, and the (A-3) icon goes out. . it is not allowed to set high and low alarms at the same time. If you want to set, you must first remove the existing settings before you can set a new one. If it is lower than the set value, the buzzer will ring for a long time (no alarm in the range of 0-10).! This mode is valid when counting mode is on.

3.6.4 Set quantity value higher than (X) (counting mode)
In weighing state, press (F-W) key for 3 seconds, LCD icons A-1, A-2, A-3 and A-4 light up together, press (UNIT) key or (TARE) key to select (A-4),

then press (F-W) key to confirm, at the same time, the weighing area displays 000000 last digit 0 flashing, press (UNIT) key to select 0-9, press (TARE) key to select 9-0, press (F-W) to shift the second digit forward,. After confirmation, press (ON) key to confirm and exit from the weighing state. To cancel the setting, press (F-W key for 3 seconds, and the (A-4) icon goes out. . it is not allowed to set high and low alarms at the same time. If you want to set, you must first remove the existing settings before you can set a new one. If it is higher than the set value, the buzzer will sound for a long time (no alarm within 0-10 quantity range).!

IV. Accessories:

4.1 100g weights
4.2 USB cable
4.3 Portable bag
4.4 AAAX3

V. COUTION

5.1 Place the scale on a solid and flat board without wind and vibrancy.
5.2 Do not over load, Do not bump the salver when you put the goods on the salver, put it carefully.
5.3 Keep the scale out of your mobile over 50cm
5.4 The ideal working temperature of this product is 10-30 ℃.
    If the temperature difference is too large, it needs to be kept for more than 1 hour in the same temperature
    environment, and then measured after calibration.
5.5 If the maximum weighing value is exceeded 9 graduations, it will display FULL.
5.6 Low battery voltage will display LO.
5.7 Do not use corrosive cleaners to wipe the product.
5.8 Please do not disassemble by yourself.

This product is a patented. Please do not counterfeit.