

WL_HY Wireless Platform Scale Series

Instruction Manuals

WL-HY-150

WL-HY-300

WL-HY-600

WL-HY-1000

CONTENT

1.Overview	3
2.Technical Specifications	3
3. Keyboard Instructions.....	3
4. Operation guidance.....	3
4.1 Wireless operation	3
4.2 Zero and Tare	4
4.3 Price input.....	4
4.4 Price Saving	4
4.5 Addup operation.....	5
4.6 Warnings	5
5. Charge, Maintenance and Warranty.....	6
5.1 Charge.....	6
5.2 Maintenance.....	6
5.3 Warranty.....	6

1.Overview

WL_HY series is our latest products of TCS scales,which connect the sensor signal with operation panel through the wireless data transmission.Thus, the panel and sensor platform can not Connect with cable,free to pick and place the panel.It greatly improve the freedom and convenience of the scales operation and it does not affect the accuracy and timeliness.

2.Technical Specifications

- (1).Power: AC 220V (±10%/50HZ
DC 4V/4Ah(Built-in rechargeable battery)
- (2).Display Format: weight-5 digits; Price-5 digits; Total Prices-6 digits
- (3).Accumulation times: 1-99;
- (4).7 prices can be saved for fast selection
- (5).digits key in is limited within 3 seconds; System will be switched to power saving mode with displaying '—' in the weight window if no weigh operation for 5 seconds.
- (6).Overload and low voltage warnings are provided
- (7) Radio frequency: 433M;wireless communication range is about 20 meters.
- (8). Temperature: 0-40℃ for working; -10-50℃ for saving

3. Keyboard Instructions

- [0] ~ [9] [.]** input unit price for goods
[CLEAR] : clear any unwanted input and then enable reprint;exit from addup function;
[TARE]: deduct the weight of the current goods on the weighing plate
[ZERO]: set the weight display to be zero when no goods on the weighing plate.
[MEMORY]: save the price
[ADD]: add up the prices of a series of different goods
[BACKLIGHT]: the key is backlight on/off if lcd series; the key is brightness adjustment if led series.

4. Operation guidance

4.1 Wireless operation

- (1) The best operation sequence in boot time is :firstly turn on the base power,then the operation panel power.
- (2).If the operation panel have not receive the wireless data, the weight window and the total price window will all display , which mean that the wireless communication have problems. Perhaps the following reasons:
a).the base power is turned off, so the indicator does not light.

- b). the indicator of wireless data does not light or always, it should restart the power. If it still does not work, only connect with dealer.
- c) if the power indicator and wireless data indicator are all normal, perhaps the distance between the base and operation panel is too long.

4.2 Zero and Tare

- (1). The balance is automatically set to zero immediately after the power is on. If the weight display is nonzero due to the factors such as environment temperature and humidity, it can be reset to zero by pressing the zero key, indicated by the brightening of the LED light or LCD arrow
- (2). Weight deduction can be achieved by pressing the TARE key. Once the tare function is effective, the LED light or LCD arrow will keep bright.
- (3). The default zero range is 4% of the full scale; The default tare range is the 50% of the full scale.

4.3 Price Input

The price is defined by the digits keyed in. The sum is updated simultaneously when the price changes. If the price is keyed in wrongly, it can be keyed in again after clearing wrong price by pressing the CLEAR key.

Example: the weight and price of the goods is 5 kg and 105.75, respectively. The operator just needs to press the keys for '1', '0', '5', '.', '7' and '5'. After that, the display panel will show as below:

Weight : 5.00, Price: 105.75, Total prices: 528.75

Note: this balance has the function of avoiding overtime digits keying in. Consequently, if the time interval between two digits keying in is longer than 3 seconds, the previous keyed in digits will be cleared off, and the price keying in will restart from the beginning.

4.4 Price Saving

In practical use, To extract the price quickly, price saving function is integrated into the system. It is to save the pre-defined price in the system so that any price can be extracted simply by pressing the corresponding price saving key.

For example, price of 10.85 is to be saved and bound with key 5:

- (1). press **【MEMORY】**, price display window will show **0**, indicating that system is in save mode.
- (2). Key in the price by pressing the number keys, **【1】【0】【.】【8】【5】** in order.
- (3). After keying in the price, price saving key **【5】** should be pressed to complete the price saving

action so that the price will be saved into saving key **【5】**

Note: If users want to exit price saving mode, just press the key **【CLEAR】**.

4.5 Addup operation

(1). Money addup

This balance can do the money addup when customer is purchasing a variety of goods. For example, goods A: weight is 1.50 kg, price is 5.00 Yuan/kg; goods B: weight is: 0.70 kg, price is 9.00 Yuan/kg; The money can be added up by the following operations:

- Firstly, put good A onto the weighing plate, then the weight window will show the weight of 1.50 kg; afterwards, key in the price of 5.00; finally the money window will the total price of 7.50.
 - Press **【ADD】** to ensure that the price window shows 5.00, total price window shows 7.50, which means the system is working in addup mode and one goods worthy 7.5 has been added up.
 - Take away goods A and make sure the system is in weighing mode by showing weight of zero.
 - put good A onto the weighing plate, then the weight window will show the weight of 0.70 kg; afterwards, key in the price of 8.00; finally the money window will the total price of 5.6.
 - Press **【ADD】** to ensure that the price window shows 8.00, total price window shows 13.1, which means the system is working in addup mode and two goods worthy 13.1 has been added up.
 - repeat operations a, b and c for the subsequent goods. Maximally, 99 goods can be added up.
- Note: when one addup is completed, the goods must be removed from the weighing plate to makes sure the weight window show zero. After that, the second round is allowed to start.

(2). Clear addup

After the addup operations are completely done, the addup times and total price can be cleared off by pressing the **【CLEAR】** key.

4.6 Warnings

- (1). The price window shows Lb with warning sound, which means that the battery of the balance is low and as a result requires to be charged by using AC plug.
- (2). The price window shows FULL, and total price window shows --- with warning sound, which means the balance is overloaded and requires some of the goods in plate must be removed.
- (3). the total price shows FU, which means the displayed price is out of the normal display range.

5. Charge, Maintenance and Warranty

5.1 Charge

When the price window shows **-Lb-**, it means that the battery is low. Please plug the power supply cable into the plug to charge the battery. During charging, the charging indicator will keep bright. The charge takes about 8-12 hours with the balance off.

5.2 Maintenance

- (1). The electronic balance is precision product. As such, it must be handled with great care.
- (2). Avoid using scales on poor environment.
- (3). Use a separate power outlet, for avoiding interference with other electrical appliances.
- (4). Don't place anything on scales before using.
- (5). Recharge battery timely When having low voltage Sound alerts.
- (6). Detect scales regularly according to frequency of use.
- (7). Select scales of appropriate range according to different weighing objects.

5.3 Warranty

- (1) Please check the battery carefully to make sure it works well as there is no warranty for the battery.
- (2) If any problem with the product under the warranty which is not caused by human error but normal use, user can proceed to the local agency with the receipt and warranty card. \
- (3) The following cases will not fall into the range of warranty:
 - (a). Alter the warranty personally;
 - (b). Improper transportation and maintenance after the product is sold.
 - (c). Use the balance without following the instructions in the manual.
 - (d). The supply voltage is beyond the rated voltage range.
 - (e). The sealed band is opened by user without permission from the supplier.
- (4) Warranty is 3 months since the produce is sold.
- (5) When there is some problem with the balance, user can try to solve the problem by studying the following trouble-shooting table.

Trouble Symptom	Description	Possible reason	Solutions
AC LED indicator is not bright	AC power supply is not connected	① poor contact of the plug	① adjust the plug or replace the socket

		② power supply cable is broken	② replace the power supply cable
No displaying and sound when turning on the balance based on the battery	No DC power inside	① battery is damaged and as a result there is not voltage ② poor contact between conducting wire and battery socket	① replace the battery with the same model ② adjust the contact between conducting wire and battery socket
"-Lb-" is shown with warning sound, followed by an automatic shutdown of the balance	Insufficient voltage of battery	Battery is used for too long time	① Use AC power supply to charge the battery continuously for 10 hours. ② Replace the battery with a new one
Unstable display	Insufficient voltage of battery or being affected by damp	① user continued using the balance under insufficient voltage and with warning sound. ② Too high humidity in the working environment	① Use AC power supply to charge the battery continuously for 10 hours. ② bake the balance body in sun shine.