

LPN/LPPN Series Manual de Usuario

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BEFORE USING THE SCALE

Thank you for purchasing the Digital Scale. In order to use the scale properly, please read this Operation Manual carefully before use. If you have problem concerning the scale, please contact your supplier.

WARNING

(1). Fully charge the battery before first use.

Charge the battery by plugging in the power cord, the charging indicator will light up in red. When the indicator turns green, the charge is completed. (It takes about 12 hours to full charge the battery.)

(2). Install the equipment on a level and stable surface. Do not use the equipment in an environment of either

1. Gusty wind (e.g. near an air conditioner outlet or fan outlet)
2. Vibration (e.g. near a heavy machine).

(3). Install the equipment in a temperature environment within $-10^{\circ}\text{C}\sim 40^{\circ}\text{C}$, avoid using it in an environment where temperature changes a lot.

(4). Warm up the equipment for 15 minutes before use.

Check the voltage before plugging in; independent AC outlet for this equipment is recommended to avoid interference.

SAFTY INSTRUCTIONS

1. Please confirm that the electrodes “+”、 “-” are on the right position.
2. To avoid the electric leakage, please do not place the battery in high temperature, or try to disassemble it.
3. Please do not use different type of battery unless authorized.

PREPARING TO USE THE SCALE

- 1 Open the box and put the scale on the table, then put the pan on the scale.
- 2 Adjust the base foot, watch the level bubble, make it in center and the 4 feet on the platform.
- 3 Turn on till all windows show “0” and the “stable”, then the scale will be ready to use.

MAIN TECHNICAL INSTRUCTION

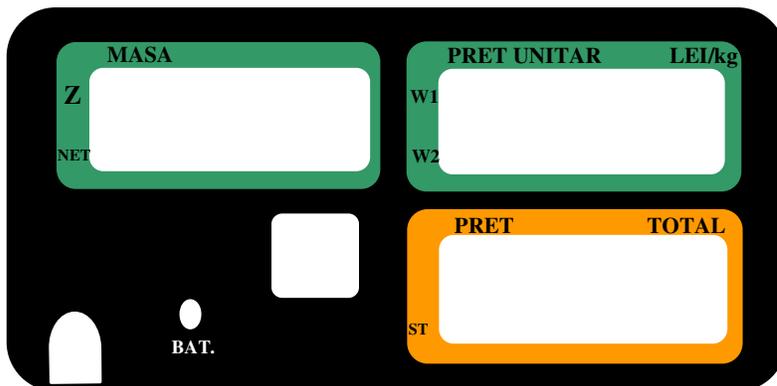
1. Load cell: the integrated resolution of the load cell is C3
2. Specification: (1) table scale 3kg-30kg, precision 1/3000
3. Tare range: = -Max Cap.
4. Display
Normally there are 6 digits in the weight window, 6 digits in the unit price window, 6 digits in the total price window
5. zero range: = $\pm 4\%$ Max capacity
6. certain voltage:220VAC
7. usage environment: usage temperature: -10°C-40°C,
stock temperature:-10°C-40°C; humidity $\leq 90\%$

8. Product Package:

- * Scale 1 unit
- * Stainless platter 1 unit
- * Cable 1 unit
- * Dust cover 1 unit

CH1.Keypad&panel

A. display



- ① Z: Zero operation
- ② NET : Net weight
- ③ STB: Stable indication
- ④ W2: Second range

Note: During weighing, the default range is W1, when the weight is over W1, the W2 light will be on.

(For example 6/15kg capacity scale, W1 means ≤ 6 kg, W2 means 6~15kg)

- ⑤ 3 window indication: Weight, unit price, total price

B. keypad diagram

7	8	9	P1	P2
4	5	6	P3	P4 /Print
1	2	3	CE	PLU
0	.	00	>0<	T

(1) numeric keys ~ : Used for setting unit price, numbers, calibration etc.

(2) . decimal point key:

(3). Unit price delete key () : Press the key to delete the unit price.

Memory delete key.

(4) P1, P2, P3,P4 unit price hot key

(5). () : Unit price save key

(6).Tare key () :

(7). >0<: Zero key,

Weight zero function and backlight function(zero range: $\leq \pm 100d(d1)$)

(8) : Input 00

(9) :Print key (Optional when RS232 is installed)

CH2. Operation

2.1 Software Version checking

Turn on the scale, the scale will be self-testing and check the software version. The software version is AV113

2.2 >0<

2.2.1 When no loading, the weight window is not under zero mode and there is no "0" indication, then press ">0<" to return to zero (zero range = $\pm 4\%$ of max capacity)

2.2.2 When no loading, the weight window shows "0.000" and "0" indication on, press Zero key (keep about 5 seconds), the backlight will be off, press Zero key again, the backlight turn to auto (The scale default backlight is auto).

2.3 tare

2.3.1 tare: put the container on pan, then press "T" key to delete the weight and with "T" indication in LCD display,

2.3.2 to change tare weight: put a new container and press "T" key to change the tare weight .

Note: Pls cancel the first net value, when you do the next tare function

2.3.3 to cancel the tare: remove the container from the pan, press ">0<" key ,the tare function will be canceled automatically.

(note: if "T" weight is within zero range, press ">0<" to turn to zero mode, the tare range \leq max cap)

2.3 input unit price

Press numeric keys ~ to input unit price

2.4 to store unit price

Input the unit price first, then press "PLU" key, the total price window will show "save", then press the corresponding price key(P1 – P4) to store the unit price. Input "0", then press "PLU" key, the total price window will show "save", then press the corresponding price key(P1 or P2 or P3 or P4) to delete the unit price stored before.

2.5 using the hot price key

Press P1 or P2 or P3 or P4 to use the saved price

OPTION FOR THE SCALE WITH RS232

2.6 RS232 Operation selectable

0: Close RS232

1: Consecutive sending data

000&&001.800&&001.800&&0040.50&&kg&0072.90&&--&&--&&<CR>
Gross Net Unit price Unit Total price

2: Data sending by pressing key

000&&001.800&&001.800&&0040.50&&kg&0072.90&&--&&--&&<CR>
Gross Net Unit price Unit Total price

3: Data sending to Cash register DP25

Scale sending : <SOH><STX>**S**<Space>00.500kg<ETX><ETQ>

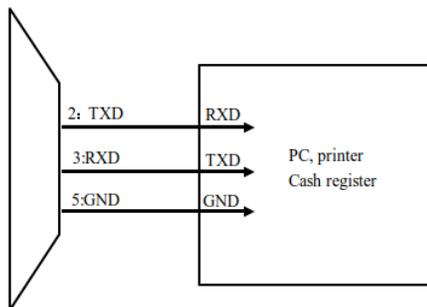
4: Data sending to Cash register MP55

5: Data sending to printer PPTII-A

6-12 Other communication protocol based on baud rate (1200-38400)

Output port:

For LPN Scale



CH4. Error Message

3.1: Overload: "-OL-"

3.2: Low power: "-Lb-" to show for calibration setting is not completed, please check calibration jumper parking on correct position.(5.7v)

3.3: "Zero" unstable: "AdErr "

3.4: Zero range under -20% max: " L-- Zero--"

3.5: Zero range over 20% max: " H-- Zero--"

CH5. Trouble shooting

4: trouble shooting

4.1: If the scale can be powered on without any malfunction, plug in the scale, but the charging battery isn't on.

- (1) Please check whether you have get a short fuse
- (2) Please check whether the power cable is poor contact

4.2: If the battery light is on, but the scale can't work naturally

- (1) Please check whether the switch is in poor contact
- (2) Please check whether the battery is damaged

4.3: If the display shows "...OL...", and the scale beep

- (1) Please check whether there is something wrong with the loadcellAD