SERIES

C9

EN

USER MANUAL

IMPORTANT

Please read this manual carefully before using the crane scale.

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Safety guide

Read carefully the following instruction and advice before using this scale.

- Over-loading this scale is harshly prohibited
- Refrain from long-time loading that could lead to excessive fatigue on loadcell used inside the scale. Excessive fatigue on loadcell would decrease the accuracy and shorten the life of scale.
- Check the shackle and hook regularly.
- Check the battery power level before/after use and recharge the scale in time.
- In order to maximize the battery life, periodic recharging is necessary for scales even not in use for long time.
- Do not try to repair the scale by yourselves.
- Use privately attached charger only.
- The scale can show the cell capacity when power on. For example when U 86 is shown, meaning the current cell capacity is 86%. If the cell capacity is 20%, please charge the scale as soon as possible to avoid damaging the battery.

Chapter 1. Product Description

C9 digital electronic crane scale is high accuracy, one-side direct display measuring unit which combines load cell and power supply together. It can be directly hung on the hook of a hoist and ensure the scale to complete the tasks of loading and weighing goods synchronously. The screen is made up of super-bright tube (LED), which can be easily seen in 25 meters. The scale body is made of strong alloy aluminum. The structure is compact and operation is quite easy.

The product is equiped with wireless communication, ranged up to 500m with data transmission.

Chart 1-1 Main technical characters

Accuracy	**OIML Ⅲ**
Taring range	**100% FS**
Result steady display	**3~7 Seconds**
Alarm of over weight	**110% FS**
Max safe load	**125% FS**
Limit coefficient	**4**
Power supply	**Full seal airtight recharge battery 6v/10AH**
Display tube	**Super-bright LED or LCD(height 30mm/5 bits)**
Working temperature range	**-10℃~+40℃**
Remote controller distance	**≤20m**

Chapter 2. Use Method

2.1 Information on the panel

(1) In the different status, different information is showed. User can operate scale according to the notes showed on displayer.

(2) The light on upper right to the displayer means the charging of the battery. It'll be on when charging the scale.

(3) The light on the left side indicates stable status. When the scale becoming stable during operating, the light will be on.

(4) View of outline of figure:

(5) View of remote controller:

2.2 Operation:

Explanation of key-press:

Key-press	Explanation	Key-press	Explanation
0(FUNC)	Setup Parameter	**4(←)**	Turn left
5(Confirm)	To confirm	**6(→)**	Turn right
***(Zero)**	Zero	**2(↑)**	Digit minus1
#(Accu)	Accumulate	**8(↓)**	Digit add 1

1. Tare:
   In the normal weighing status, press [Tare] and displays "0".
2. Tare cancel:
   In the status of tare, press [Tare] again to cancel.
3. Accumulation function:
   Press [Accu] on the remote controller can accumulate the current weights. After pressing [Accu] it displays "N—XX" → "H XX" → "L XXXX" automatically then back to weighing status. "N—XX" means the times of accumulation, "H XX"+"L XXXX" is total weight of accumulation. (After pressing [Accu] every time, the value of N will be added 1.)
4. Accumulation clear:
   The max time of accumulation is 99, it'll display N—OF if exceed, please clear the current accumulation at that time. Press [Zero] during accumulation station, which will be cleared.
5. Zero:
   In normal weighing status, press [Zero] to setup "0".
6. [Func] usage:
   Press [Func] can setup parameter, press [Enter] it displays code of parameter.

List of Code

Code	Explanation	Code	Explanation
09	Calibration	08	Check inner code
07	Wireless Communication Mode	06	Wireless Communication Mode Canceled

Press "↑" "↓" "←" "→" to choose and adjust.

Note: Wireless communication mode is not default equipment.

The scale has power saving mode, it'll enter power saving mode after 30mins during stable status and power off after 2 hours.

Chapter 3. Calibration

3.1 Illustration:

When scale is stable, press [Func] and press [Enter], it displays parameter code XX. Press “↑”“↓”“←”“→” to choose code 09 and press [Enter], which displays “SET” and entering calibration status.

Step 1: Setup parameter (e.g.: Max capacity 5t, standard weights 4t)

After displaying “---SET---”, operate as table 3-1 as followed.

Table 3-1 Operation of Step 1

Step	Operation	Display	Explanation
1		---SET---	Status of parameter setup
2	Press [Enter]	d 1	Displaying current division value
3	Press “←” or “→”	d 2	Choose division value: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 optional (2 is default division value for 5t crane scale)
4	Press [Enter]	00000	Setup F.S.
5	Press “↑” “↓” “←” “→”	05000	Input F.S.
6	Press [Enter]	---CAL---	Finished setting; entering calibration.

Step 2: Calibration, operate as table 3-2 as followed.

Table 3-2 Operation of Step 2

Step	Operation	Display	Explanation
1		---CAL---	Status of calibration of weight
2	Press [Enter]	UloAd	Wait until the light of stable on
3	Press [Enter]	05000	Displaying F.S.
4	Load weights (e.g.: 4t)		
5	Press “↑” “↓” “←” “→”	04000	Input 4000kg
	Press [Enter]	4000	Calibration finishes, displaying current weight.

Chapter 4. Display Illustration

No.	Display	Illustration
1	FULL	Attention of overweight
2	U 86	Current cell capacity
3	N---XX	Times of accumulation
4	N---oF	Accumulated times exceed
5	AddoF	Accumulated weight exceed
6	LJoFF	Clear accumulation
7	--SET--	Status of setting up division value
8	--CAL--	Calibration status
9	--Ad--	Check the status of AD
10	ULoAd	Zero position status

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