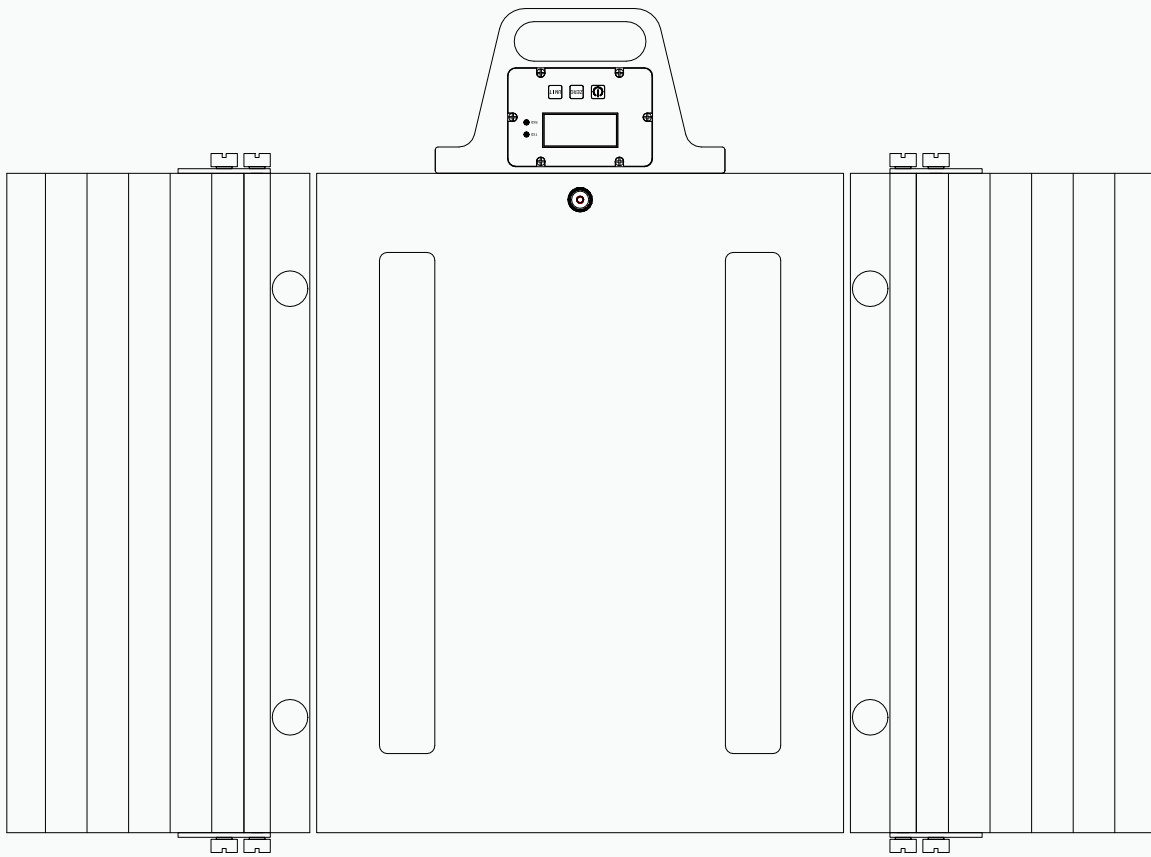


# US-M2416W

## Wireless Axle Scale with Built-in Indicator

### Owners Manual



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# 1. Calibration Instruction

When power on self test, press  and  simultaneously to calibrate.

Step	Operation	Display	Note
1	Press ▲ to choose Press ← to confirm	[Uni 0]	Unit: 0/1(kg/lb)
2	Press ▲ to choose Press ← to confirm	[dp 0]	Decimal point: 0/1/2/3/4
3	Press ▲ to choose Press ← to confirm	[d 01]	Division set: 1, 2, 5, 10, 20, 50 Restart the indicator to update
4	Press ◀ or ▲ to set Press ← to confirm	[10000]	Set the max capacity
5	Press ▲ to choose Press ← to confirm	[dot X]	Load number set (no zero): 1/2/3/4/5/6
6	Press ▲ to choose Press ← to confirm	[CAL00]	[CAL00] skip zero calibration [CAL01] zero calibration
7	Press ▲ to choose Press ← to confirm	[CAL10] ~[CAL60]	Load calibration according to [dot X] [CAL10] skip load calibration [CAL11] load calibration
8	Press ◀ or ▲ to set Press ← to confirm	[10000]	Set loading weight

## 2. Scale Quantity

When indicator set [F31 X], X means the quantity of the connected scales.

Scale No.	Name of the connected scale	Indicator set
1	LW1	[F31 1]
2	LW1, RW1	[F31 2]
3	LW1, LW2, RW2	[F31 3]
4	LW1, RW1, LW2, RW2	[F31 4]
6	LW1, RW1, LW2, RW2, LW3, RW3	[F31 6]

If temporarily reduce the quantity of scales, you need to reset the indicator [F31 X] menu. After using it, you can set the menu to original value.

If increase the quantity of scales and combine the scales of multiple equipment, you need to adjust the dial switch in the transmitter and set the corresponding quantity of indicators.

**For example:** reassemble two sets of 4-scale equipment into one set of 6-scale equipment and one set of 2-scale equipment.







a. Select LW2 and RW2 in one of the equipment, detach the transmitter and set the dial switch to 5 and 6.

b. Take these two scales as LW3 and RW3, combine with the 4-scale equipment to form a 6-scale equipment.

c. The remaining LW1 and RW1 of the detached 4-scale equipment can be used as a 2-scale equipment.

d. Finish the above steps, then set these two indicators' menu [F31X] to [F31 2] and [F31 6] respectively, to be used as supporting indicators for two sets of equipment.

The scale name and the transmitter internal dial address:

Scale	Transmitter dial address	Dial switch
LW1	1	
RW1	2	
LW2	3	
RW2	4	
LW3	5	
RW3	6	

**Note:** The initial IP address of each set of wireless axle scale is fixed. For using multiple sets of equipment at the same time, you need to reset the parameters of wireless module. For details, refer to **3. Wireless Module Parameter**.

# 3. Wireless Module Parameter

Set initial parameter as follows:

Parameter	Symbol	Indicator	Transmitter
IP Address	P	P04097	P04097
Local Address	L	L00000	L08193
Destination Address	D	D08193	D00000

The IP address of the indicator and transmitter must be same in one set of equipment, that is, [PXXXXX] must be consistent before using the equipment.







When multiple wireless axle scales work at the same time, the IP address of each set should be different, otherwise it will interfere with each other.

## 3.1 Indicator Module Parameter Setting

- In normal weighing state, press Switch and Print at the same time to enter setting interface;
- Choose F9, press Print to confirm, display [F91 0], press Print to skip;
- Display [F92 0], change to [F92 1] and press Print to confirm, enter indicator wireless module parameter setting program;
- Display [M 000], input password 888, then press Print to confirm;
- Set IP address, display initial address [P04097], you can set it between [P00000] and [P65535], then press Print to confirm;
- Set local address, display initial address [L00000], **ensure indicator local address [L00000]**;
- Set destination address, display initial address [D08193], you can set it between [D00001] and [D65535], **[D00000] is not allowed**, then press Print to confirm;
- Finish the above steps, press Check to return to main interface, then restart the indicator.

## 3.2 Indicator Module Parameter Table

Step	Operation	Display	Note
1	Press ▲/▼ to choose Press ⏏ to confirm	[F92 0]	0: skip 1: wireless module parameter setting
2	Press ▲/▼ or ▶/◀ Press ⏏ to confirm	[M 000]	Input password 888, enter wireless module parameter setting program.
3	Press ▲/▼ to choose Press ⏏ to confirm	[r 1]	Module transmit setting 0: Unicast mode (one to one) 1: broadcast mode (one to many)
4	Press ▲/▼ or ▶/◀ Press ⏏ to confirm	[P04097]	<b>The IP address of the indicator and transmitter must be same in one set of equipment.</b> Save to the module after setting the destination address.
5	Press ▲/▼ or ▶/◀	[L00000]	Express the local address in decimal, <b>set</b>

	Press  to confirm		<b>to 0.</b> Save to the module after setting the destination address.
6	Press  /  or  /  Press  to confirm	[D08193]	Express the destination address in decimal, but <b>0 is not allowed</b> . Press key to confirm, the indicator will save the parameter data to the wireless module automatically.

### 3.3 Transmitter Module Parameter Setting

Before setting the transmitter module parameter, it is necessary to ensure that other indicators or transmitters are turned off, otherwise interference will occur.

a. In normal weighing state, press ZERO and UNIT at the same time to enter setting interface;

b. Choose F3, press UNIT to confirm, display [dEF 0], press UNIT to skip;

a. Display [zig 0], change to [zig 1] and press UNIT to confirm, enter wireless module parameter setting program;

b. Display [M 000], input password 888, then press UNIT to confirm;











c. Set IP address, the green and the yellow light of the transmitter are on at the same time. Display initial address [P04097], you can set it between [P00000] and [P65535], then press UNIT to confirm;





d. Set local address, the green light is on and the yellow light is off. Display initial address [L08193]~[L08198], you can set it between [L00001] and [L65535], **[L00000] is not allowed**. The local address of the transmitter for the same equipment is recommended to be set to different but ordered values. Then press UNIT to confirm;

e. Set destination address, the green is off and the yellow light is on. Display initial address [D00000], **ensure transmitter destination address [D00000]**. Press UNIT to confirm;

f. Finish the above steps, the transmitter wireless module parameter setting is completed.

### 3.4 Transmitter Module Parameter Table

		[F 3]	F3 Menu
2	Press  to choose Press  to confirm	[zb 0]	0: skip 1: set wireless module parameter
3	Press  or  to input Press  to confirm	[M 000]	Input password 888, enter transmitter module parameter setting program. <b>Note: shut down the indicator and other transmitters, to avoid signal interfering.</b>
4	Press  or  to set Press  to confirm	[04097]	<b>The IP address of equipment used at the same time must be different</b> , otherwise they will interfere with each other. The green light and the yellow light are on.
5	Press  or  to set	[08193]	<b>The local address can't be 0.</b> The green light is on and

	Press  to confirm		the yellow light is off.
6	Press  or  to set Press  to confirm	[00000]	<b>The destination address must be 0.</b> Press to confirm, these 3 address will be saved. The green light is off and the yellow light is on.

## 4. Indicator Program Convert

The indicator program defaults to the current wireless axle scale. If change the program to match other models of wireless axle scale, the operation steps are as follows:

Step	Operation	Display	Note
1	Press ▲/▼ to choose Press ↵ to confirm	[F94 0]	0: skip 1: change indicator program
2	Press ▲/▼ or ▶/◀ Press ↵ to confirm	[M 000]	Input password 888, enter indicator program setting interface
3	Press ▲/▼ to choose Press ↵ to confirm	[TYPE 1]	If the scale model is LP7660W, set to 0; if the scale model is LP7660V, set to 1.