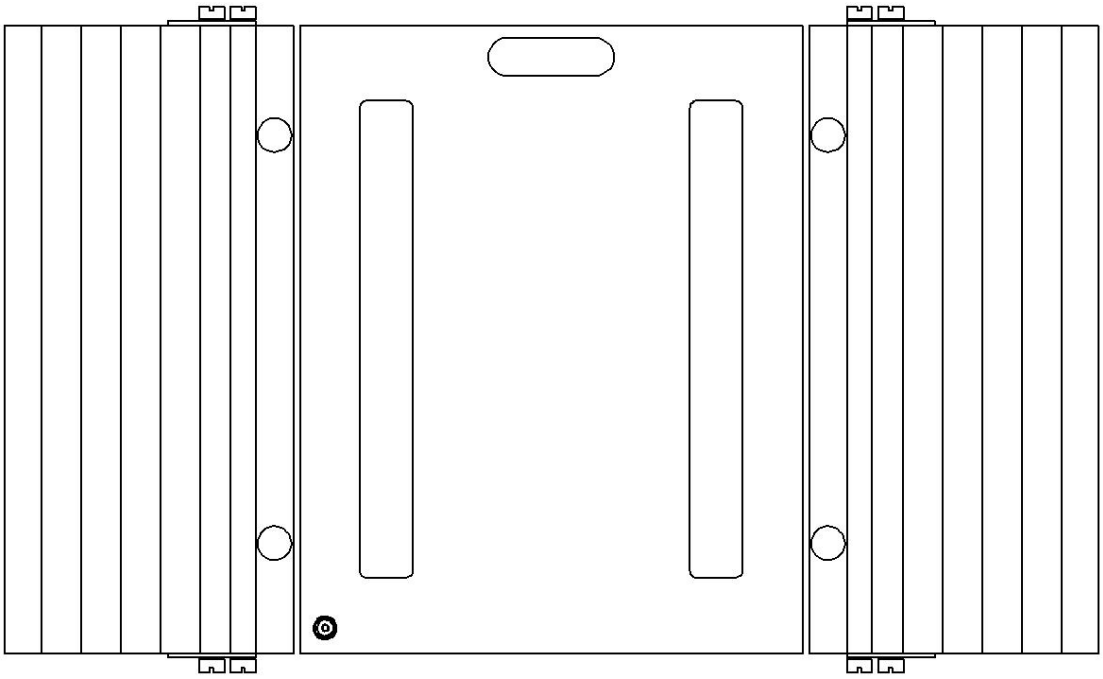
LP7660A

Portable Static Weighing Scale

User's Manual



Safety Instruction

For safety operation pls. follow the safety instruction.

WARNING
Setting. Calibration Inspection and Maintain of the indicator is prohibited by Non-professional staff.

WARNING
Pls. make sure the weighing display have good ground in using.

	**WARNING**
	The indicator is the static and sensitive equipment,cut off the power during electrical connections, internal components touched by hand is prohibited, and please take the measure of anti-static.

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1. Product Introduction

1.1 Main Function

This portable static weighing scale can connect with 1/2/3/4 weighing pads to weigh the car. It owns manual weighing mode and automatic weighing mode. It can be normal weighing or accumulative weighing. Varied weighing ways to meet different requirements.

LCD display (size: 136mm x 36.5mm) show the real weight date on the weighing pad. The unit KG/LB display can be adjusted by the key on the instrument. At same time, the percentage of each pad on the total weighing is displayed too. Other function includes tare, zero, print, save, check, delete.

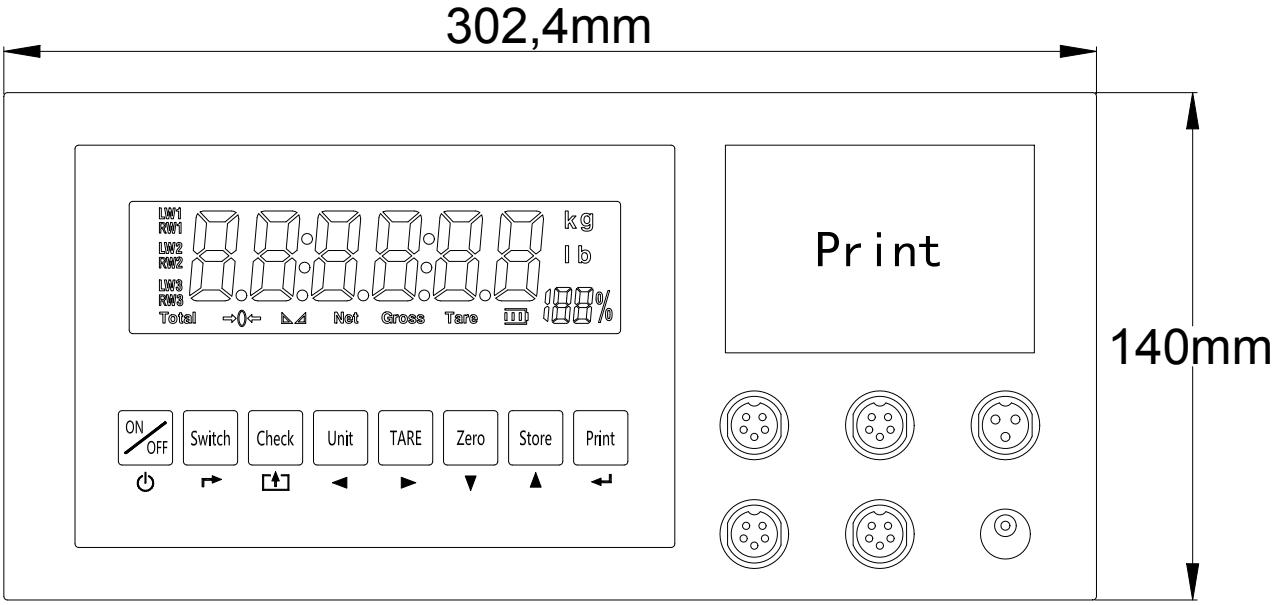
The power supply by 6v/4.5Ah battery and it can be recharged by 9v/1.2A adapter. Built-in needle printer, several printing formats; RS232/485 interface for large display or computer; The calendar is in the software. Date and time can be checked easily. Easy operation, high precision, good application.

1.2 Technical parameter

>> Sensitivity	0.5uv/d
>> Input voltage	-30~30mV
>> Accuracy class	III
>> Initial zero range	±10%Max
>> Manually zero range	±2% Max
>> Zero Range	100% Max
>> Zero Tracking	0.5d/s
>> Excitation circuit	5VDC,4 wire connection,Maximum connect 24 load cell of 1000Ω
>> AC power	100~240VAC,50/60HZ
>> Operation temperature humidity	-10℃ ~ +40℃,≤90%RH
>> Storage temperature	-10℃ ~ +40℃

1.3 Drawing

1.3.1 Instrument



LP7561A

1.3.2 Indicator Type

Type	Installation	Print	Interface	Communication interface
LP7561	ABS box	Needle printer	Front	M16-3B

1.3.3 Kinds of Scale Board

The axle scale board can be divided by slope:

Ordinary slope diversion: “Y” type;

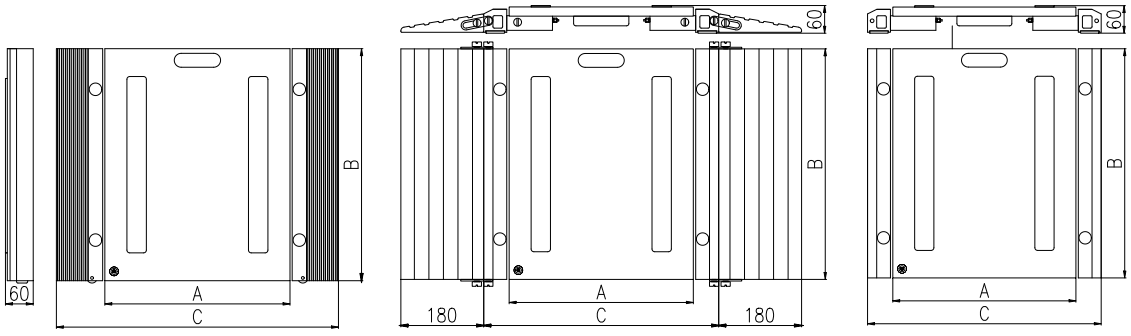
Inverted slope diversion: “ E” type;

Narrow slope diversion: “ F” type.

Scale type	Scale material	Scale thickness（mm）	Slope name	Slope material	Slope size（mm）	Sensor type
LP7660A-Y	aluminium alloy	20	Ordinary slope	aluminium alloy	100*50	LP7110H-1~3t
LP7660A-E	aluminium alloy	20	Inverted slope	aluminium alloy	50*50	LP7110H-1~3t
				rubber	180*40	LP7110H-1~3t
LP7660A-F	aluminium alloy	20	Narrow slope	aluminium alloy	50*50	LP7110H-1~3t

1.3.4 Scale Specification Parameters

Example: scale size is 400*500 (mm), the corresponding appearance of scale board is as follows:



LP7660W-YZ-4050 LP7660W-EZ-4050 LP7660W-FZ-4050

Note: In the figure, mark “A”,” B” and “C” correspond to” the width of the scale”,” the length of the scale” and “the width of the scale board”.

Specification Parameter

number	Scale version	range	size			Scale weight (kg)	Senor’s number
			A	B	C		
1	LP7660A-YZ-3040	0.5t~5t	300	400	540	15	4*LP7110H 1~3t
2	LP7660A-YZ-4050	1.5t~5t	400	500	640	18	4*LP7110H 1~3t
3	LP7660A-YZ-4570	5t~15t	450	700	690	30	6*LP7110H 1~3t
4	LP7660A-YZ-5090	10t~20t	500	900	740	50	8*LP7110H 1~3t
5	LP7660A-YZ-6090	10t~20t	600	900	840	65	8*LP7110H 1~3t
6	LP7660A-EZ-3040	0.5t~5t	300	400	410	16	4*LP7110H 1~3t
7	LP7660A-EZ-4050	1.5t~5t	400	500	510	20	4*LP7110H 1~3t
8	LP7660A-EZ-4570	5t~15t	450	700	560	35	6*LP7110H 1~3t
9	LP7660A-EZ-5090	10t~20t	500	900	610	60	8*LP7110H 1~3t
10	LP7660A-EZ-6090	10t~20t	600	900	710	75	8*LP7110H 1~3t
11~15	LP7660A-F Scale’s specification parameters can refer to LP7660A-E						

2. Installation and calibration

2.1 Check

Open the box and check all items according to the packing list. If som missed or broken, please contact with our company immediately.

2.2 Power supply connection

The indicator is powered by adapter, you plug the adapter directly into the “DC” pin at the back cover the indicator is ok.

2.3 Battery instruction

1. when you use the internal battery first time,you should charge the battery fully, to prevent low voltage resulted from self leakage of battery.

2. when the “ ” is flashing, it means low battery, pls. charge it in time.

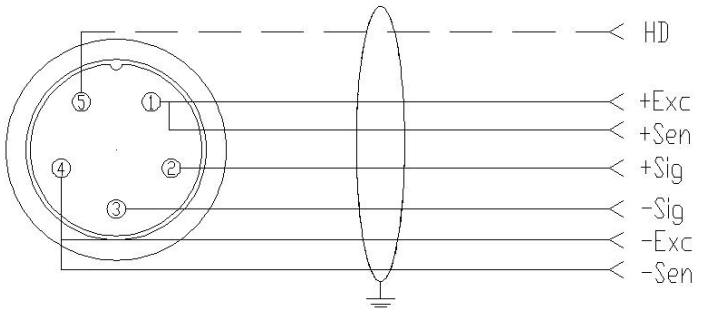
3. when and no flashing, it means fully charged

4. if battery is not used for long time, take it out to avoid the leakage.

5. In order to keep the battery in best using condition, it is suggest that you fully discharge the battery every month, the method is that using the indicator till it is automatically power off.

2.4 Connection of load cell and indicator

The indicator can connect with 4 weighing pads or 24 pcs of load cells 350Ω at most. Quick disconnect of load cell as below.



The number of weighing pads and load cells correspond to the weighing modes. If the pads or load cells are connected at the right way, the indicator can’t work. Please pay attention to the below.

Weighing mode	Number of pads	Load cell connection	Settings	Work scenario
2 scale	2	LFW,RFW	F3→[[NUM 12]	Multi axle vehicle
3 scale	3	LFW,LRW,RRW	F3→[[NUM 13]	Small aircraft
4scale	4	LFW,RFW,LRW,RRW	F3→[[NUM 14]	Cars and trucks

Normal weighing mode and accumulative weighing mode can work with the printer to print the weighing data.

Normal Weighing mode:

To set the printing format “1”, the indicator is in normal weighing mode. It can connect 1/2/3/4/ pads to weigh and “Print” the weighing data and save.

Example:3 weighing pads connect with indicator to weigh the airplane.

a. The pads should connect with LFW,LRW,RRW interfaces;

b. parameter setting:working mode[NUM 13]setting “3”;printing format[PF - 1]setting “1”;

c. Drive the plane on the pads. Press “switch” button, indicator can display the total weight and the weight of each pad and the percentage of each pad weight from the total weight.If printing format setting”1”, the weighing data can print automatically and save after stable.If printing format setting”0”, the weighing data will print and save manually.

Accumulative weighing mode:

To set printing format ”2”, the indicator is in accumulative weighing mode. Now 2/4 pads should be connected with the indicator. And press ”store” button to accumulate the axle weigh and print. Then press “printing” to print the final accumulative weight and save.

Example:Two pads work with the indicator to weigh a truck with three axles.

a. The pads should connect with LFW,RFW interfaces;

b. Parameter setting:working mode[NUM 12] setting“2”;printing format[PF - 2] setting“2”;Axles [ALE - 3]setting“3”.

c. Drive the first axle of the truck on the weighing pads. Press ”Switch” button, indicator can display the axle weight and the each weight of the wheels and the percentage of each wheel weight from the axle weight. If printing format setting “1”, the weighing data can print and save automatically after weighing stable;If printing format setting”0”, the weighing data will print and save manually by press “ store” button.

d. Drive the second axle of the truck on the weighing pads and repeat the operation same as step C, accumulate and print the second axle weight.

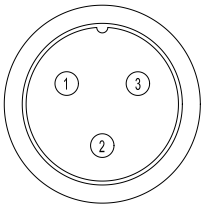
e. Drive the second axle of the truck on the weighing pads and repeat the operation same as step C, accumulate and print the third axle weight.

f. After finishing the weight for three axles, if printing format setting”1”, the total weight will print and save automatically; If printing format”0”, it will print manually by press ”print” button.

2.5 Communication interface

When external communication is needed, external communication can be carried out through RS232.

RS232 :M16-3B Pin definition as below.



Pin function and definition as bellows:

M16-3B	Definition	Function
1	TXD	Sending data
2	RXD	Receiving data
3	GND	Ground interface

3. Basic operation

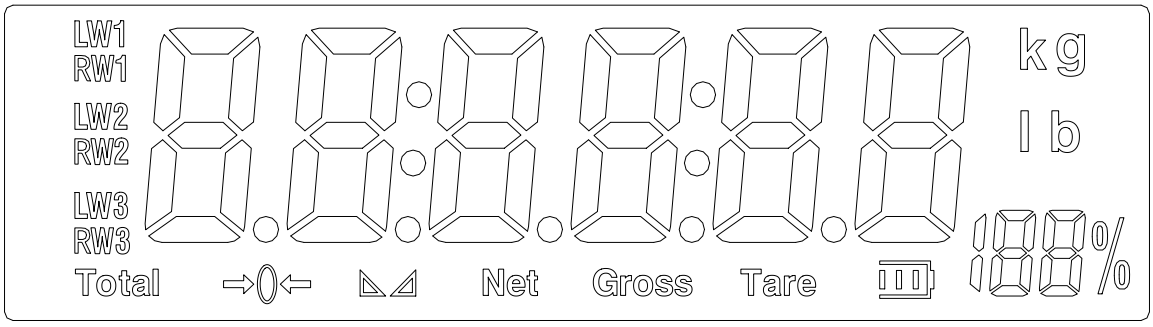
3.1 keypad

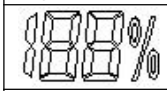


Keys function

keys	Key name	Key function
ON/OFF	Power on/off	Press 2 seconds to power on or power off.
Switch	Switch	Switch the weight between the pad weight and the total weight.
Check	Check	Check and read the saved weight data to print.
Unit	Unit	Covert between kg and lb.
Tare	Tare	At G.W mode, get the tare weight. At N.W mode, clear the tare, get the G.W.
Zero	Zero	Zero the weight within tolerance.
Store	Store	In accumulative weighing mode, to accumulate the axle weight and print the weight data.
Print	Print	1.Printing the weighing data as weighing. 2.Working with the switch button to get into the menu of calibration.

LCD



LCD	Instruction
	Weighing data
Kg/lb	Weighing unit: kg/lb
	Percentage,show how many percentage the pad weight take on the whole weight
Tare	Tare
Gross	Gross weight
Net	Net weight
	The weighing data is stable
	Weight is zero
LFW	The weight of the left front wheel
RFW	The weight of the right front wheel
LRW	The weight of the left back wheel
RRW	The weight of the right back wheel
Total	Go to accumulation mode

3.2 Power on & off

Press 2 seconds to power on or power off. After power on, indicator self inspection, please check the display is normal or not, LCD light then show the voltage of the battery. Finally into weighing mode.

3.3 Zero operation

Within the tolerance, “Zero” key clear the weight on all weighing pads. When the pads unstable or loading over zero range or on tare mode, indicator can’t ZERO and show ERROR.The start-up zero setting range is 10% of the range of single scale body, and the manual zero setting range is 2% of the range of single scale body.

3.4 Tare operation

In normal weighing mode, press ”Tare” button to make the load be tare weight; In accumulative weighing mode, press “Tare” button to preset the tare weight and press “ print” button to confirm the tare weight. The lights on the keypad is showing. In Tare mode, press “Tare” button to deduct the tare weight from the total weight and show the net weight.

Note: Tare mode only show on the total weight display.

3.5 Unit Switch

To press “Unit” button for switching the unit between “KG” and “LB”.

3.6 Checking

Weighing mode, press “Check” button to show “C 0030” (30 records existing), input “C 0020” and press “ Print” to check 20th record. Display show “REAd-0”. Choosing”1” to show date, time, axle, tare weight and total weight one by one. Then “Print 0”, choosing “1” to print this record and back to the Checking display “C 0020”. Press “Check” Button again to quit and back to weighing mode.

3.7 Switching

Weighing mode, press “Switch” button to change the display between the axle weight and the total weight.

3.8 Printing

Manual weighing, press “print” button to print when the pad is stable.

Note:

1. Automatic accumulative weighing mode, press “Print” to print the total weight even if the number of axle don’t reach the setting number.
2. Press”store”and “print”,to add the current weight data printing.

4. Calibration and Parameter setting

4.1 Enter setting

Press “Switch” button and “Print” button together to enter into the menu for setting F1-F9.

The key functions in setting:

key		name	functions
Check		quit	Back to the last menu; Back to normal weight mode.
Unit	◀	left	Move the value to the left and select the actual weight to set.
Tare	▶	right	Move the value to the right and select the actual weight to set.
Zero	▲	increase	When you enter the value,press this key you can increase the value.
Store	▼	decrease	When you enter the value,press this key you can decrease the value.
Print	↵	confirm	Confirm the value; Enter next operation.

4.2 Step of calibration operation

F1 menu:setting working mode, unit, decimal, graduation and span.

Step	Operation	Display	Remark
		[F 1]	**F1 menu**
1	press ▲ or ▼ press ↵	[Unit-0]	Unit:0/1(kg/lb)
2	press ▲ or ▼ press ↵	[dot--0]	Point number:0/1/2/3/4
3	press ▲ or ▼ press ↵	[E - 05]	Graduation setting:1,2,5,10,20,50

4	press ▲ or ▼ / ► or ◄ press ↵	[005000] [010000]	Max capacity of single scale. The max. span is 10000
5	press ▲ or ▼ press ↵	[Cadt - 2]	Calibration points: 2/3/4/5/6/7 The number of calibration points for zero point and loading point.

F2 menu: Zero, loading calibration, save the calibration parameter.

Step	Operation	Display	Remark
		[F 2]	**F2 menu**
1	press ↵	[SEL 2]	Pad choose:calibration for the 2nd pad
2	press ▲ or ▼ press ↵	[CAL 0] [CAL 1] [9] [0]	Zero Calibration: 0=No need calibration 1= need calibration
3	press ▲ or ▼ press ↵	[SPA1 0] [SPA1 1]	0=Skip loading point 1 calibration 1=Loading point 1 calibration
4	press ▲ or ▼ / ► or ◄ press ↵	[005000] [9] [0]	Loading point 1 calibration: Setting loading 5000 an put the 5000kg weight on the 2nd pad. Load at least 10% of the maximum capacity
5	press ▲ or ▼ press ↵	[SPA2 0] [SPA2 1]	0=Skip loading point 2 calibration 1=Loading point 2 calibration
6	press ▲ or ▼ / ► or ◄ press ↵	[010000] [9] [0]	Loading calibration: Setting loading 10000 an put the 10000kg weight on the 2nd pad. Loading choice: load the weight as possible Load at least 10% of the maximum capacity

4.3 Application function parameters setting chart

Step	Operation	Display	Remark
		[F 3]	**F3 menu**
1	press ▲ or ▼ press ↵	[NUM 01]~ [NUM 04] [NUM 11]~ [NUM 14]	[NUM 01] : The first digit indicates whether printing requires loading. 0=Can be printed by empty scale, 1=Needs to be loaded for printing; The second digit indicates the number of channels. The optional values are 1/2/3/4, corresponding to four working modes.
2	press ▲ or ▼ press ↵	[Car 0]	0=Don't change car number 1=Change car number
3	press ▲ or ▼ / ► or ◄ press ↵	[0000]	Enter a 4-digit car number Corresponding to the "Vehicle" in the printed document
4	press ▲ or ▼ press ↵	[OPE 0]	0=Don't change operator number 1=Change operator number
5	press ▲ or ▼ / ► or ◄ press ↵	[00]	Enter a 2-digit employee number Corresponding to the "Operator" in the printed document
6	press ▲ or ▼ press ↵	[PF - 1]	Printing format setting 0: No printing 1:normal printing format for normal weighing. 2:Accumulative printing format for accumulative weighing.
7	press ▲ or ▼ press ↵	[PC - 1]	Printing coupon numbers setting 1/2/3

Step	Operation	Display	Remark
		[F 4]	**F4 menu**
1	press ▲ or ▼ press ↵	[PM - 1]	Printing method 0: manual 1:automatic
2	press ▲ or ▼ press ↵	[ALE-02]	The number of axle settings In accumulative weighing mode, the number of axle should be pre-setted.
3	press ▲ or ▼ press ↵	[Ztr 0.5]	Set zero tracking range 0.0/0.5/1.0/2.0/3.0/4.0/5.0 *d Note: 0=zero point tracking is turned off;
4	press ▲ or ▼ press ↵	[Ztt 1]	Zero tracking time 0=Off; 1=1 second; 2=2 seconds; 3=3 seconds.

Step	Operation	Display	Remark
		[F 5]	**F5 menu**
1	press ▲ or ▼ press ↵	[Baud-1]	Baud rating setting 0:600; 1:1200; 2:2400; 3:4800 4:9600; 5:19200; 6:38400 7:57600; 8:115200
2	press ▲ or ▼ press ↵	[CP 1]	Communication setting 0: communication off. 1: communication format 1 for PC. 2:communication format 2 for second display(YAO HUA MODEL). 1.communication format 3 for second display(TOLEDO MODEL). 9.Command operation format.
3	press ▲ or ▼ / ► or ◄ press ↵	[OFF 00]	Automatic power off setting: 00:no power-off 10:Automatic power-offer after ten min.
4	press ▲ or ▼ / ► or ◄ press ↵	[OBL 00]	Back lit setting 00:Back lit on 10:Back lit off after ten seconds. Backlist off: in zero condition and no operation.

5	press ▲ or ▼ press ↵	[Date 0]	Date format. 0: month day year 1: year month day 2: day month year
6	press ▲ or ▼ / ► or ◄ press ↵	[15.09.19]	Date setting: [11.08.13]
7	press ▲ or ▼ / ► or ◄ press ↵	[09:15:11]	Time setting: [15:17:30]
8	press ▲ or ▼ press ↵	[Us 0]	0:stop kg/lb conversion 1:kg/lb conversion is ok
9	press ▲ or ▼ / ► or ◄ press ↵	[PZ 010]	Zero range for startup. 0~100%
10	press ▲ or ▼ / ► or ◄ press ↵	[MO 002]	Manual zeroing range setting 0~100%
11	press ▲ or ▼ / ► or ◄ press ↵	[Ndr 000]	Negative value display range setting 0~100% When set to 0, the default maximum negative value displayed is -20d

Step	Operation	Display	Remark
		[F 6]	**F6 menu**
1	press ↵	[S-0560]	560 records in indicator. Max. recording is 2000 cps.
2	press ↵	[HE-1.2A]	PCB version 1.2A
3	press ↵	[PCN1.03]	Software version 1.03

Step	Operation	Display	Remark
		[F 7]	**F7 menu**
1	press ↵	[V 6.344]	Inquire instrument battery voltage
2	press ↵	[XXXXXX]	Check the LW1 wheel ad code
3	press ↵	[XXXXXX]	Check the RW1 wheel ad code
4	press ↵	[XXXXXX]	Check the LW2 wheel ad code
5	press ↵	[XXXXXX]	Check the RW2 wheel ad code

Step	Operation	Display	Remark
		[F 8]	**F8 menu**
1	press ↵	[dELA-0] [dELA-1]	0:No deleting the weighing record. 1:Deleting the weighing record.
2	press ▲ or ▼ press ↵	[dEAL-0] [dEAL-1]	0:No deleting all the records. 1:deleting all the records.

Step	Operation	Display	Remark
		[F 9]	**F9 menu**
1	press ▲ or ▼ press ↵	[dEF 0] [dEF 1]	0: Skip. 1: Initialize parameters. After initialization, re-calibration is required. Please operate with caution

5.Serial interface reception command

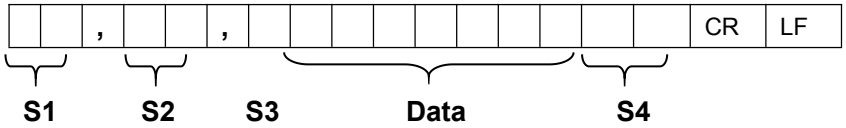
Command 1~3 is continues to sending;

Command 4~5 is manual send, it can send weight to PC, when printing.

5.1 Communication Format 1

(RS232COM serial interface can receive simple ASCII command)

RS232 parameter: 9600Bit/S Baud rate, 8 digits, no check point, 1 stop.



S1: weight status, ST= standstill, US= not standstill, OL= overload

S2: weight mode, GS= gross mode, NT= net mode

S3: weight of positive and negative, “+” or ” –“

S4: Measurement unit ,“kg” or “lb”

Data: weight value, including decimal point

CR: carriage return

LF: line feed

5.2 Communication Format 2

Compatible for YAOHUA, format 2 [CP 2], baud rate 600 [Baud 0].

5.3 Communication Format 3

Compatible for Toledo big display, format 3 [CP 3], baud rate 1200 [Baud 1].

5.4 Communication Format 4

The weighing data can be sent to the computer when printing, format 4 [CP 4], baud rate 9600 [Baud 4], data format refers to print format.

5.5 Communication Format 5

The weighing data can be sent to the computer when printing, format 5 [CP 5], baud rate 9600 [Baud 4]. For example, the upload data format of one scale:

WEIGHING REPORT ---------- NO. : 0594 Date: 2013-11-02 Time: 11:10:41 Vehicle: 0000 Operator: 00 LW: 429.0kg ---------- Gross: 429.0kg

5.6 Communication Format 6~8

Data format is the same as communication format 1-3. Press the print key to upload the weight manually. Setting [CP 0] to turn off printing function.

5.7 Communication Format 9

Set [CP 4] under F3 menu, set corresponding baud rate, and then send command byte to perform corresponding operation or read weight data. The specific orders are as follows:

1. T command

Send "T" to perform peeling and skin returning operations.

2. Z command

Send "Z" to perform zeroing.

3. C command

Send "C" to perform unit switching operation

4. R command

Send "R" to read the weight value of the currently selected channel.

Return : STX POL XXXX.XX SP LB/KG SP GR/NT CR LF

5. N command

Send "N" to read the internal code value of the currently selected channel.

Return : STX SP SP SP XXXXXX SP IC SP IC CR LF

6. 1~4 command

Send a bit in "1", "2", "3" and "4" to read the weight value of the corresponding channel.

Return : STX POL XXXX.XX SP LB/KG SP GR/NT CR LF

7. S command

Send "S" to read the sum of the current channel weight values.

Return : STX POL XXXX.XX SP LB/KG SP GR/NT CR LF

6. Print format

6.1 Normal Printing format

Single pad:

```
WEIGHING  REPORT
----------------
NO. : 0001
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1:      1000kg
----------------
Gross:    1000kg
----------------
```

Double pads:

```
WEIGHING  REPORT
----------------
NO. : 0001
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1:      1000kg
RW1:      1000kg
Axle01:   2000kg
----------------
Gross:    2000kg
----------------
```

Three pads:

```
WEIGHING  REPORT
----------------
NO. : 0001
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1:      1000kg
LW2:      1500kg
RW2:      1500kg
Axle02:   3000kg
----------------
Gross:    4000kg
----------------
```

Four pads:

```
WEIGHING  REPORT
----------------
NO. : 0001
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1:      1000kg
RW1:      1000kg
Axle01:   2000kg

LW2:      2000kg
RW2:      2000kg
Axle02:   4000kg
----------------
Gross:    6000kg
----------------
```

6.2 Accumulative printing format

```
Double axles:
WEIGHING  REPORT
---------------
NO. : 0003
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1:      1000kg
RW1:      1000kg
Axle01:   2000kg

LW1:      2000kg
RW1:      2000kg
Axle02:   4000kg

----------------
Gross:   6000kg
----------------
```

```
Four axles:
WEIGHING  REPORT
----------------
NO. : 0003
Date: 01-20-2025
Time: 13:37:07
Vehicle: 0000
Operator:00

LW1   :   1000kg
RW1   :   1000kg
Axle01:   2000kg

LW2:      1000kg
RW2:      1500kg
Axle02:   2500kg

LW1   :   2000kg
RW1   :   2000kg
Axle03:   4000kg

LW2:      2000kg
RW2:      2000kg
Axle04:   4000kg

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Gross:   12500kg
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```

7.Maintenance

7.1 Regular error and solution

ERROR	REASON	SOLUTION
UUUUUU	1.Overload 2.wrong connection with load cell 3. load cell has quality problem.	1. reduce the weight 2. check load cell connection 3. inspection load cell. Check the input and output
nnnnnnn	1.calibration is no good 2. wrong connection 3. load cell has quality problem	1. check scale is resisted or not, foot is kept level or not. 2. check load cell connection. 3. checking load cell
ERR10	Zering, not on stable weighing condition.	Zering, on stable weighing condition
ERR11	Zero and tare at same time.	Back to G.W, then Zero
ERR12	Out of the zero range	Move the extra load
ERR15	Tare, no on stable weighing condition	Tare after stable weighing
ERR16	Tare when no load	To load some, then tare
ERR17	Out of tare range	Decrease the tare weight
ERR25	The S/N number wrong when checking the weighing record	Assure the S/N number within the Number of records
ERR30	Printing format wrong at accumulative weighing mode	Printing format setting”2”
ERR31	Working mode wrong at accumulative weighing mode	Working mode setting”2/4”
ERR32	Weighing over the span Or display range or unstable or failure of zero at accumulative weighing mode.	Load properly at zeroing, then printing after data stable.
ERR33	Display Error, Printing with the indicator at accumulative weighing mode.	Print the total weight after accumulating the weight of axles.
ERR34	Printing error at normal Weighing mode.	Stable then printing
ERR35	Printing format wrong at normal weighing mode.	Setting”1”

7.2 Daily maintain

1.Protect the indicator from strong sunlight to prolong the using life.

2.Good connection between load cell and indicator. Far from away from strong electric field, magnetic field.

3.Power off the indicator when lightning.

4.Power off the indicator firstly before plug and unplug.

Packing list

S/N	Item	Specification	Unit	Qty	Packing
1	Indicator	LP7561	PCS	1	
2	Aluminum alloy bag/bracket		PCS	1	
3	Packing bag		PCS	1	
4	Accessories bag		PCS	1	
5	adapter	DC 9V	PCS	1	
6	User manual	Series	PCS	1	
7	Communication interface	M16-3B / DB9	PCS	1	
8	Certificate		PCS	1	

Please check all the parts carefully according to the packing list attached in the specification while opening the indicator box. If there is a lack of parts or damage, please contact our after-sales service department to get timely processing.

Manual number:
7660ACG202260603