

ANYLOAD[®]

P380

Handheld Wireless Display

Operations Manual (V1904)



1. P380 Features and Functions

- Hand Held Size: the enclosure is designed for comfortable handheld operation
- Two-way wireless communication: can do tare, zero scale, calibration and parameter setting
- Display: five 25mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stability
- Battery: four AA size alkaline batteries that can allow up to 50 hours continuous operation
- Set Points: Two user programmable Set Points that can be used for safety and warning applications, or weighing limits
- Communication: RS232 communication port is available for easy extraction of data or printing operation, continuous output can drive a scoreboard (optional)
- Operating Temperature: -20°C to 60°C
- Antenna: concealed antenna as an integral part of the receiver
- Update Rate: 12 times per second from load cell
- Radio Frequency: 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

2. Turning On the P380

OPERATION	DISPLAY	ILLUSTRATION
【ON/OFF】	【 88888 】	Displays twice, self test
	【 Ert 】	Displays twice
	【 u 1.2 】	Displays current software version
	【 CH=E3 】	Displays current wireless channel E3
	【 U=3.98 】	Displays current battery voltage is 3.98
	【 —— 】	Waiting to stable
	【 0 】 or 【 noSIG 】	If it displays 0, means the indicator can communicate with the dynamometer, if display noSIG, means no signal from dynamometer.

2.P380 Indicator Keys

【ON/OFF】

- I. Pressing “ON/OFF” key for 1 second, the indicator will turn on.
- II. At ON status, press the “ON/OFF” key for 1 second to turn off the indicator.

【ZERO】

- I. In testing status, if it shows reading other than zero, press this key to obtain the zero reading.
- II. In Parameter Settings mode, it is used for scrolling up.

【TARE】

- I. If there is tare weight on the dynamometer and the reading is stable, pressing this key will display “0” and “N” indicator flashes.
- II. Put the loads into container, the dynamometer will display load’s net weight.
- III. If load is removed from the container, the dynamometer will display minus value of tare weight
- IV. In Parameter Settings mode, it is used as for moving to digits.

【MODE】

Used as function shift, or can be combined with other key.

- Press 【MODE】 key once, it will display “OFF”, Pressing the 【ENTER】 Key will remotely turn off the dynamometer.
- Press 【MODE】 key twice, it will display “SETUP”. Pressing the 【ENTER】 Key will access Parameter Settings. After the settings is finished, press the 【MODE】 key again to save data and return to test menu

- Press **【MODE】** key 3 times, it will display “dC”. Press the **【ENTER】** Key to display the dynamometer battery voltage and press **【MODE】** key again to go back to test MENU
- Press **【MODE】** key 4 times, it will display “Unit”. Press the **【ENTER】** Key to access unit selection. Press **【ZERO】** key to select unit and press **【MODE】** key again to go back to test MENU
- Press **【MODE】** key 5 times, it will display “ACCU”, Press the **【ENTER】** Key to access Accumulation Status. Press **【MODE】** key again to go back to test MENU.
- Press **【MODE】** key 6 times, it will display “SACCU”. Press the **【ENTER】** Key to access Accumulation Search Status. Press the **【MODE】** key again to go back to test MENU
- Press **【MODE】** key 7 times, it will display “cLEAR”. Press the **【ENTER】** Key to access Accumulation clear Status and displays “CLr”. Press **【ENTER】** Key again to display “noCLr”. Press **【MODE】** key again to go back to test MENU
- Press **【MODE】** key 8 times, it will display “CLIBr”. Press **【ENTER】** Key to enter into calibration program, Once calibration is finished, press **【MODE】** key to go back to test MENU. Details on calibration refer to manual of OCSD.
- Press **【MODE】** key 9 times, it will display “ESC”. Press **【ENTER】** Key to return to weighing mode.

【ENTER】

Used as function selection, normally combined with **【MODE】** Key

【PEAK】

When load is changing and not stable, press this key to catch and display the maximum reading of the load and freeze the screen.

Press this key again to return to normal weighing mode.

4. Changing Wireless Channels

Note: () means the key on the dynamometer

【 】 means the key on the indicator

〔 〕 means the display content

Changing the Channels of Indicator and Dynamometer with P380

First step is change the channel of dynamometer. Before changing the dynamometer's channel, make sure the channel of both dynamometer and indicator is the same and both devices are communicating properly.

Leave the dynamometer on and switch off the P380. Press and hold the 【PEAK】 and 【MODE】 keys together then press 【ON/OFF】 key. Hold until its displays 【SETdC】. Follow the steps in the table below to change the dynamometer's channel. You will notice the dynamometer is controlled by P380.

KEY	DISPLAY	ILLUSTRATION
Press 【PEAK】 【MODE】 【ON/OFF】 3 Seconds	〔0000〕 3 seconds	Make sure after indicator is displaying 〔8888〕 then release the three keys
	〔8888〕	
	〔 Ert 〕	
	〔 u 1.2 〕	Displays the current indicator software version
	〔 CH=E3 〕	Displays the current indicator wireless channel E3
	〔 U=X.XX 〕	Displays the current battery voltage X.XX
	〔 SETdC 〕	
Press 【MODE】	〔 SEtrF 〕	Dynamometer's RF parameter setting
Press 【ENTER】	〔 CH E3 〕	Displays the current dynamometer's wireless channel (default is E3). Can be set from 00 to FF. Press 【ZERO】 to change the value of the digit and press 【TARE】 to move to the next digit.
Press 【MODE】	〔 SEtrF 〕	Make sure the dynamometer is displaying

		〔END〕 and will return to normal status such as displaying 〔 0 〕 . It means the dynamometer has saved the changes.
Press 【MODE】	〔SEt3P〕	Used for 3 point calibration
Press 【MODE】	〔dFULt〕	
Press 【MODE】	〔 ESC 〕	
Press 【ENTER】	〔CH E3〕 〔 0 〕 or 〔noSIG〕	If the indicator displays 〔 0 〕 , it means the wireless communication is working. If it displays 〔noSIG〕 , it means both devices have different channels.
Press 【ON/OFF】		Turn off

Now that the dynamometer’s channel has changed, we will set the channel of P380 to make it the same with its dynamometer. Turn off both the P380 and dynamometer. Press and hold the 【ZERO】 and 【TARE】 keys then press 【ON/OFF】 key until it displays 〔LOCAL〕 . At this stage the dynamometer should be off.

KEY	DISPLAY	ILLUSTRATION
Press 【 ZERO 】 【TARE】 【 ON/OFF 】 3 Seconds	〔0000〕 3 seconds	Make sure after indicator is displaying 〔88888〕 then release the three keys
	〔88888〕	
	〔 Ert 〕	
	〔u 1.2〕	Displays the Current handheld instrument Software version
	〔CH=E3〕	Display current indicator wireless channel E3
	〔U X.XX〕	Displays the Current handheld instrument voltage
	〔LOCAL〕	Local parameter setting
Press 【MODE】	〔CH E3〕	Displays the current wireless channel (default is E3). Can be set from 00 to FF. Press 【ZERO】 to change the value of the digit and press 【TARE】 to move to next digit. Change the channel number here, the same channel number what you had assigned in dynamometer.

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Press 【 PEAK 】 and 【 ENTER 】	〔 0 〕 or 〔 noSIG 〕	Press 【 PEAK 】 and 【 ENTER 】 at same time for 3 seconds to save the changes. If the indicator displays 〔 0 〕 , it means the wireless communication is working. If it displays 〔 noSIG 〕 , it means both devices have different channels.
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