



Price Computing Scale

P510

User Manual

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I. INTRODUCTION

This manual provides detailed instructions for the installation and operation of the P510 Price Computing Scale. Please read this manual in its entirety before installing and operating the device.

Safety Precautions

- Do not allow liquids or foreign devices to enter device.
- Place the device in an environment free from excessive dust and moisture.
- Place the device on a stable, vibration-free, level surface away from direct sunlight
- Place the device in a location safe from wind, to avoid sudden temperature changes or unstable weight readings
- Do not drop loads or leave permanent load on the platform. This may damage the measuring system.

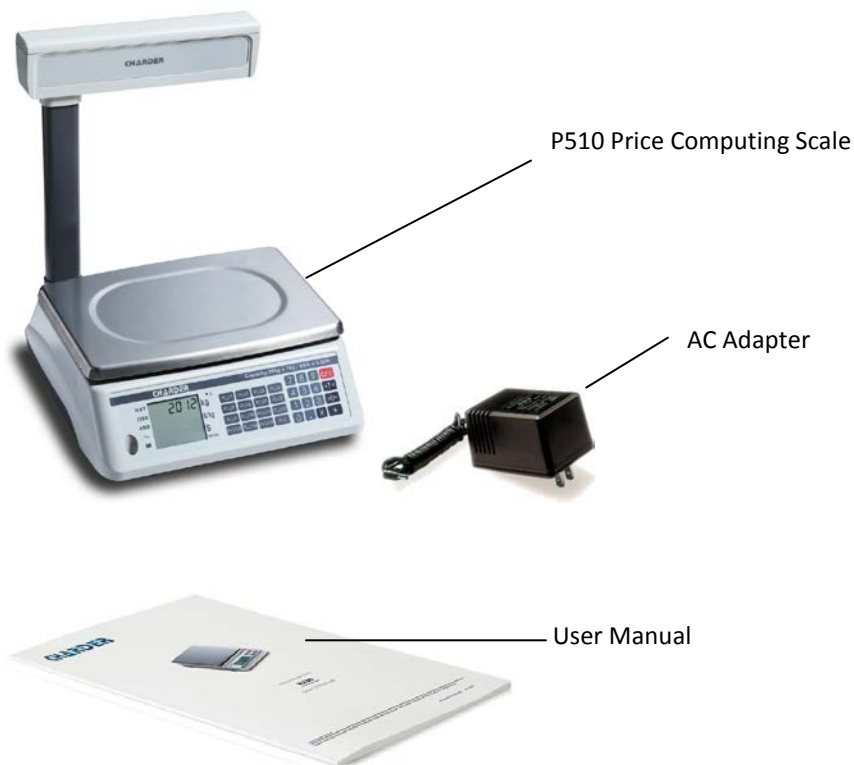
Level Adjustment

Before use, make certain the device is level. The level indicator is located on the front of the device. If the device is not level, loosen the locking ring on all four adjustment feet, and adjust as needed to center the bubble. Once level, lock the adjustment feet in place by tightening the adjustment locking rings against the bottom of the device.

II. INSTALLATION

Package Contents

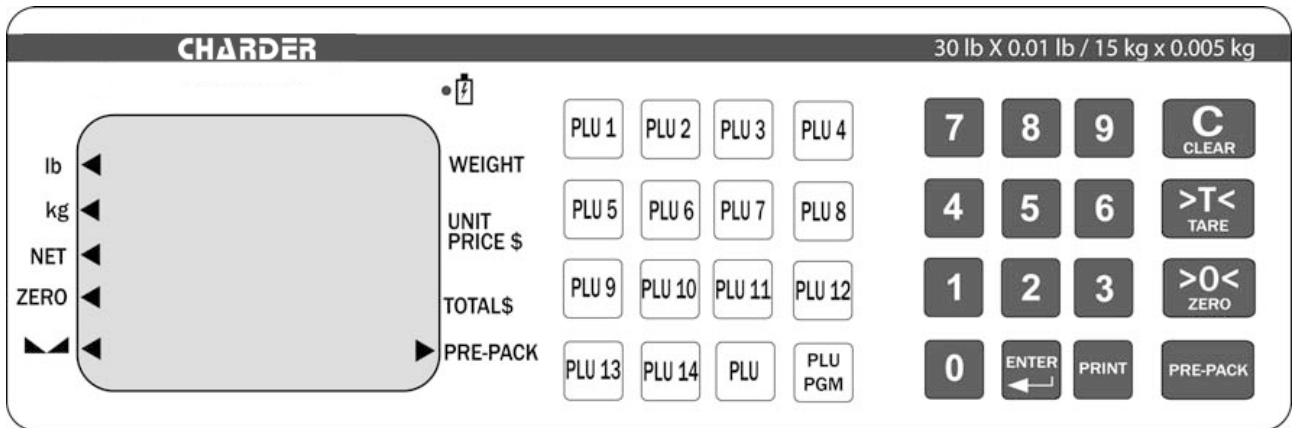
- P510 Price Computing Scale
- User Manual



Selecting the Location

Place the device in an environment free from excessive dust and moisture. Place the device on a stable, vibration-free, level surface away from direct sunlight. If the AC adapter is used, ensure that power cable is routed to minimize tripping hazard.

Display & Keypad Description







Arrow Display symbols

1. lb: indicates weight is displayed in pounds, and UNIT PRICE is per pound.
2. kg: indicates weight is displayed in kilograms, and UNIT PRICE is per kilogram.
3. NET: indicates displayed weight is net weight. Net weight is calculated by subtracting tare weight from gross weight.
4. ZERO: indicates the gross scale weight is zero.
5. : indicates weight on device is stable
6. : red light indicates battery is charging. Green light indicates battery is fully charged.
7. PRE-PACK: indicates device is in Pre-Pack mode, used for repetitive price computing.

Key Functions

1. : Clear Unit Price. Clears PLU and clears Tare.
2. : Stores current Gross Weight as new Tare Weight, and changes device to Net Weight mode.
3. : Sets weight display to zero.
4. : Retains Unit Price and Tare for repetitive price computing
5. : Enter input
6. : Print label

7.  : Price Look Up for PLU 15-99
8.  : Program Price Look Up for PLU 1-99
9.  : Price Look up for PLU 1-14
10.  : Numeric keys 0-9

Operation

Power On

The power switch is located on the bottom right-side panel towards the front of the device. After device is switched on, it will perform a brief display test. After test completion, software version will be displayed, followed by weight display showing zero weight, indicating device is now ready for use.



Before using the device, it should be "warmed up" (switched on and unloaded for about 15-20 minutes)

Weight Measurement

Displaying Weight

1. With device in weigh mode, "0.000" will be displayed on the weight indicator, and "0.00" will be displayed on the UNIT PRICE and TOTAL PRICE indicators.
2. Place item to be weighed upon the measurement platform.
3. WEIGHT display will show weight of item on measurement platform.

Note: UNIT PRICE and TOTAL PRICE will remain at "0.00"

Zero Weight Display

1. Press the **ZERO** key.
2. Weight display will return to zero. The ZERO symbol will be marked on the display.

Tare

1. Place empty container on measurement platform.
2. Press **TARE** key.
3. WEIGHT display will change to zero, and the NET WEIGHT symbol will be marked on the display.
4. Key in unit price using keypad.
5. Place item in container. Net weight of item will be displayed.
6. Read net item weight and total price.
7. If label printer is connected to device, press **PRINT** key to print a label.
8. Remove container and item from measurement platform.
9. Device will return to zero, and clear tare and unit price information.
10. Device is ready for next operation.

Standard Unit Price Computation

1. Place item on device.
2. Enter UNIT PRICE using keypad.
3. Read WEIGHT and TOTAL PRICE.
4. If label printer is connected to device, press **PRINT** key to print a label.
5. Remove item from measurement platform. Weight will return to zero, and price will be cleared.

Pre-Pack

Used for repetitive price-computing of items with the same unit price.

1. Enter tare is needed (see "Tare"). Tare entry will be stored in PRE-PACK mode.
2. Enter unit price and press **PRE-PACK** key. The PRE-PACK symbol will be marked on the display.
3. Place items on device.
4. If label printer is connected to device, press **PRINT** key to print a label.
5. Once pre-packing operation is complete, press **CLEAR** key to clear unit price, turn off PRE-PACK mode, and clear Tare.

Price Look Up (PLU)

PLU Programming (without tare weight)

1. Press **PLU PGM** key.
2. Press the PLU key (PLU1-PLU14) or enter the pre-programmed PLU number (15-99)
3. Press **ENTER**.
4. Enter the UNIT PRICE using keypad, and press **ENTER** twice.

PLU Programming (with tare weight)

1. Press **PLU PGM** key.
2. Press the PLU key (PLU1-PLU14) or enter the pre-programmed PLU number (15-99)
3. Press **ENTER**.
4. Enter the UNIT PRICE using keypad, and press **ENTER**.
5. Enter known Tare weight using keypad, or place empty container on measurement platform and press **ENTER**.

PLU Operation

1. Press the key to call up desired PLU (PLU1-PLU14 key, or PLU key followed by 15-99).
2. The PLU Unit Price will be displayed.
3. If a Tare weight is programmed for the selected PLU, the displayed Weight will be negative, and the NET symbol will be marked on the display.
4. Place the item on the scale. Be sure to use the proper container if a Tare weight is programmed.
5. The Total Price will be displayed.
6. If label printer is connected to device, press **PRINT** key to print a label.
7. Remove the item. Device will exit from PLU, and return to zero weight.

Pre-Pack Operation with PLU

Used for repetitive price-computing of items with the same unit price.

1. Select the desired PLU as above.
2. Press the **PRE-PACK** key. The PRE-PACK symbol will be marked on the display.
3. Place item on scale.
4. If label printer is connected to device, press **PRINT** key to print a label.
5. Repeat until all items have been weighed.
6. When pre-packing operation is complete, press the **CLEAR** key to turn off pre-pack mode and exist PLU.

III. SETTINGS

To access settings, press and hold the **PRE-PACK** key while switching the device on. Screen will display "SETUP". Use the following keys to navigate the settings:

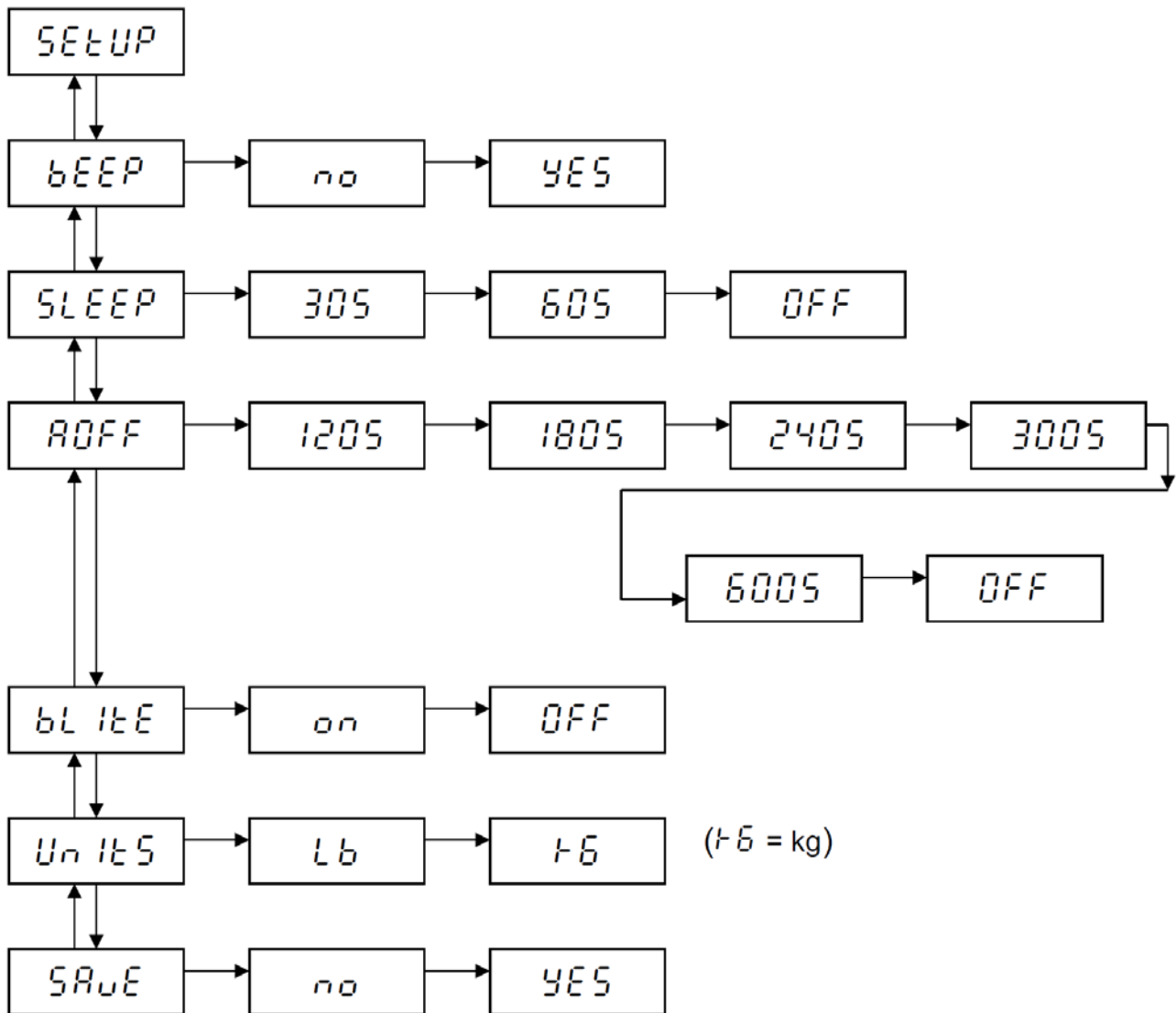
PRE-PACK ↓ Accept displayed setting, proceed to next step

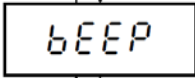
TARE → Toggles available settings for the current step

ZERO ↑ Returns to previous step

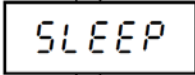
CLEAR. Exit setup, save settings

Settings Overview

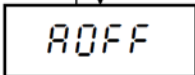


Setting Details

Beep

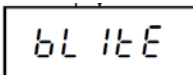
When turned on, device will emit "beeping" noise when keys are pressed. Press **TARE** to toggle between on/off, and press **PRE-PACK** to confirm setting.


Sleep

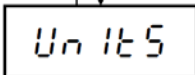
When turned on, device will enter sleep mode after a certain period of time. Press **TARE** to toggle between 30/60 seconds, and press **PRE-PACK** to confirm setting.


Auto Off

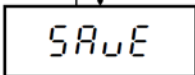
When turned on, device will automatically turn off after a certain period of time. Press **TARE** to toggle between 120/180/240/300/600 seconds, and press **PRE-PACK** to confirm settings.


Backlight

When turned on, screen will light up when keys are pressed or weight change occurs. Press **TARE** to toggle between on/off, and press **PRE-PACK** to confirm setting.


Unit Switch

Press **TARE** to toggle between kg/lb, and press **PRE-PACK** to confirm setting.


Save Settings

Determine whether or not to save changes made in settings. Press **TARE** to toggle between Yes/No, and press **PRE-PACK** to confirm setting.

IV. CARE & CLEANING**DO NOT**

Submerge the device in water, or spray directly at device.

Use acetone, thinner, or other volatile or corrosive solvents for cleaning.

DO.

Clean the indicator with a damp soft cloth and mild non-abrasive detergent

Remove AC adapter before cleaning

Clean and store device in dry environment

Charge internal battery every 3 months while in storage

V. ERROR AND STATUS MESSAGES

ERROR MESSAGE	DESCRIPTION	REMEDY
OCAP	Maximum capacity exceeded	Remove excess weight, and use device within capacity limits.
Lo bAt	Low battery	Recharge batteries and/or connect device to AC adapter
ErrE	Program error	Contact distributor for service
ErrH	Zero value too high	Empty measurement pan. Check if device is placed correctly. Recalibrate device.
ErrL	Zero value too low	Check if device is placed correctly. Recalibrate device.
ErrS	Keypad error	Contact distributor for service

VI. WARRANTY

- If Charder is responsible for a fault or defect present upon receipt of the unit, Charder shall either repair the fault, or supply a replacement unit. Should the repairs or replacement delivery fail, statutory provisions shall be valid. The period of warranty shall be two years, beginning on the date of purchase. Please retain your receipt as proof of purchase.
- No responsibility shall be accepted for damage caused through any of the following reasons: unsuitable or improper storage or use, incorrect installation or commissioning by the owner or third parties, natural wear and tear, changes or modifications, incorrect or negligent handling, chemical, electrochemical, or electrical interference, unless damage is attributable to negligence on the part of Charder.

This device does not contain any user-maintained parts. All maintenance, technical inspections, and repairs should be conducted by an authorized Charder service partner, using original Charder accessories and spare parts. Charder is not liable for any damages arising from improper maintenance or usage. Dismantlement of the device will void the warranty.

VII. SPECIFICATIONS

MODEL	P510		
Capacity	6 kg / 15 lb	15 kg / 30 lb	30 kg / 60 lb
Graduation	2 g / 0.005 lb	5 g / 0.01 lb	10 g / 0.02 lb
Power Requirements	Rechargeable battery pack and AC adapter		
Weighing Units	kg, lb		
Display	0.5-inch high seven-segment backlit LCD		
Key Function	Price Look Up (PLU), PLU Program (PLU PGM), Clear, Tare, Zero, Pre-Pack, Print, 0-9 Keypad, On/Off		
Operating Temperature and Humidity	0°C to 40° C / 32°F to 104°F 15% - 85% RH		
Device Dimensions	340 x 340 x 127 mm / 13.39" x 13.39" x 5" in		
Platform Dimensions	320 x 230 mm / 12.60" x 9.06"		
Device Weight	4 kg / 8.8 lb		

Disposal



In conformance with the European Directive 2002/96 EC on Waste Electrical and Electronic Equipment (WEEE), this device may not be disposed of with domestic waste. This also applies to countries outside the EU, according to their specific requirements.

Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment. For more detailed information about recycling this product, please contact the local distributor from which you purchased this device.

CHARDER

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