

# PR<sup>PLUS</sup> SERIES

Price Computing Scale



# CAS

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# PRECAUTIONS

## Warning

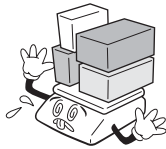
Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

**Do not disassemble the scale.**

When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.



**Do not overload beyond the maximum weight limit.**



**Scale must be grounded to minimize electricity static.**

This will minimize defect or electric shock.

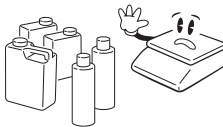


**Do not pull the plug by its cord when unplugging.**

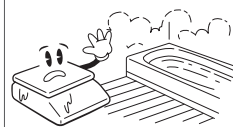
Damaged cord could cause electric shock or fire.



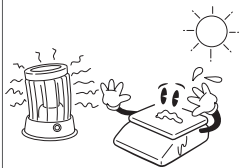
**To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.**



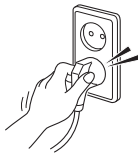
**To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.**



**Avoid placing the scale near heater or in direct sunlight.**

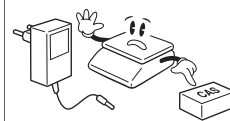


**Insert plug firmly to wall outlet to prevent electric shock.**



**Use proper Adapter.**

Incorrect adapter could damage the scale.



## PRECAUTIONS

### Attention

Make sure to plug your scal into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.



Grab on the bottom of the scale when moving.



Keep the scale away from other electromagnetic generating devices.

This may interfere with accurate reading.



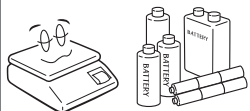
Place the scale on firm and temperature consistent environment.



By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.



Take the battery out when scale is not in use for long time. Leakage from the batteries is hazardous.



# PREFACE

Thank you for purchasing CAS PR<sup>PLUS</sup>

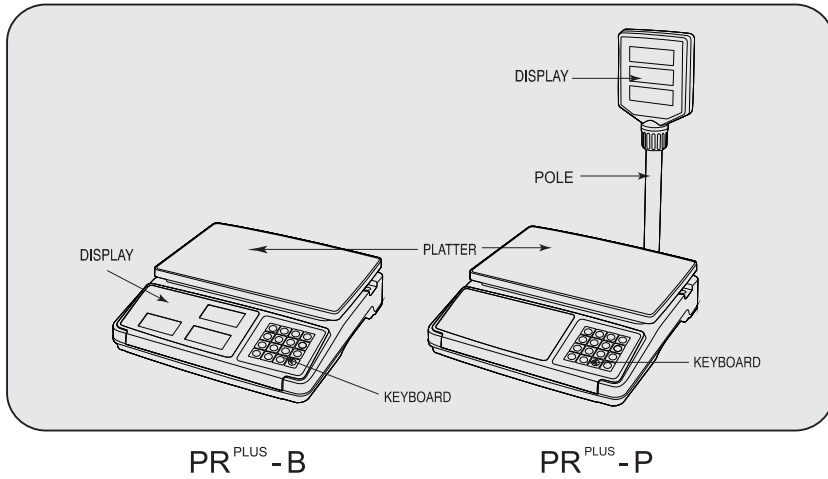
These series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your special departments can enjoy these high quality reliable CAS products.

We believe that your needs will be satisfied and you will have proper reliability.

This manual will help you with proper operation and care of the PR<sup>PLUS</sup>

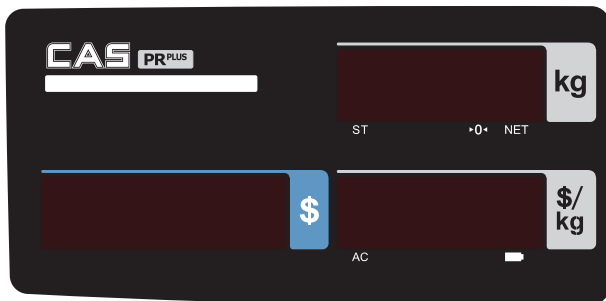
Please keep it handy for future reference.

# OVERALL VIEW

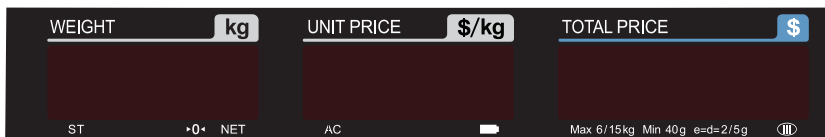


## DISPLAY AND KEY BOARD

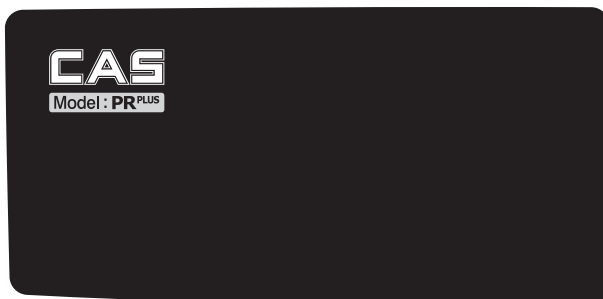
### ■ PR<sup>PLUS</sup>-B Front display



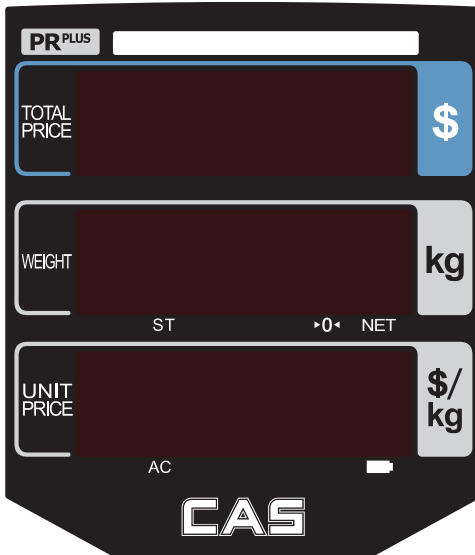
### ■ PR<sup>PLUS</sup>-B Rear display



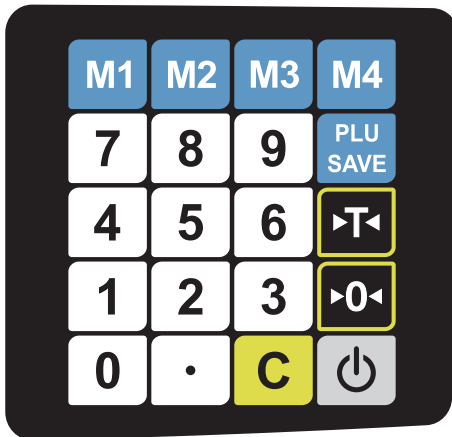
### ■ PR<sup>PLUS</sup>-P Front cover













■ PR<sup>PLUS</sup>-P display



■ key

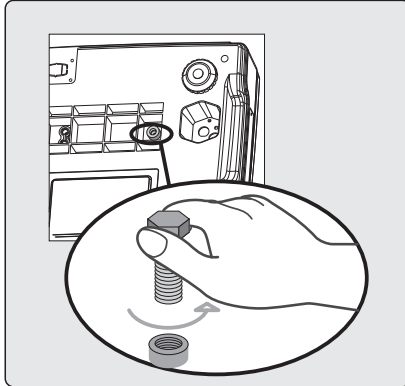


## ■ Function keys

KEYS	FUNCTIONS
 ~ 	Used to enter all the numeric data.
 ~ 	PLU key.
	Used to power on& off the scale.
	Used to clear all the numeric price display. Used to clear sum total price. Used to clear all the daily total prices.
	Used to correct the zero point.
	To set or clear tare value.
	PLU save key. Display battery voltage %(push more than 2second)
	Used to enter the decimal point when price is entered.



## REMOVE THE SCREW



Remove the screw

**NOTICE:** Make sure to remove the screw before use at the first time.

## COLUMN INSTALLATION

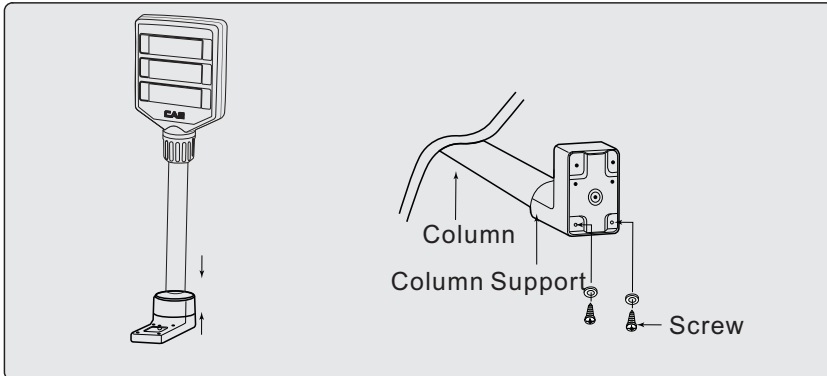


Figure one

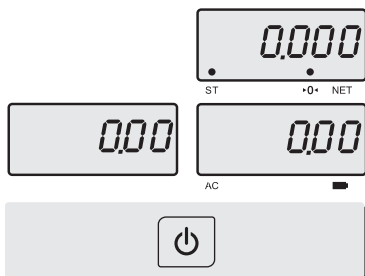
Figure two

**Column Installation**

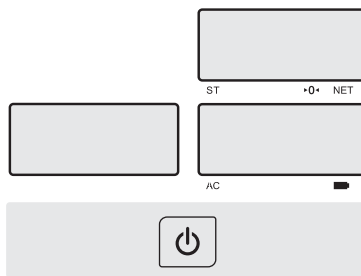
# OPERATION

## Chapter 1. Basic Operation

### a. To turn on/off the scale

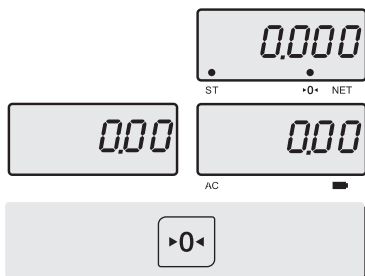


① Press the **ON/OFF** key to turn on.



② Press the **ON/OFF** key for a few seconds to turn off.

### b. Zero function

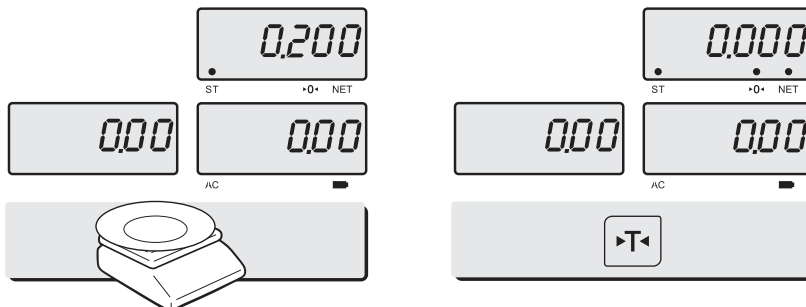


① Press **ZERO** key to set Zero

### c. Tare function

Tare means the weight of container. You may use tare function when you weigh an item with container and measure only the weight of item.

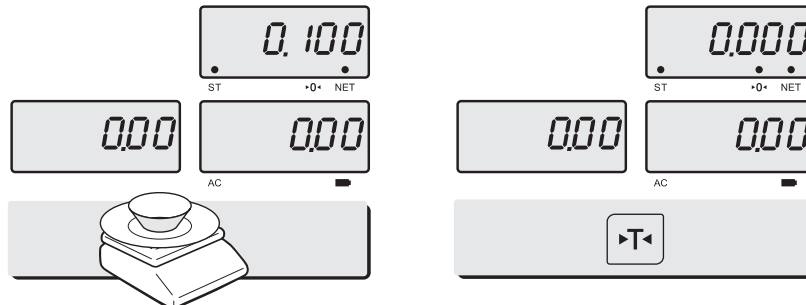
#### ■ One time tare



① Place a container on the platter.  
EX) 200g of tare.

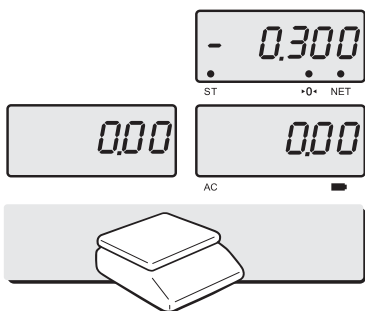
② Press **TARE** key to set zero point.  
EX) 200g of tare.

#### ■ Successive tare

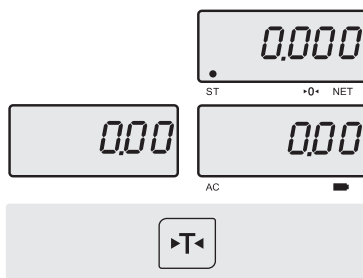


③ Place another container on the platter. EX) 100g of tare.

④ Press **TARE** key to set zero point.



⑤ After weighing item remove all of the container from the platter.

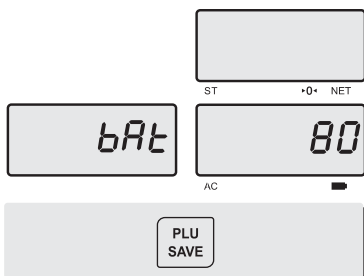


⑥ Press TARE key again to set zero.

**NOTE :**To remove TARE function press “TARE” Key again after removing the container from the platter. Automatic tare clearing function may not be applied to all of PR series.

#### d. Display battery voltage

1) Press Press “<sup>PLU</sup>SAVE” key to check battery voltage left. (push more than 2second)



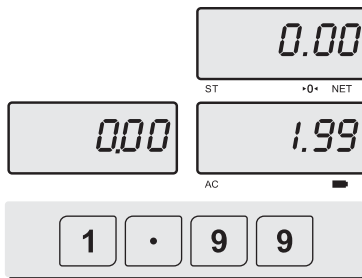
- It shows percentage of full voltage.
- Please recharge under the 10%.

## Chapter 2. PLU Saving & Calling-up

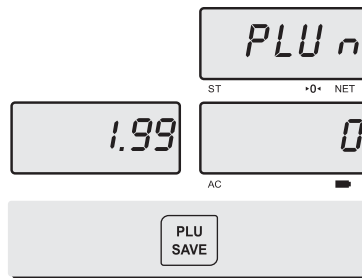
### a. Saving unit price on PLU

This section explains how to save unit price in PLU.

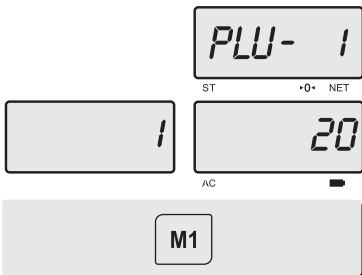
	Number of PLU	Range	Remarks
PLU NAME	4	1~4	



- ① Press number key to input unit price you wish to have. EX)1.99



- ② Press "  $\overset{\text{PLU}}{\text{SAVE}}$  " key for a few seconds to enter the PLU 's state can be pre-establish

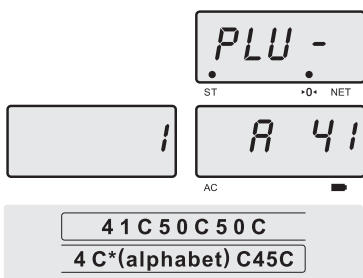


- ③ Press PLU key (**M1 ~M4**) to input a direct PLU address.

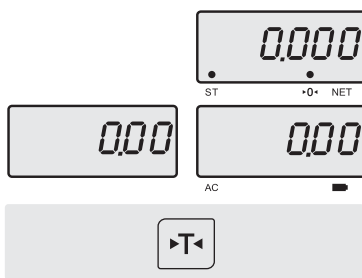
Ex) M1

## b. Saving PLU name (Option)

- **C** key is to input, save a character, and move to next character (or byte).
- **TARE** key is to move next programming menu.

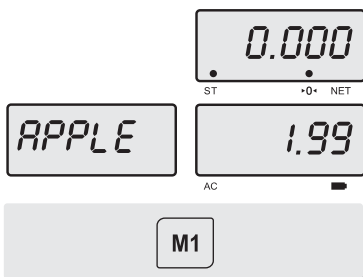


- ① Input appropriate ASCII codes to save the PLU name.  
Ex) "APPLE" is "4, 1, C, 5, 0, C, 5, 0, C, 4, C(alphabet), C, 4, 5, C".

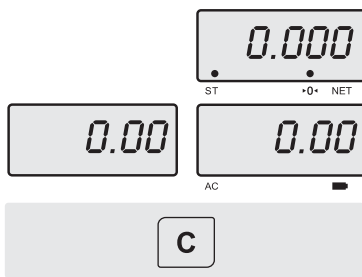


- ② Press **TARE** key to exit to normal weighing mode or **C** key up to maximum 8th byte. Then automatically exit to normal weighing mode.

## c. Calling up PLU



- ① Press **M1 ~ M4** key to call up PLU. e.g. Press **M1** key.

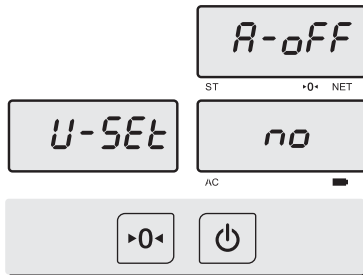


- ② Press **C** key to clear and return to the normal weighing mode.

## Chapter 3. User's Set-up Mode

This section explains how to set up the following functions.

Functions	Options	Remarks
a. Auto power-off	NO / 10 / 30 / 60	
b. Suspend Mode	OFF / 20 / 40 / 60	



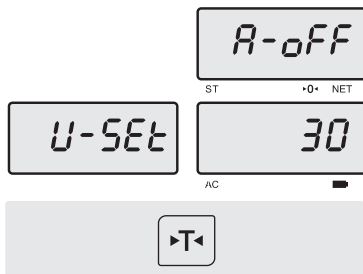
① To get into "User's Set-up Mode", hold **ZERO** key and press **ON/OFF** key, while the scale is

- Press **ZERO** key to save current option and move to next function setting mode.
- Press **TARE** key to move to other next option.

### a. Auto power-off

This section explains how to set backlight on & off function and automatic off function.

Options	Description	Remarks
NO	• No auto power-off.	
10 (minutes)	• Auto power-off in 10 minutes when no use.	
30 (minutes)	• Auto power-off in 30 minutes when no use.	
60 (minutes)	• Auto power-off in 60 minutes when no use.	

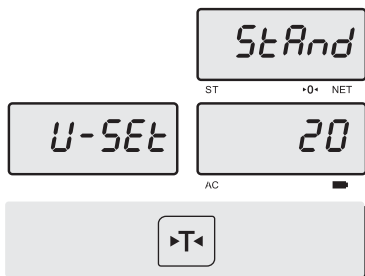


① Select an option you wish to have by using **TARE** key. Ex) 30 (minutes).

## b. Suspend mode function

This section explains how to set a time to suspend mode.

Options	Description	Remarks
OFF	<ul style="list-style-type: none"><li>No suspend mode.</li></ul>	
20 (seconds)	<ul style="list-style-type: none"><li>Suspend mode in 20 seconds when no use.</li></ul>	
40 (seconds)	<ul style="list-style-type: none"><li>Suspend mode in 40 seconds when no use.</li></ul>	
60 (seconds)	<ul style="list-style-type: none"><li>Suspend mode in 60 seconds when no use.</li></ul>	



- ① Press **ZERO** key to move next function setting, suspend mode.
- ② Press **TARE** key to select a time to suspend mode.

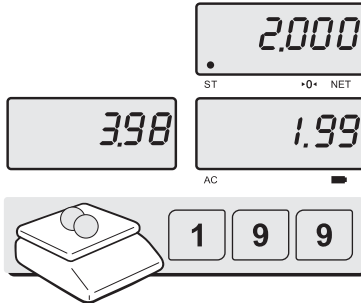


## Chapter 4. Sales transaction

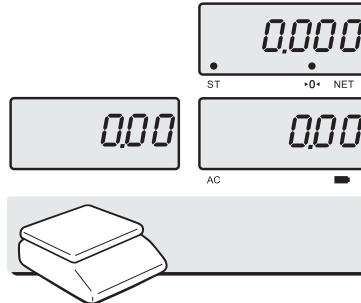
PR can provide inputting the unit price through the numeric key and calling up PLU.

### a. Input the unit price through the numeric key

This section explains how to input the unit price through the numeric key and complete the sales transaction.

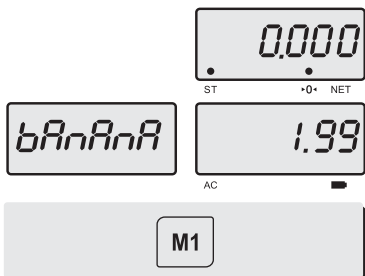


① Place an item on the platter and press appropriate numeric keys to input unit price. EX) 1.99 for unit price.

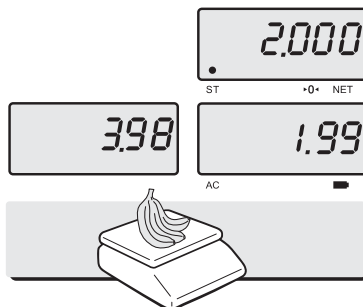


② Remove the item from the platter.

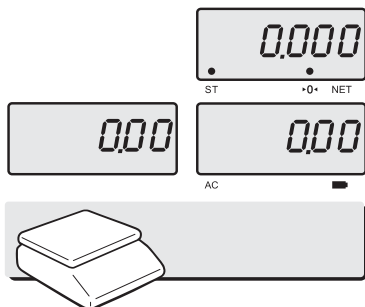
## b. Input the unit price through calling up PLU



① Press **M1~M4** key can call up the PLU. EX) **M1**



② Place an item on the platter.



③ Remove an item on the platter.

## TECHNICAL PARAMETER

MODEL	PR <sup>PLUS</sup>		
CAPACITY(Dual)	Max 3/6kg e=d=1/2g	Max 6/15kg e=d=2/5g	Max 15/30kg e=d=5/10g
DISPLAYS:	6/5/5(Total price / Weight / Unit price)		
DISPLAY DESIGNATORS	ZERO, TARE, STABLE, AC POWER, BATTERY		
MAXIMUM TARE	- 2.999kg	- 5.998kg	- 9.995kg
TEMPERATURE	-10°C ~ +40°C		
POWER SOURCE	AC 220 - 240V,50 - 60Hz, PB 4V 4Ah		
POWER CONSUMPTION	APPROX. 4W		
PLATTER SIZE(mm)	322W)x212(D)		

## ERROR MESSAGES

■ Table : Error Message

Error Message on Display	Description	Solution
"Err 0"	The "Err 0" occurs when scale is not stable.	Remove unstable facts.
"Err 1"	The "Err 1" occurs when a current zero point has shifted from the last span calibration.	Please call your CAS dealer.
"Err 3"	The "Err 3" is an overload error.	Please remove the weight.
"Err 4"	The "Err 4" is leakage of payment.	Scale needs more payment.
"Err 5"	The "Err 5" means there is already tare.	Remove the tare.

# MEMO

# MEMO



**PR<sup>PLUS</sup> SERIES**  
Price Computing Scale



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