WE WEIGH THE WORLD

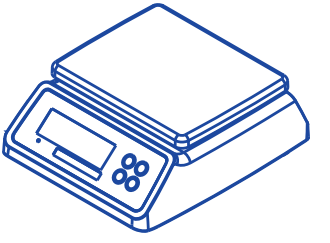
RETAIL WEIGHING SOLUTION™

Simple weighing scale

OWNER'S MANUAL

SWII-W

LED Ver.



CAS

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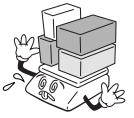
Warning

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.

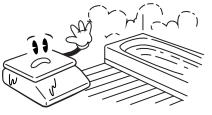
Scale must be grounded to minimize electricity static.

This will minimize defect or electric shock.

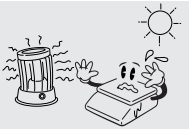
Do not pull the plug by its cord when unplugging.

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.

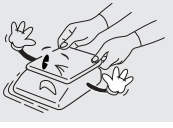
Incorrect adapter could damage the scale.

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 enerating devices.

This may interfere with accurate reading.

Place the scale on firm and temperature consistent environment.

By adjusting 4 comers 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 SWⅡ PLUS series.

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.

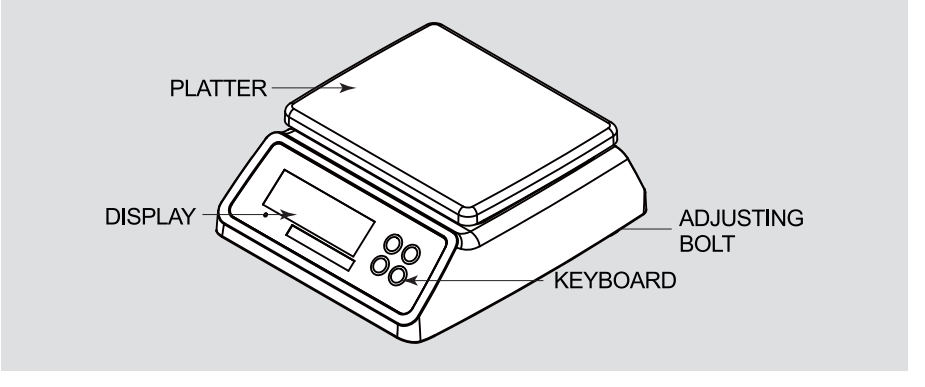
We believe that your needs will be satisfied and you will have proper reliability.

This manual will help you with proper operation and care of the SWⅡ-W.

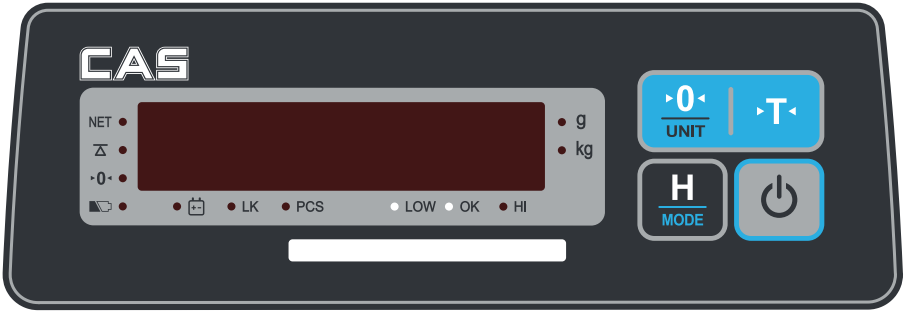
Please keep it handy for future reference.

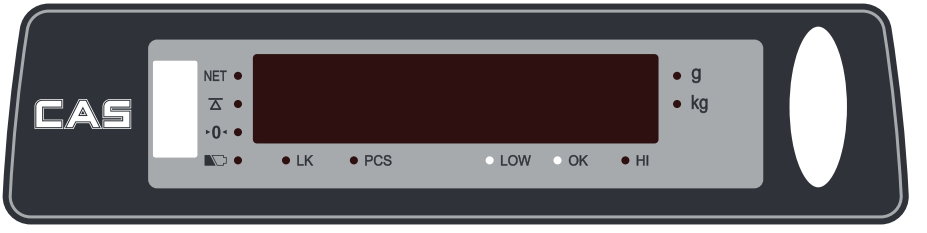
NAMES AND FUNCTIONS

OVERALL VIEW



DISPLAY & KEYBOARD





KEY FUNCTIONS

KEYS	FUNCTIONS
0 UNIT	Used to set the zero point. Used to convert the unit of weight. (If you press the button long time, Unit is converted)
T	Used to input or cancel the weight of tare.
H MODE	Used to make the weight of commodity stable. This weight is average value. Used to change the unit of weight, and shown as following sequence on the display. [Kg] → [WL on or off] → [PCS] → [Kg] (If you press the button long time, Mode is changed)
⏻	Used to turn on and off the scale.

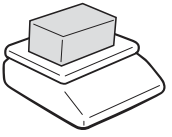
- Turn on the scale by pressing key. Then, the display will show all the segments and count up "0" to "9". You may stop this automatic counting by pressing the key.

- When you turn on the display, make sure that platter is empty. Otherwise, display will show "Err 1", an error of initial zero range. Please refer to "ERROR MESSAGE" section for more information on page15.

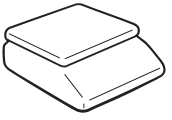
- When the weight becomes stable the display shows the stable sign (⏢) on.

- You may need to make it "0.000" by pressing key unless the display indicate "0.000" under the empty platter.

1. Simple Weighing Mode



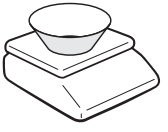
⏢ 0.650 kg ① Place a commodity on the platter.



⏢ →0← 0.000 kg ② Remove the commodity from the platter.

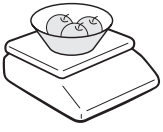
2. Weighing with Tare

- TARE means the weight of container being used for a commodity.
- TARE key function is to subtract the weight of the container from full weight loaded

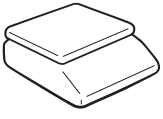


⏢ 0.195 kg ① Place a container on the platter.

② Press the key.



③ Place a commodity into the container, then the display will show only the weight of the commodity.



④ Remove container and commodity, then the display will show the weight of the container with "-" symbol.

⑤ Press the key, then display will show the "0.000".

3. Changing Unit of Weight

- Press the key a few seconds.
  You may select kg, or g as the unit of weight.

4. Hold Function

①When the weight is unstable, press the key

② Then "HOLD" will be displayed twice

③ Then average value will be show twice And the "HOLD" function will be removed automatically

5. Comparator Function - HI / LOW Limit Setting

① Press the H MODE key until the display shows "WL OFF" (Press the H MODE key for a few second). "WL OFF" means that comparator function is not activated..

② Press T key to activate this function. The display shows "WL ON".

③ Press 0 UNIT key once to set up the low limit. The display shows "0.000" and the first number flashes..

④ Press the H MODE key to have number increase. To move flash to next digit, press the T key.

⑤ Press 0 UNIT key to set up HIGH limit. The display shows "2.000" and you can change these numbers by pressing H MODE key.
If you want to move to next digit you can go by pressing T key.

⑥ If you set up HIGH limit you can go out by pressing 0 UNIT key, and "End" message on the display.

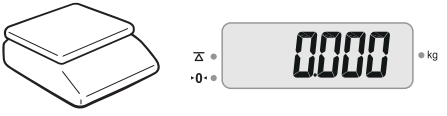
⑦ If you set up HIGH limit and LOW limit incorrectly, "Err" will be shown on the display. Then you may need to set it up again. For example, setting LOW LIMIT=2.990 kg and HIGH LIMIT=1.990 kg this is incorrect setting because HIGH limit is lower than the LOW limit. When HIGH and LOW limit are set as the same or above maximum capacity it still shows "Err" message.

⑧If you want to go back to the simple weighing mode just press H MODE key twice. (Press the H MODE key for a few second).

⑨Suppose that the HIGH limit and LOW limit are set up as 2.990kg and 1,990kg respectively.
If the weight loaded is 2kg between HIGH and LOW limit the display shows "OK" and the scale continues to beep slowly.
If the weight loaded is above 2.990kg, HIGH limit, the scale continues to beep rapidly.

6. Counting Function

● Counting without Tare

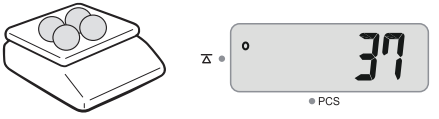


① Initial display as above.

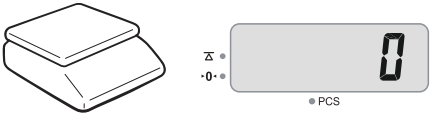
② Press H MODE key twice to go to sample unit selection mode. (Press the H MODE key for a few second)

③Press 0 UNIT key to select the number of sample unit. You can select 10, 20, 50, 100, 200, or 500 as a sample unit.

④ If you select "P_10" as a sample unit, then please put 10 sample units on the scale.
Then press T key to set sample units.



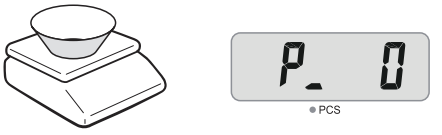
⑤ Put all of commodities you wish to count, and then check the number of pieces on display.



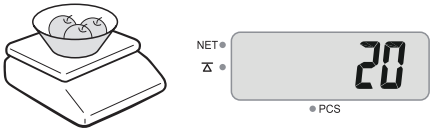
⑥ Remove all of commodities from the scale.

● Counting with Tare

① Press H MODE key twice to go to sample unit selection mode. "PCS" is shown on the display, then press key to select the number of sample unit.

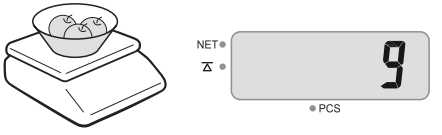


② Put the container on the scale and press ·T· key to set weight of tare.You can select 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400 or 500 as a sample unit, by pressing ·0· UNIT key.

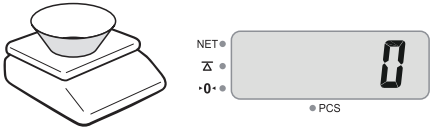


③ If the number of selected sample unit is 20, please put 20 sample units on the scale.

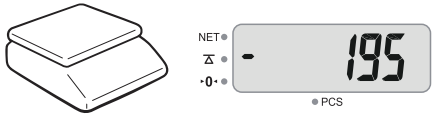
Then press ·T· key to set unit weight.



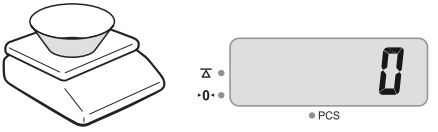
④ Put all of commodities you wish to count, and then count the number on display.



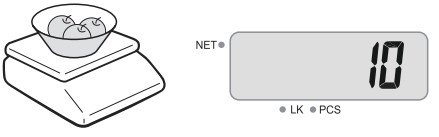
⑤ Remove all of commodities from the scale.



⑥ Remove the tare from the platter.



⑦ Press "Tare" key to exit from tare function.



⑧ When you try to set the number of sample unit at the ③ stage, the display may show "LACK" message shortly.
The result of counting may be incorrect in the following cases.
a. unit weight ≤1/2 e *
b. weight loaded ≤2% of maximum weighing capacity.

7. Setup Mode

Make sure that power is OFF. While pressing the

key, press the key. The display shows "U SEt". You can select each menu by pressing the

key and change the setting by pressing the

key. If you press

key, you can save current setting and go next mode.

● Set up Mode Table

MENU	DISPLAY	DESCRIPTIONS
Auto Power Off		Do not use Auto Power Off function.
		Power turns to be off automatically when the scale is not in operation over for 10 minutes.
		Power turns to be off automatically when the scale is not in operation over for 30 minutes.
		Power turns to be off automatically when the scale is not in operation over for 60 minutes.
Sleep Mode		Sleep mode is deactivated.
		Sleep mode is activated after 20 seconds.
		Sleep mode is activated after 40 seconds.
		Sleep mode is activated after 1 minute.

* "e" value may be various on capacity of product model.
Please refer to "SPECIFICATION" on page 16. For example, a product model which capacity is 3.000kg has 1g as "e" value

BATTERY MAINTENANCE

LOW BATTERY WARNING

When the battery is low the display shows the "" light on.
You should recharge battery using Adaptor.
When it is in use of "" light on, the scale may provide incorrect result on measurement.

1. Battery recharging time : Approx. 20 hours
2. The charge lamp will not be turned off even if the battery is full.

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 9	The "Err 9" is no weight error. When scale is in counting mode, you must load the weight. If you have no weight on your scale, you can see this error message.	Please load the weight on your platter.

SPECIFICATIONS

MODEL : SWII-W

Capacity	Dual Interval	Single	Dual Interval	Single	Dual Interval	Single	Dual Interval	Single
	Max 1.5/3 kg	Max 3 kg	Max 3/6 kg	Max 6 kg	Max 6/15 kg	Max 15 kg	Max 15/30 kg	Max 30 kg
e	e=0.5/1 g	e=1 g	e=1/2 g	e=2 g	e=2/5 g	e=5 g	e=5/10 g	e=10 g
External Resolution	1/3000							
MAX Tare	-1.4995 kg	-3 kg	-2.999 kg	-6 kg	-5.998 kg	-15 kg	-14.995 kg	-30 kg
Display	51 x 19(mm, 3 Digit LED) x 2 EA 6 digit LED							
Symbols	STABLE, ZERO, TARE, g, kg, lb, oz, Low Battery HI / OK / LO & PCS							
Keys	ZERO / UNIT, TARE, HOLD / MODE, POWER							
Functions	Weighing, Hold, Unit Conversion, Counting-Counting Sample Range : 10~100, 200, 300, 400, 500 Weight Comparison Function : hi, ok, low Auto Power Off Function Sleep Mode Function							
Dimensions	256 (W) x 299 (D) x 117 (H)[mm] / 10.1(W) x 11.7 (D) x 4.6 (H)[inch]							
Platter size	237.1 (W) x 192.1 (D)[mm] / 9.33 (W) x 7.56 (D)[inch]							
Weight	2.5 kg							
Power	Pb 6 V 3.2 AH, 9 V / 1 A Adapter							
Operation Time	Approx. 80 hours							
Operating Temperature	-10 °C ~ +40 °C / 14 °F ~ 104 °F							
Minimum Voltage Level of The Battery	About 5.6 V							
Option	9 V / 1 A Waterproof Adaptor, Rear Display, Large Tray							

※ Notice: Specifications are subject to change for improvement without notice.

MEMO

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RETAIL WEIGHING SOLUTION™

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