EB SERIES

Retail Bench Scale

www.globalcas.com

OWNER'S MANUAL

CAS

CONTENTS
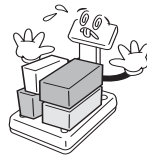
PRECAUTIONS

⚠ 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.

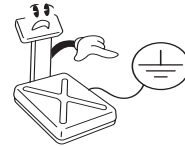When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.

Do not overload beyond the maximum weight limit.

Scale must be grounded to minimize electricity static.

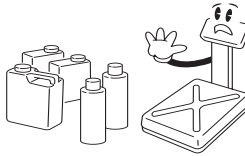This will minimize defect or electric shock.

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.
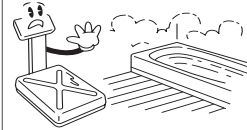
Avoid placing the scale near heater or in direct sunlight.
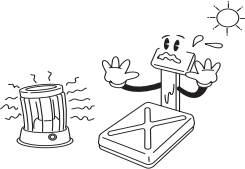
Insert plug firmly to wall outlet to prevent electric shock.

Use proper Adapter.

Incorrect adapter could damage the scale.

Do not step up on the scale with wet feet. Platter becomes slippery. Humid condition may cause incorrect reading.

4
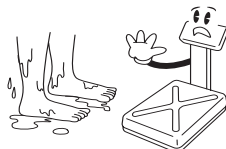
⚠️ Attention

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.

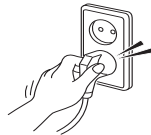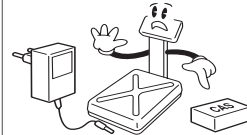**For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.**
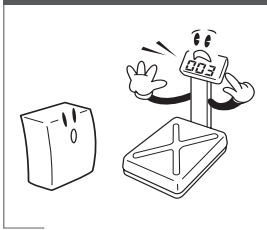
Avoid sudden shock to the scale.
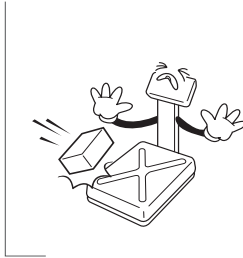
Grab on the bottom of the scale when moving.
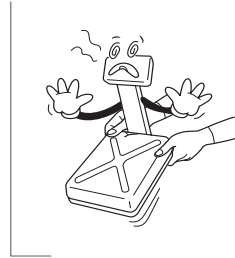
Keep the scale away from other electromagnetic enerating devices.

This may interfere with accurate reading.
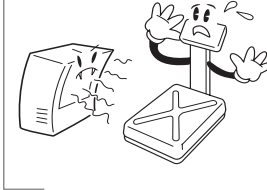
Place the scale on firm and temperature consistent environment.
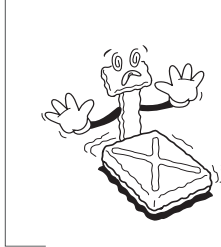
By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.

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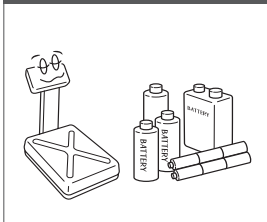
PREFACE

Thank you for the purchasing CAS EB series.
This series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your specialty departments can enjoy with CAS product. We hope that CAS product meets your needs.
The user manual is designed to guide you to understand product operation and proper care of product.

OVERALL VIEW

DISPLAY & KEYBOARD

■ LCD TYPE : Front Display

Table : Symbols on Display

SYMBOLS	DESCRIPTION
ZERO	To adjust zero
STABLE	Stable status
NET	Tare on
CHARGE	Charge status
SAVE	Save on
🔋	Display battery status
☼	Back light on status

■ KEYBOARD

KEYS	FUNCTIONS
0 ~ 9 , 00	To input all of numerical data
☐ ~ ☐	Direct PLU keys (24EA)
MEMORY	To save PLU
PLU	To call up PLU
C	To clear data
ZERO	To set zero
TARE	To set or clear tare value
ON OFF	To turn on & off the scale
BACK LIGHT	To turn on & off the backlight.
SAVE	Used to prevent the auto clearing of unit price and tare weight both
ADD	To make several sales transaction by adding up
-	To make discount transaction
X	To multiply the same item when making sales transaction
TOTAL	To check total sales amount or finalize sales transaction
kg/lb	Used to convert a kilogram and pound

OPERATIONS

I. Programming Mode

Chapter 1. Basic Operation

    a.   Turning the scale on / off
    b.   Turning backlight on / off
    c.   Zero function
    d.   Display battery voltage
    e.   Tare function
- One time tare
- Successive tare

Chapter 2. PLU Saving & Calling-up

    a.   Saving unit price on PLU
    b.   Saving PLU name (option)
    c.   Calling up PLU
- Indirect PLU
- Direct PLU

Chapter 3. User's Set-up Mode

    a.   Auto power-off
    b.   LCD backlight on / off
    c.   LCD backlight brightness control
    d.   Low Battery Backlight ON/OFF Function
    e.   Selecting the printer
    f.   PLU tare usage

Chapter 4. Formatting Printing Receipt

    a.   Setting the Printer
    b.   Receipt header setting
    c.   Receipt currency (unit) setting
    d.   Receipt date setting

Chapter 1. Basic Operation

a. Turning the scale on / off

1) Press "ON/OFF" key to turn on.

```
         ON
         OFF
```

```
  ▾ ▾    0.00        0.00              0.00
STABLE ZERO NET
```
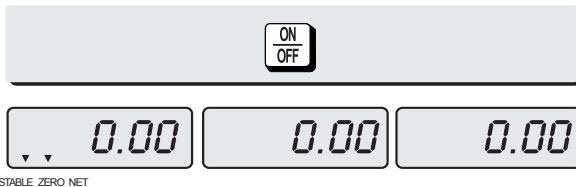
2) Press "ON/OFF" key to turn OFF

```
         ON
         OFF
```

```
STABLE ZERO NET
```
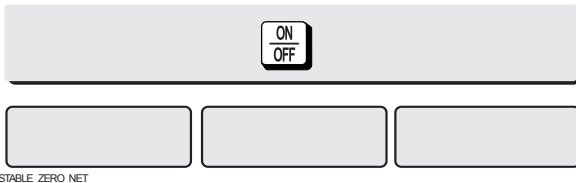
b. Turning the backlight on / off

1) Press "BACK LIGHT" key for Back light on.

```
        BACK
        LIGHT
```

```
  ▾ ▾    0.00        0.00              0.00
STABLE ZERO NET
```

2) Press "BACK LIGHT: key for Back light off

```
        BACK
        LIGHT
```

```
  ▾ ▾    0.00        0.00              0.00
STABLE ZERO NET
```
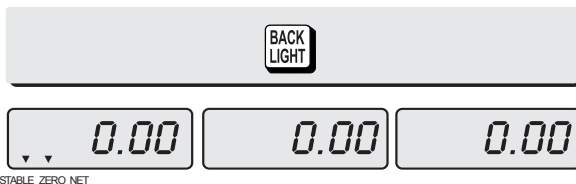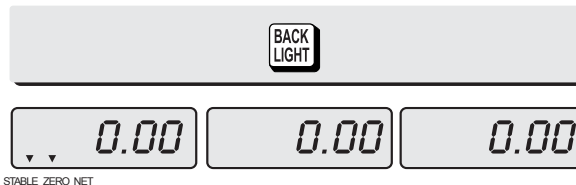
c. Zero function

1) Press "ZERO" key to set zero point unless the weight window indicate "0.00"under the empty platter.

```
                          ┌──────┐
                          │ ZERO │
                          └──────┘
```

```
  ▾ ▾  0.00       0.00          0.00
STABLE ZERO NET
```
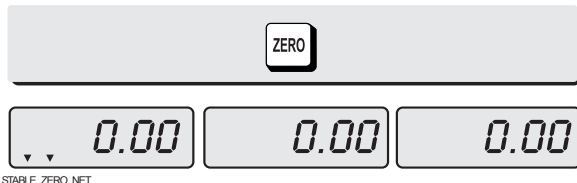
d. Tare function

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) 2.00kg of tare.

```
  ▾ ▾  2.00       0.00          0.00
STABLE ZERO NET
```

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2) Press "TARE" key to enter a tare weight
   Ex) 2.00Kg of tared

TARE

▾ ▾ 0.00	0.00	0.00

STABLE ZERO NET

■ **Successive tare**

1) Place another container on the platter.
   Ex) 1.00 kg of tare

▾ ▾ 1.00	0.00	0.00

STABLE ZERO NET

2) Press "TARE" key to enter a tare weight

TARE

▾ ▾ 0.00	0.00	0.00

STABLE ZERO NET

3) After weighing item remove all of the container from the platter.

▾ ▾ ▾ -3.00	0.00	0.00

STABLE ZERO NET

4) Press "TARE" key again to cancel a tare weight.

TARE

▾ ▾ 0.00	0.00	0.00

STABLE ZERO NET

Chapter 2. PLU Saving & PLU Calling-up

a. Saving unit price on PLU

	Number of PLU	Range	Remarks
PLU	200	1~200	
PLU name (option)	28	1~28	

- Number of direct PLU may be different on product model.
- "**C**" key is to clear data input.

1) Press numeric key to input unit price you wish to have. Ex) 1.99

| 1 | 9 | 9 |

| ▾▾ 0.00 | 1.99 | 0.00 |
STABLE ZERO NET

2) Press $MEMORY$ key.

MEMORY

| ▾ PLUnU | 0 | 1.99 |
STABLE ZERO NET
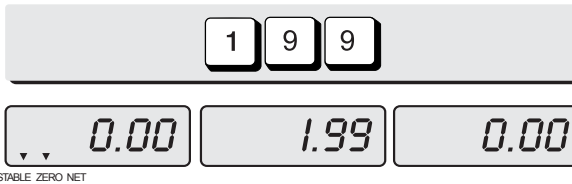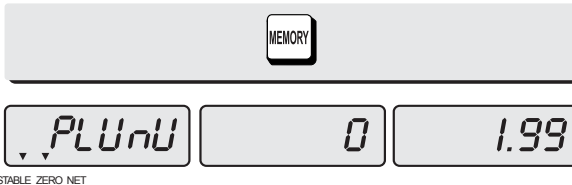
3) Press numeric key to input a PLU address.
Ex)   PLU 10.

| 1 | 0 |

| ▾▾ PLUnU | 10 | 1.99 |
STABLE ZERO NET

4) Press MEMORY key.

```
                        MEMORY
```

```
  ▼ ▼    0.00        0.00        0.00
STABLE ZERO NET
```
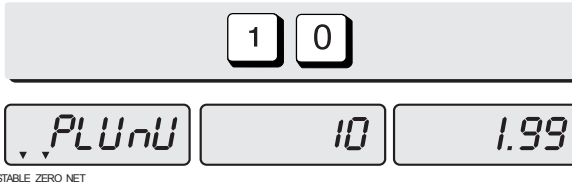
b. Saving PLU name (option)

■ If you have "24 PLU name inputting option" you may save the name of PLU for 1~28.
■ "**C**" key is to input, save a character, and move to next character (or byte).
■ "**TARE**" key is to save and exit.

1) Input appropriate ASCII codes to save the PLU name.
   ※ Please refer to the ASCII table on page 48.
   Ex) "APPLE" is "4, 1, C, 5, 0, C, 5, 0, C,….
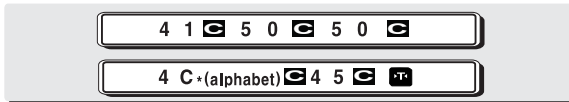
```
   4  1 ☒  5  0 ☒  5  0  ☒
   4  C ＊(alphabet)☒ 4  5 ☒  🔳
```

Press "4", "1"

```
 ,P̟LU- 10        A  41              1
STABLE ZERO NET
```

Press "C"

Press "5", "0"

```
 ,P̟LU- 10        P  50              2
STABLE ZERO NET
```

Press "C"

Press "5", "0"

```
 ,P̟LU- 10        P  50              3
STABLE ZERO NET
```

Press "C"

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Press "4", "C"

$$\overline{{}_{\blacktriangledown\blacktriangledown}PLU\text{-}10}$$ $$L\ 4C$$ $$4$$

STABLE ZERO NET

Press "C"

Press "4", "5"

$$\overline{{}_{\blacktriangledown\blacktriangledown}PLU\text{-}10}$$ $$E\ 45$$ $$5$$
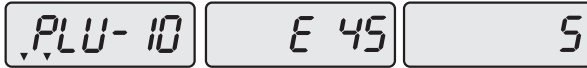
STABLE ZERO NET

Press "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.

| TARE |

$$\overline{{}_{\blacktriangledown\ \blacktriangledown}0.00}$$ $$0.00$$ $$0.00$$

STABLE ZERO NET

■ **Please refer to "Alphabetic key location".**

				A	D	7	8	9	MEMORY	PLU	×
				B	E	4	5	6	—	ADD	TOTAL
				C	F	1	2	3	BACK LIGHT	SAVE	kg/lb
						0	00	C	ZERO	TARE	ON/OFF
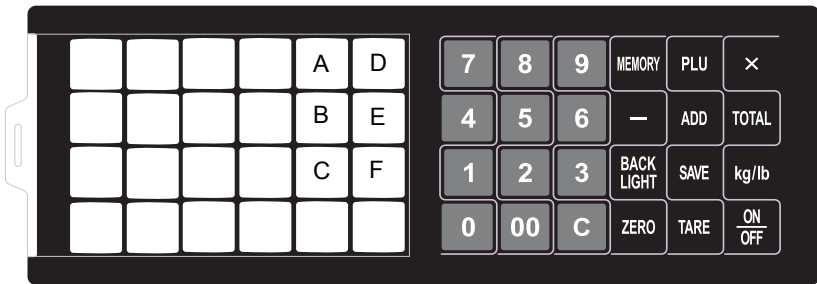
c. Calling up a PLU

■ Indirect PLU

1) To call up indirect PLU Saved press appropriate numeric keys (address) and \$PLU\$ key
   Ex) PLU 10

| 1 | 0 | PLU |

| 0.00 | 1.99 | APPLE |

STABLE ZERO NET
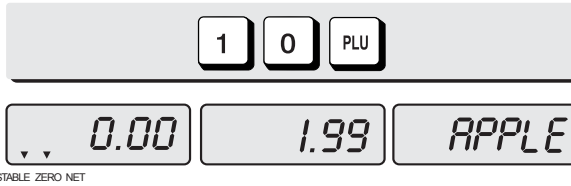
2) To cancel calling up indirect PLU press "C" key

| C |

| 0.00 | 0.00 | 0.00 |

STABLE ZERO NET
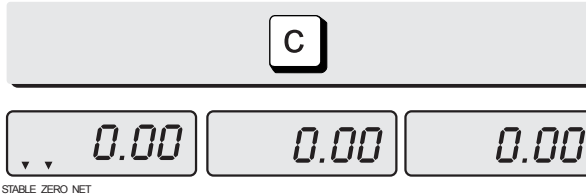
■ Direct PLU

1) To call up direct PLU Saved press appropriate numeric keys (address) and "PLU" key.
Ex) PLU 10

| PLU 10 |

| 0.00 | 1.99 | APPLE |

STABLE ZERO NET
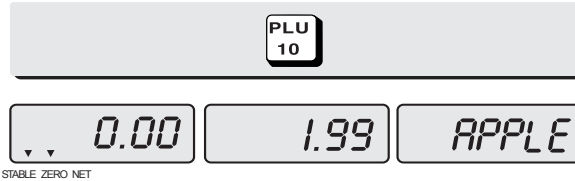
2) To cancel calling up direct PLU press "C" key

| C |

| 0.00 | 0.00 | 0.00 |

STABLE ZERO NET

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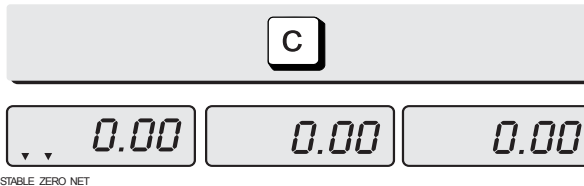
Chapter 3. User's Set-up Mode

This section explains how to set up the following functions.

Functions	Options	Remarks
1. Auto power-off	**NO** / 10 / 30 / 60	
2. LCD Backlight On/OFF	**OFF** / ON / 3 / 5 / 10	
3. Backlight Bright control	1 ~ 7(**defualt 3**)	
4. Low Battery Backlight On/Off	**BL-on** / BL-off	
5. Printer selection	NON/**DEP-50**/DLP-50	
6. PLU tare	**NO** / YES	**İt is applied only during using PLU tare with unit change function.**

1) To get into "User's Set-up Mode" press "ON/OFF" key pressing and holding "ZERO" key.

$$\boxed{\text{ZERO}} \mathbf{+} \boxed{\frac{\text{ON}}{\text{OFF}}}$$

$$\boxed{A\text{-}oFF} \qquad \boxed{no} \qquad \boxed{U\text{-}SEt}$$
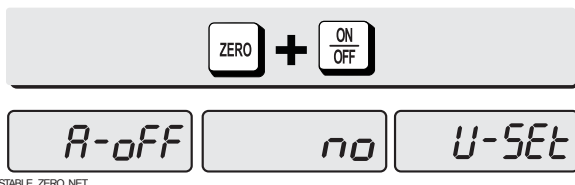
STABLE ZERO NET

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

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a. Auto power-off
This section explains how to set backlight on & off function and automatic off function.

Table :

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 (minuets)


```
TARE
```

```
 A-oFF        30      U-SEt
```
STABLE ZERO NET

2) Press "ZERO" key to move next function setting, EL Backlight ON/OFF.

```
ZERO
```

```
     bL       oFF      U-SEt
```
STABLE ZERO NET

b. LCD backlight ON/OFF

Table :

Options	Description	Remarks
OFF	Backlight OFF	
ON	Backlight ON	
3 (Seconds)	Automatic backlight-off when not in use for 3 seconds.	
5 (Seconds)	Automatic backlight-off when not in use for 5 seconds.	
10 (Seconds)	Automatic backlight-off when not in use for 10 seconds.	

1) Use "TARE" key to select one of backlight auto power-off option or EL Backlight ON/OFF.
   Ex) Select 5 seconds backlight auto power-off option.
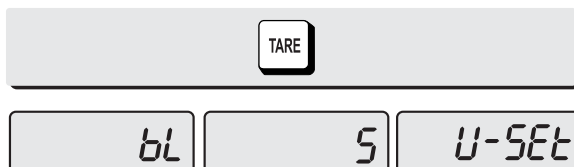

```
          bL          5        U-SEt
```
STABLE ZERO NET

2) Press "ZERO" key to move next function setting, EL Backlight ON/OFF.


```
         br iG         3        U-SEt
```
STABLE ZERO NET

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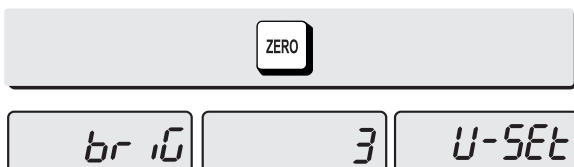
C. LCD backlight brightness control

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

Table :

Options	Description	Remarks
1 ~ 7	1(dimmest) ~ 7(brightest).	

1) Use "TARE" key to select one of backlight brightness level.
   Ex) Select 3rd level of backlight brightness.

	TARE	

br iG	3	U-SEt

STABLE ZERO NET

2) Press "ZERO" key to move next function setting.

	ZERO	

LoY-bt	bL-on	U-SEt

STABLE ZERO NET
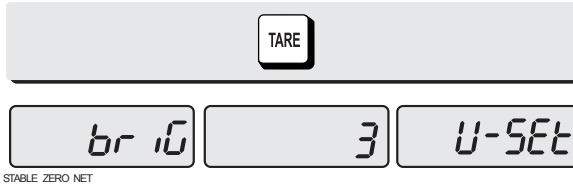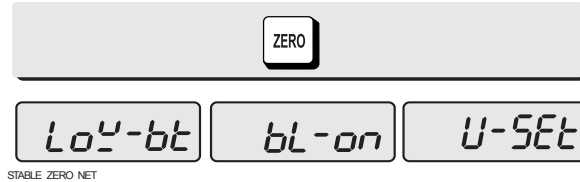
d. Low Battery Backlight ON/OFF function

This section explains how to set backlight on & off when low battery status.
Table :

Options	Description	Remarks
BL-on	Back-light on when low battery status.	
BL-off	Automatic backlight-off when low battery status.	

1) Use "TARE" key to select backlight auto power-off when low battery status.

	TARE	

LoY-bt	bL-on	U-SEt
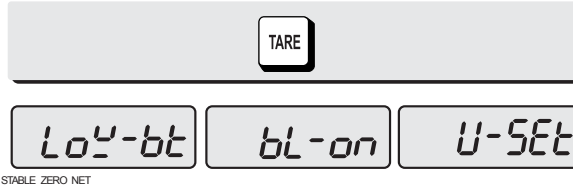
STABLE ZERO NET

※ 🔋 : **Low battery condition**

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2) Press "ZERO" key to move next function setting.

```
        ZERO
```
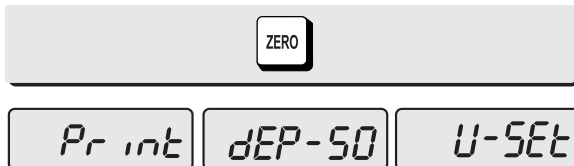
```
   Print     dEP-50      U-SEt
```
STABLE ZERO NET

e. Selecting the printer

This section explains how to select the printer option when you'd like to use the printer connected to EB series.

Table :

Options	Description	Remarks
NON	No printer in use	
DEP-50	DEP-50 printer interface	
DLP-50	DLP-50 printer interface	

1) Select the printer you're using with ER by pressing "TARE" key. EX) DEP-50

```
        TARE
```

```
   Print     dEP-50      U-SEt
```
STABLE ZERO NET

■ If you press "ZERO" key you can automatically go to normal weighing mode.

f. Use PLU tare YES / NO function
This section explains how to set PLU tare yes & no when you input PLU data.
(This section is applied only during using PLU tare with unit change function.)

Table :

Options	Description	Remarks
YES	Use PLU tare when you input PLU data.	
NO	Don't use PLU tare when you input PLU data.	

1) Use "TARE" key to select PLU tare when you input PLU data.

```
                          TARE
```

```
      PLU t          no          U-SEt
```
STABLE ZERO NET
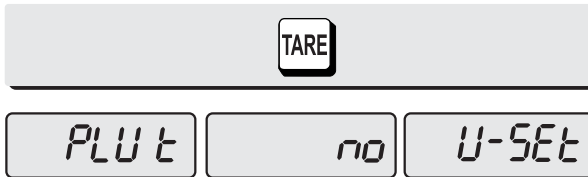
■ If you press "ZERO" key you can automatically go to normal weighing mode.

Chapter 4. Formatting printing receipt

This chapter explains how to set the receipt format in the following fields.

Options	Description	Remarks
HEADER	To input characters you wish to have on the receipt header.	Maximum **1,2 li ne / 24 characters, 3 lin e / 16 characters** for each line
UNIT (Currency)	To input currency symbol or characters you wish to have on the receipt.	Maximum **8 characters**
DATE	To input date on the receipt.	

a. Setting the printer

Please connect your printer to RS 232 port, which is located at the gray part on the picture, using RS 232 Cable.

Scale

PC

```
      1                        1
  6                                6
  GND 2   Tx        Rx       2
  7                                7
      3   Rx        Tx       3
  8                                8
      4                        4
  9                                9
      5            GND       5
```

D-Sub
Connector(9 pin)

D-Sub
Connector(9 pin)
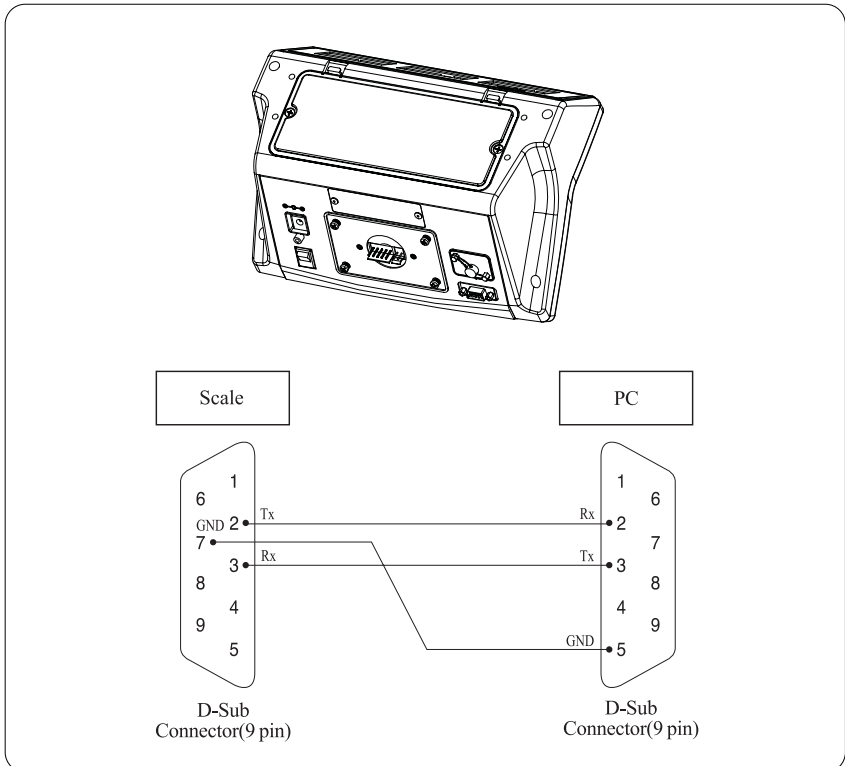
b. Receipt header setting

Options	Description	Remarks
HEADER	To input characters you wish to have on the receipt header.	Maximum **1,2 line / 24 characters, 3 line / 16 chara cters** for each line

■ User may input the name of store, telephone number, or other expressions he/she wishes to have on the receipt.

1) Pressing and holding "**C**" key, press "**ON/OFF**" key under the scale power off. "**O1**" on the "**Unit Price**" display represents that you are ready to input **the first character**.


```
  C  +  ON
         OFF
```

```
   XX        1     HEAd1
STABLE ZERO NET
```

2) Input appropriate ASCII codes (page on 16) you wish to have. Ex) CAS.

```
  4 3 ⊆ 4 1 ⊆ 5 3 ⊆
```

```
   XX        1     HEAd1
STABLE ZERO NET
```

3) To save it and go next header line press "TARE" key.

```
  TARE
```

```
   XX        1     HEAd2
STABLE ZERO NET
```

4) Using ASCII code you can input appropriate data on Header 2.
   Ex) 820-1111, telephone #.

```
3 8 C 3 2 C 3 0 C 5 F C
3 1 C 3 1 C 3 1 C 3 1
```

| 131 | 8 | HEAd2 |

STABLE ZERO NET

5) To save it and go next header line press "TARE" key.

| TARE |

| XX | 1 | HEAd3 |
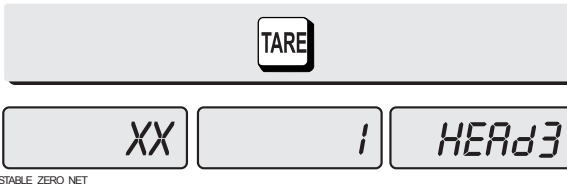
STABLE ZERO NET

6) Using ASCII code you can input appropriate data on Header 2.
   Ex) THANK YOU

```
5 4 C 4 8 C 4 1 C 4 E C
4 B C 2 0 C 5 9 C 4 F C 5 5 C
```

| XX | 9 | HEAd3 |
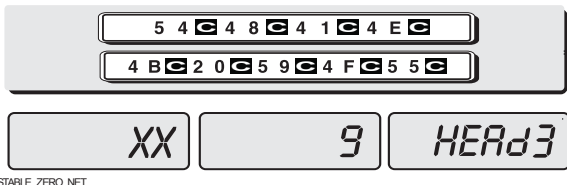
STABLE ZERO NET

c. Receipt currency (unit) setting

1) Initial CURRENCY (UNIT) display status.

| TARE |

| XX | 1 | Un it |

STABLE ZERO NET

25
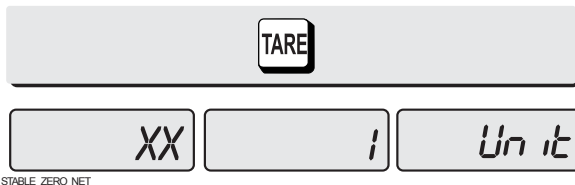
2) Using ASCII code you can input appropriate character or currency symbols on UNIT.
    Ex) $

| 2 | 4 |

| 24 | | 1 | | Un it |
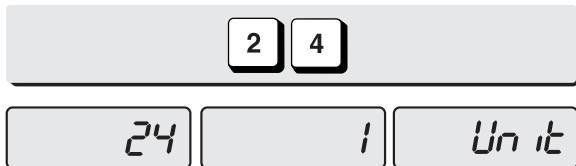
STABLE ZERO NET

d. Receipt DATE setting

1) To save it and go to "Initial DATE display" status press "TARE" key.

| TARE |

| XX | | dAY | | dAtE |

STABLE ZERO NET

2) Just input appropriate day of week you wish to have, not using ASCII code.
    Ex) 2 (Tueseday)

| 2 |

| tUE | | dAY | | dAtE |
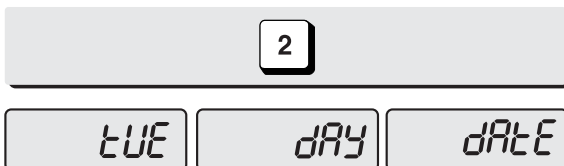
STABLE ZERO NET

3) Press "C" key to go to next "Month" setting.

| C |

| XX | | nontH | | dAtE |

STABLE ZERO NET

26

4) Just input appropriate month you wish to have, not using ASCII code.
   Ex) 12 (December)

| 1 | 2 |

| *1 2* | *montH* | *dAtE* |

STABLE ZERO NET

5) Press "C" key to go to next "day" setting.

| C |

| *XX* | *dAtE* | *dAtE* |
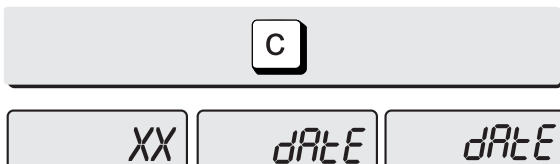
STABLE ZERO NET

6) Just input appropriate day you wish to have, not using ASCII code.
   Ex) 12th day

| 1 | 2 |

| *1 2* | *dAtE* | *dAtE* |
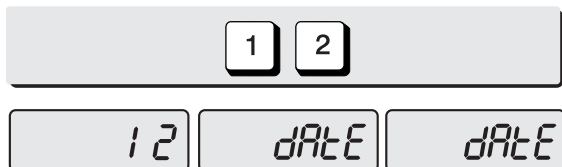
STABLE ZERO NET

7) Press "C" key to go to next "year" setting.

| C |

| *20XX* | *YEAr* | *dAtE* |
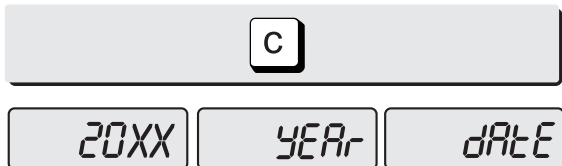
STABLE ZERO NET

8) Just input appropriate year you wish to have, not using ASCII code.
   Ex) year 2008

| 0 | 8 |

| *2008* | *YEAr* | *dAtE* |
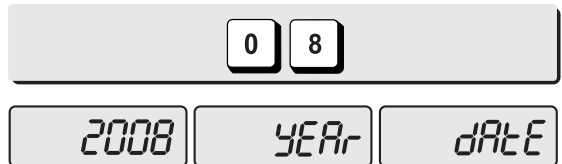
STABLE ZERO NET

● "If you press "C" or "T(TARE)" key you can automatically go to normal weighing mode.

27

II. Sales Mode

Chapter 5. Sales Transaction

    a.   Sales with free price (hand pricing)
    b.   Sales using PLU
        -    direct PLU
        -    indirect PLU
    c.   Adding up several sales transaction for weighed item
    d.   Adding up several sales transaction for non-weighed item
        (Fixed Price Added)
    e.   Multiplying the same item sales
    f.   Calling up or deleting total amount
    g.   Cancel

Chapter 6. Discount & Payment

    a.   Discount on subtotal
    b.   Payment on total sales amount

Chapter 7. Daily Total Sales(option)

    a.   Calling up daily total sales data
    b.   Deleting daily total sales data
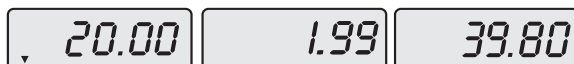
Chapter 5. Sales Transaction

EB series may make sales transaction either with free price or with PLU.

a. Sales with free price (hand pricing)

This section explains how to make sales transaction with free price (hand pricing).

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

| 20.00 | 1.99 | 39.80 |

STABLE ZERO NET

2) If you press "TOTAL" key add this transaction to daily total amount and number of sales data.
   And unit-price & total-price window is clear.

※ **if the scale is connected printer, sale transaction data will printed out.**

| 20.00 | 0.00 | 0.00 |

STABLE ZERO NET

3) Remove the item from the platter.

| 0.00 | 0.00 | 0.00 |

STABLE ZERO NET

29

b. Sales using PLU

■ Direct PLU

1) Call up a direct PLU.
   Ex) "PLU 1" (option name : banana)

```
                    ┌─────┐
                    │ PLU │
                    │  1  │
                    └─────┘
```

```
   ┌──────────────┐ ┌──────────┐ ┌──────────┐
   │        0.00  │ │    1.99  │ │  bAnAnA  │
   └──────────────┘ └──────────┘ └──────────┘
   ▼ ▼
   STABLE ZERO NET
```

2) Place an item on the platter.

```
   ┌──────────────┐ ┌──────────┐ ┌──────────┐
   │       20.00  │ │    1.99  │ │   39.80  │
   └──────────────┘ └──────────┘ └──────────┘
   ▼
   STABLE ZERO NET
```

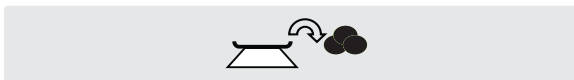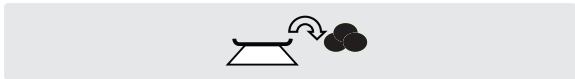3) If you press "TOTAL" key add this transaction to daily total amount and number of sales data.
   And unit-price & total-price window is clear.

※ **if the scale is connected printer, sale transaction data will printed out.**

```
                    ┌───────┐
                    │ TOTAL │
                    └───────┘
```

```
   ┌──────────────┐ ┌──────────┐ ┌──────────┐
   │       20.00  │ │    0.00  │ │    0.00  │
   └──────────────┘ └──────────┘ └──────────┘
   ▼
   STABLE ZERO NET
```

4) Remove the item from the platter.

```
   ┌──────────────┐ ┌──────────┐ ┌──────────┐
   │        0.00  │ │    0.00  │ │    0.00  │
   └──────────────┘ └──────────┘ └──────────┘
   ▼ ▼
   STABLE ZERO NET
```

30

■ Indirect PLU

1) Call up an indirect PLU.
   Ex) "PLU 6 for Kiwi".
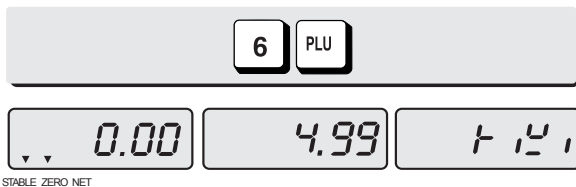
| 6 | PLU |

| ,, 0.00 | 4.99 | ┌ ¡┙ ¡ |

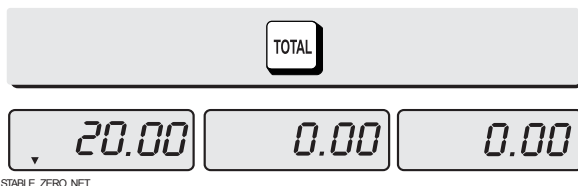STABLE ZERO NET

2) Place an item on the platter.

| , 10.00 | 4.99 | 49.90 |

STABLE ZERO NET

3) If you press "TOTAL" key add this transaction to daily total amount and number of sales data.
   And unit-price & total-price window is clear.
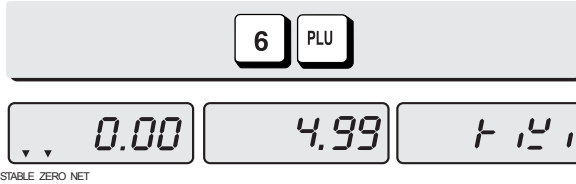   ※ **if the scale is connected printer, sale transaction data will printed out.**

| TOTAL |

| , 20.00 | 0.00 | 0.00 |

STABLE ZERO NET

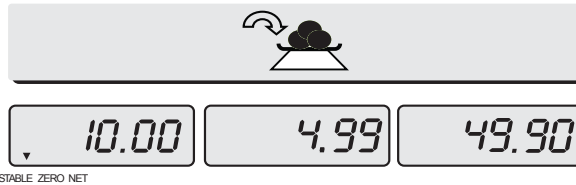Then, remove the item from the platter to go back to normal weighing mode.

c. Adding up several sales transactions for weighed item

■ Use "+" key to makes the adding-up transactions.
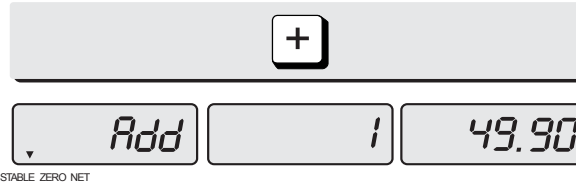■ You may either call up PLU or just input the unit price.
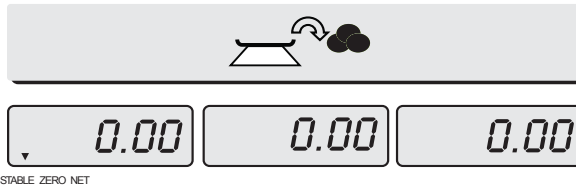
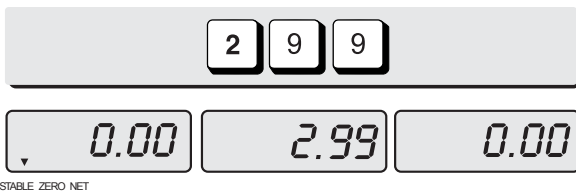1) Call up an indirect PLU.
   Ex) "PLU 6 for Kiwi".

| 6 | PLU |

| 0.00 | 4.99 | ⊢ ¡⅃ ¡ |
STABLE ZERO NET

2) Place an item on the platter.

| 10.00 | 4.99 | 49.90 |
STABLE ZERO NET

3) Press "+" key.

| + |

| Add | 1 | 49.90 |
STABLE ZERO NET

4) Remove the item from the platter.

| 0.00 | 0.00 | 0.00 |
STABLE ZERO NET

5) Input a unit price
   Ex) 2.99 for Honey melon".

```
        [ 2 ] [ 9 ] [ 9 ]
```

```
  ,   0.00       2.99       0.00
  ▾
  STABLE ZERO NET
```

6) Place an item on the platter.

```
  ,  15.00       2.99      44.85
  ▾
  STABLE ZERO NET
```
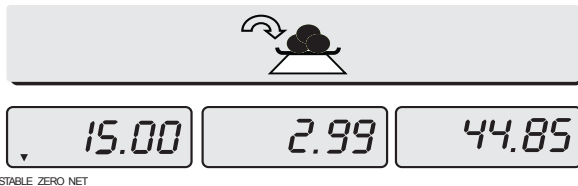
7) Press "+" key. "Total Price" display says total price added, and "Weight"
   display says the number of sales transactions added.

```
              [ + ]
```

```
  ,    Add          2       94.75
  ▾
  STABLE ZERO NET
```

8) Remove the item from the platter.

```
  , ,  0.00       0.00       0.00
  ▾ ▾
  STABLE ZERO NET
```
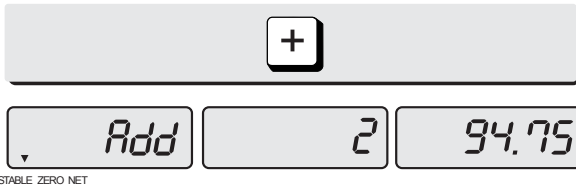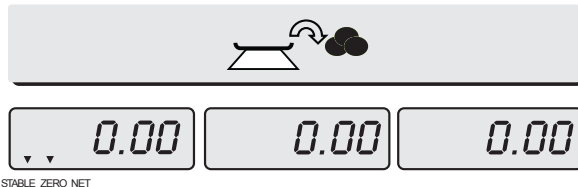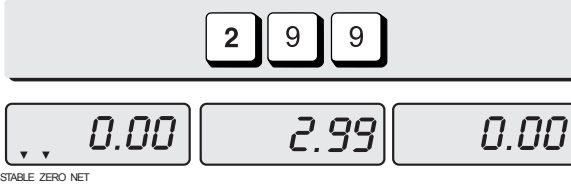
● You may also place the item on the platter first and then input unit price in the scale later.
● You may add sales transactions up to **1,000 times** and total amount of sales **up to 999,999.**
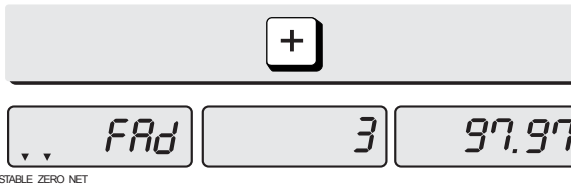
d. Adding up several sales transactions for non-weighed item (Fixed price added)

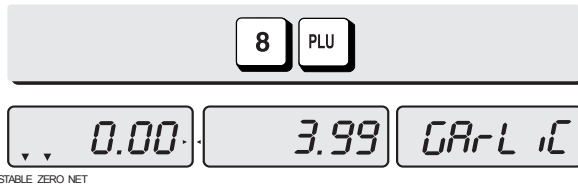1) Input a unit price
   Ex) 2.99 for "Strawberry Cream Cheese".

```
[ 2 ] [ 9 ] [ 9 ]
```

```
     0.00         2.99         0.00
▾ ▾
STABLE ZERO NET
```

2) Press "+" key.

```
[ + ]
```

```
     FAd            3        97.97
▾ ▾
STABLE ZERO NET
```

3) Press "+" key to go to normal "0" point mode.

```
[ + ]
```

```
     0.00         0.00         0.00
▾ ▾
STABLE ZERO NET
```

4) Call up another PLU.
   Ex) PLU# 8 which unit price is 3.99 for "Garlic bread".

```
[ 8 ] [ PLU ]
```

```
     0.00         3.99       GArL iC
▾ ▾
STABLE ZERO NET
```

34

5) Press "+" key.

[+]

| ▾ ▾ FAd | 4 | 1 0 1.96 |

STABLE ZERO NET

6) Press "+" key to go to normal "0" point mode.

[+]

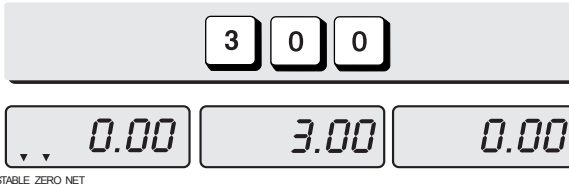| ▾ ▾ 0.00 | 0.00 | 0.00 |

STABLE ZERO NET
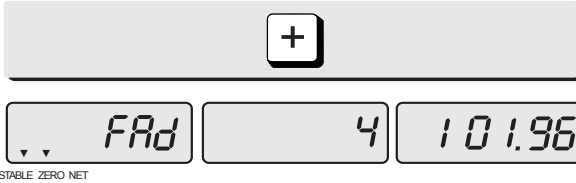
● Please refer to "Chapter 7. Daily Total Sales Amount" for calling up or deleting the daily total.

e. Multiplying the same item sales

■ You may either call up PLU or input unit price into the scale.
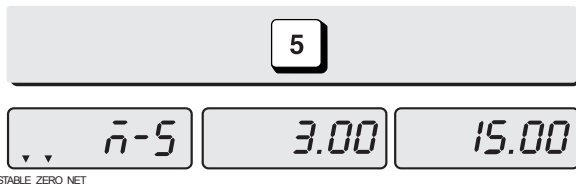
1) Input a unit price
   Ex) 3.00 for "Canned Soup"

[3] [0] [0]

| ▾ ▾ 0.00 | 3.00 | 0.00 |

STABLE ZERO NET

2) Press "X" key.

[X]

| ▾ ▾ n̄-0 | 3.00 | 0.00 |

STABLE ZERO NET

35

3) Press appropriate numeric key to input the number of items.

| 5 |

| ,, ñ-5 | 3.00 | 15.00 |

STABLE ZERO NET

● You may cancel previous number of item input by pressing "C" key and retry it.
● You may go back to normal weighing mode by pressing "C" key when "Unit Price" display shows "0".

4) Press "+" key.

| + |

| ,, FAd | 1 | 15.00 |

STABLE ZERO NET

5) Press "+" key to go to normal "0" point mode.

| + |

| ,, 0.00 | 0.00 | 0.00 |
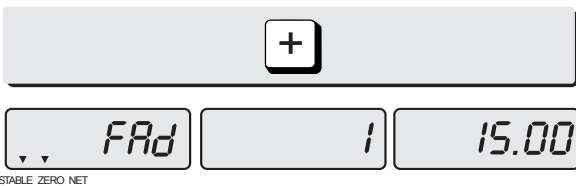
STABLE ZERO NET

f. Calling up or deleting total amount

■ When you just check total amount.

1) Press "TOTAL" key just to check total amount.
   Ex) Total amount=115.00, Total number of transaction= 5.

TOTAL

▾ ▾ $t t P$	5	115.00

STABLE ZERO NET

● The scale beeps when there is no adding-up transaction.

2) Press "+" key to go to normal "0" point mode.

+

▾ ▾ 0.00	0.00	0.00

STABLE ZERO NET

■ When you delete total amount.

1) Press "TOTAL" key just to check total amount.
   Ex) Total amount=115.00, Total number of transaction= 5.

TOTAL

▾ ▾ $t t P$	5	115.00

STABLE ZERO NET

● The scale beeps when there is no adding-up transaction.

2) Press "C" key to delete total amount. However, this total amount is still saved on daily total sales amount.

```
          C
```

```
 ▾▾   0.00      0.00          0.00
STABLE ZERO NET
```
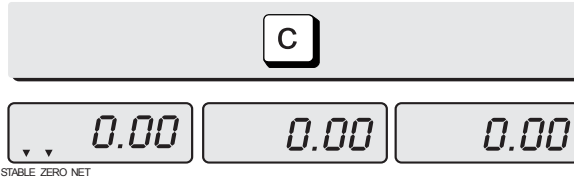
g. Cancel

■ When user makes more than two sales transactions he/she can cancel previous mistake transaction(s) of them by doing "Cancel" function.

1) Press numeric keys to input a unit price.
   Press "+" key to go to normal "0" point mode.
   Ex) Item's unit price=2.00

```
        2    0    0    +
```

```
 ▾▾    FAd            1        2.00
STABLE ZERO NET
```
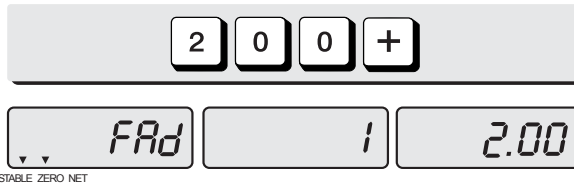
2) Appropriate numeric keys to make next another sales transaction.
   Ex) unit price=1.99/1 kg

```
        1    9    9    +
```

```
 ▾▾   0.00          1.99       0.00
STABLE ZERO NET
```

38
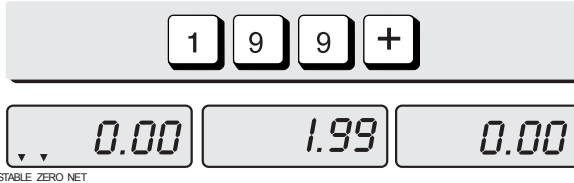
3) Place item on the platter and do "ADD" function. Ex) unit price=1.99, 1.00 kg
   Remove it from the platter.


```
  . .    0.00          0.00              0.00
▼  ▼
STABLE ZERO NET
```
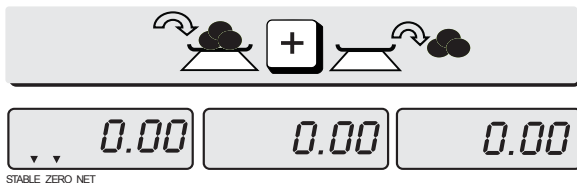
4) To cancel previous transaction input the same unit price and place the same item on the
   platter. Then, press "-" key.


```
  . .    1.00          0.00              0.00
▼  ▼
STABLE ZERO NET
```
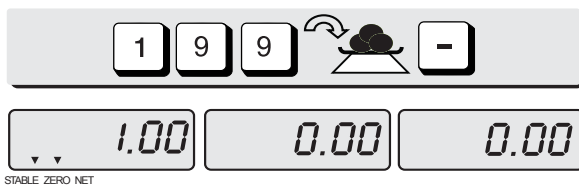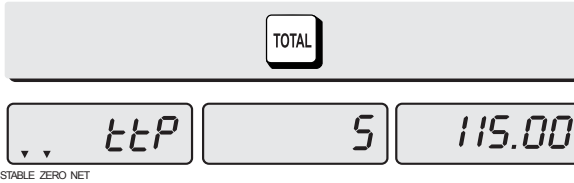
● Remove the item from the platter. For sure user may check total number of a series of
   transactions after canceling previous one by pressing "TOTAL" key to call up "ttP(Total Price)".

Chapter 6. Discount & Payment

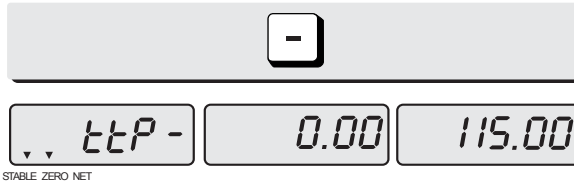## a. Discount on total sales amount

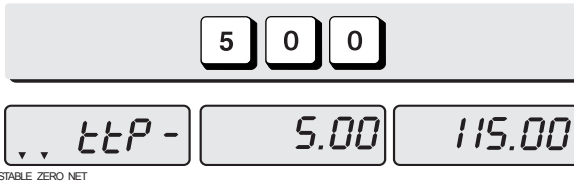1) Press "TOTAL" key just to check total amount.
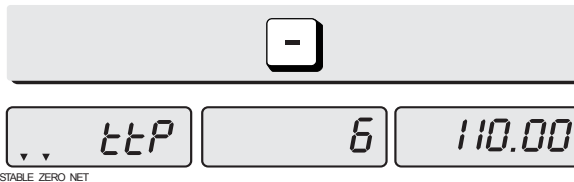   Ex) Total amount=115.00, Total number of transaction= 5.

```
                      TOTAL
```

```
  ,,    ttP          5      115.00
STABLE ZERO NET
```

2) Press "-" key.

```
                       -
```

```
  ,,    ttP -        0.00     115.00
STABLE ZERO NET
```

3) Press appropriate numeric keys to input the amount of discount.

```
                 5    0    0
```

```
  ,,    ttP -        5.00     115.00
STABLE ZERO NET
```

4) Press "-" key.

```
                       -
```
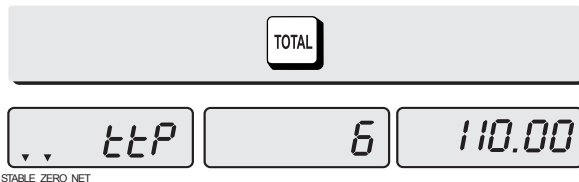
```
  ,,    ttP          6      110.00
STABLE ZERO NET
```

● Press "TOTAL" key to finalize these transactions. "Payment" function will be followed.

b. Payment on total sales amount

1) Press "TOTAL" key to call up total price.

```
                              [ TOTAL ]
```

```
 . .    ttP           6         110.00
STABLE ZERO NET
```
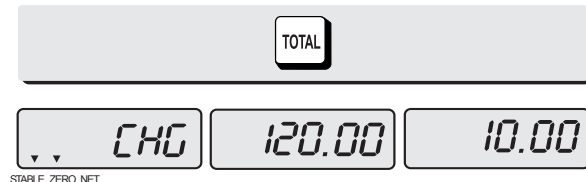
● In the case of no change needed then, just press "TOTAL" key to finalize the sales transactions. However, in the case of change needed please continue the following steps.

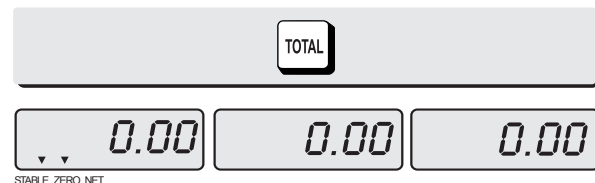2) Press appropriate numeric keys to make payment.
   Ex) 120.00 payment

```
        [ 1 ] [ 2 ] [ 0 ] [ 0 ] [ 0 ]
```

```
 . .    PAY        120.00       110.00
STABLE ZERO NET
```
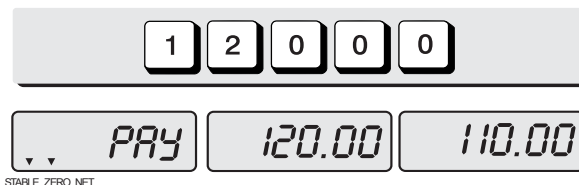
3) Press "TOTAL" key to call up the change amount.

```
                              [ TOTAL ]
```

```
 . .    CHG        120.00        10.00
STABLE ZERO NET
```

4) After checking the change amount press "TOTAL" key to go back to normal weighing mode.

```
                              [ TOTAL ]
```

```
 . .    0.00         0.00         0.00
STABLE ZERO NET
```

Chapter 7. Daily Total Sales (option)

a. Calling up daily total sales data

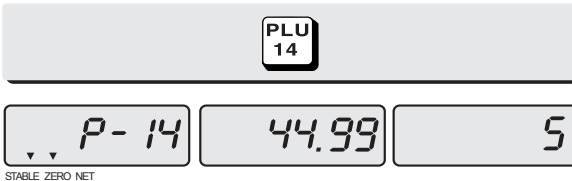1) Press "TOTAL" key for 3 seconds until "dtP" message shows up.

```
                    ┌──────┐
                    │ TOTAL│
                    └──────┘
```

```
┌─────────────┐ ┌──────────┐ ┌──────────┐
│ ▾ ▾   dtP   │ │          │ │          │
└─────────────┘ └──────────┘ └──────────┘
 STABLE ZERO NET
```
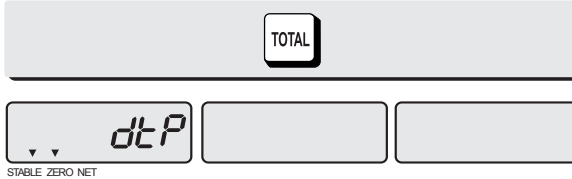
2) Press "TOTAL" key again to call up daily total sales.
   Ex) daily total amount of sales=444.99,

```
                    ┌──────┐
                    │ TOTAL│
                    └──────┘
```

```
┌─────────────┐ ┌──────────┐ ┌──────────┐
│ ▾ dAiLY     │ │  444.99  │ │    10    │
└─────────────┘ └──────────┘ └──────────┘
 STABLE ZERO NET
```
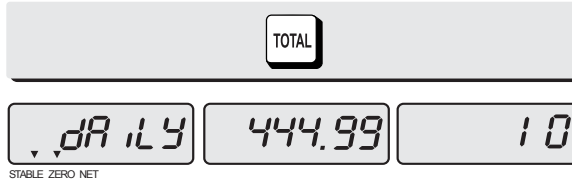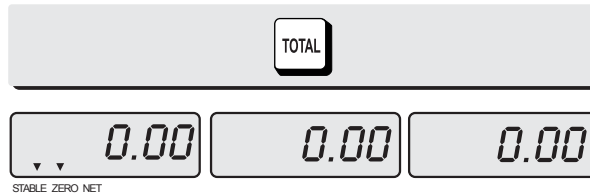
3) If you look at the amount of individual PLU sales call up appropriate PLU.
   Ex) PLU#1(Banana: Direct PLU) & PLU # 14.

```
                    ┌──────┐
                    │ PLU  │
                    │  14  │
                    └──────┘
```

```
┌─────────────┐ ┌──────────┐ ┌──────────┐
│ ▾ ▾  P- 14  │ │  44.99   │ │    5     │
└─────────────┘ └──────────┘ └──────────┘
 STABLE ZERO NET
```

● To go back to "Daily total sales" mode simply press "TOTAL" key. And then,
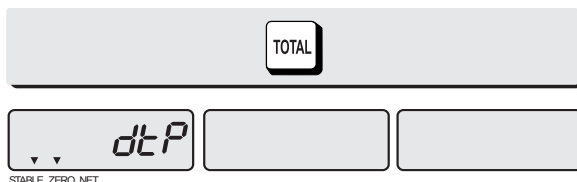   To go back to "Daily total sales" mode simply press "TOTAL" key.

4) To go back to normal weighing mode. press "TOTAL" key.

```
                    ┌──────┐
                    │ TOTAL│
                    └──────┘
```

```
┌─────────────┐ ┌──────────┐ ┌──────────┐
│ ▾ ▾  0.00   │ │   0.00   │ │   0.00   │
└─────────────┘ └──────────┘ └──────────┘
 STABLE ZERO NET
```

● You may daily sales transactions up to **50,000 times**

b. Deleting daily total sales data

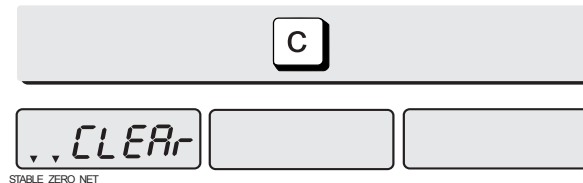1) Press "′ ‰ y †" key for 3 seconds until "dtP" message shows up.

TOTAL

```
  dtP
```
STABLE ZERO NET

2) Press "′ ‰ y †" key again to call up daily total sales.
   Ex) daily total amount of sales=444.99,

TOTAL

```
 dA iLY    444.99       1 0
```
STABLE ZERO NET
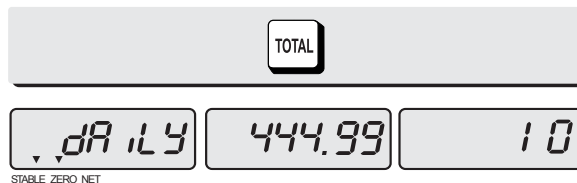
3) Press "C" key to delete "daily total sales" data. "Clear" message shows up shortly, and then
   it goes to normal weighing mode.

C

```
  CLEAr
```
STABLE ZERO NET

Chapter , . Save function (Option)
DISPLAY & KEYBOARD

■ LCD TYPE : Front Display

Table : Symbols on Display

SYMBOLS	DESCRIPTION
ZERO	To adjust zero
STABLE	Stable status
NET	Tare on
CHARGE	Charge status
SAVE	Save on
🔋	Display battery status
☀	Back light on status

■ KEYBQCRD

"
"

KEYS	FUNCTIONS
0 9 00	To input all of numerical data
	Direct PLU keys (24EA)
MEMORY	To save PLU
PLU	To call up PLU
C	To clear data
ZERO	To set zero
TARE	To set or clear tare value
ON OFF	To turn on & off the scale
BACK LIGHT	To turn on & off the backlight.
SAVE	Used to prevent the auto clearing of unit price and tare weight or both
ADD	To make several sales transaction by adding up
−	To make discount transaction
X	To multiply the same item when making sales transaction
TOTAL	To check total sales amount or finalize sales transaction
kg/lb	Used to convert a kilogram and pound

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a. Turning the save on/off

1) Press 〔SAVE〕 key for Save on.

```
                          SAVE
```

```
   0.00        0.00          0.00
                             ▾
                            SAVE
```

2) Press 〔SAVE〕 key for Save off.

```
                          SAVE
```

```
   0.00        0.00        0.00
                           SAVE
```

※ In "SAVE" mode the price and tare weight are not automatically cleared when you remove the item from the platter.

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Table: ASCII Code

HIGH ORDER / LOW ORDER	2	3	4	5	6	7	8	9
0	SP	0	@	P	`	p		
1	!	1	A	Q	a	q		
2	″	2	B	R	b	r		
3	#	3	C	S	c	s		
4	$	4	D	T	d	t		
5	%	5	E	U	e	u		
6	&	6	F	V	f	v		
7	´	7	G	W	g	w		
8	(	8	H	X	h	x		
9	)	9	I	Y	i	y		
A	*	:	J	Z	j	z		
B	+	;	K	[	k			
C	,	<	L	\	l			
D	-	=	M	]	m			
E	.	>	N	^	n			
F	/	?	O	_	o			

Picture1: Alphabet location on the Keybarod

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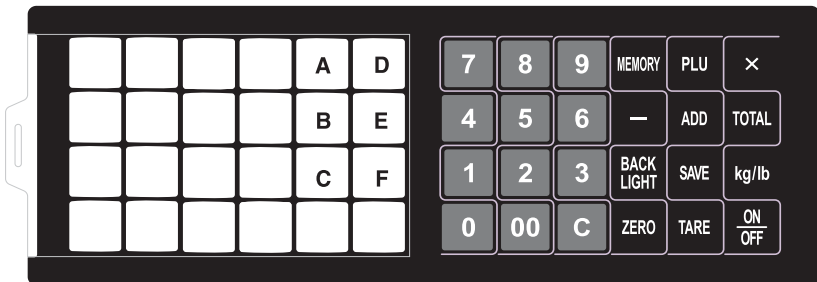
Table: Error Message

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.
"Err 6"	The "Err 6" means total price summation is over.	Please change unit price or remove some weight.
"Err 8"	The "Err 8" means Euro rating price is over.	Please change unit price or change euro rate.
"Err 15"	The "Err 15" means 1/2 or 1/4 unit price is over.	Please change unit price

MODEL	EB -WS-6	EB-WS-15	EB-WS-30	EB-WL-60	EB-WL-150	EB -60 EB-60L	EB-150 EB-150L
Capacity / e	6 / 0.002 kg	15 / 0.005 kg	30 / 0.01 kg	60 / 0.02 kg	150 / 0.05 kg	30 / 0.01 kg 60 / 0.02 kg	60 / 0.02 kg 150 / 0.05 kg
Internal	1/60,000	1/60,000	1/60,000	1/60,000	1/60,000	1/60,000	1/60,000
External	1/3,000 (Single)	1/3,000 (Single)	1/3,000 (Single)	1/3,000 (Single)	1/3,000 (Single)	1/3,000 (Dual)	1/3,000 (Dual)
Tare	5.998 kg	14.995 kg	29.99 kg	59.98 kg	149.95 kg	29.99 kg	59.98 kg
Display	Weight(6), unit price(6), total price(6)						
Indicators	STABLE, ZERO, NET, BATTERY						
Keys	Number(0~9, 00), Clear, ZERO, TARE, PLU Save, PLU Call Battery, BL, X, -(cancel), +(add), SUM(TTP), Power ON/OFF						
Functions	• Direct PLU(24) / Indirect PLU(200) • Price computing scale • Low Battery Indication function • Auto Power Off, Auto BL off • BL brightness control function						
Weight	6.5 kg			14.5 kg		15 kg	
Platter size(mm)	280x280			394x514		350 x400 (EB type) 394 x514 (L type)	
Product size(mm)	280x370x615			420x635x820		350 x594 x584.4 (EB type) 420 x635 x820 (L type)	
Power	6V 5 Ah(6V 10Ah Option, only EB type) Pb Battery or 12 V Adaptor						
Op.Temperature	- 10 ℃ ~ +40 ℃						
Minimum voltage	About 5.6V						
Operation time	6V 5Ah(About 200HR),6V 10Ah(About 500HR)						

MEMO

MEMO

MEMO

MEMO

EB SERIES

Retail Bench Scale