

FUNCTION SETTINGS

1. Enter function setting mode.

Press **[ON/OFF]** to turn the power off, Press **[ZERO]** first, then press **[ON/OFF]**, while keeping **[ZERO]** pressed, the display will show **A_ON** or **A_OFF**.

2. Selection of auto backlight mode.

When the balance enter function setting menu. Press **[UNIT]** key, the display will show **L_ON** or **L_OFF**, press **[ZERO]**, selection display **L_ON**, this means auto backlight function active, press **[ZERO]** again, the display will show **L_OFF**, this means auto backlight function inactive, i.e. shut off backlight function.

3. Selection of auto shut off mode.

When the balance enter function setting menu. Press **[UNIT]** key, the display will show **A_ON** or **A_OFF**, press **[ZERO]**, selection display **A_ON**, this means auto shut off function active. Press **[ZERO]** again, the display will show **A_OFF**, this means auto shut off function inactive.

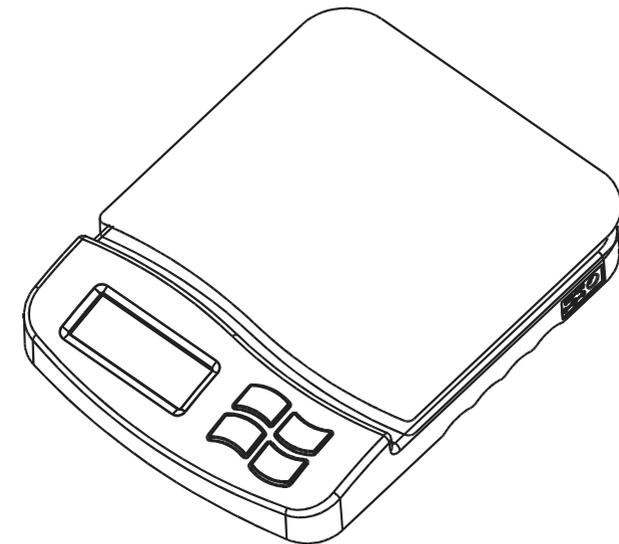
4. Return to weighing mode.

Press **[ON/OFF]** to turn the power off, press **[ON/OFF]** again to turn on the power and the scale return to the weighing mode.

COMPACT SCALE

MRB SERIES

INSTRUCTION MANUAL



SAFETY PRECAUTIONS

All safety messages are identified by the following the words "WARNING" and "CAUTION". These words mean the following:

△WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
△CAUTION	Important information that tells how to prevent damage to equipment.

When using the scale, the following safety precautions should always be followed.

△ WARNING

Use only the AC adaptor with the scale. Other adaptor may cause damage. (AC adaptor is optional)

△ CAUTION

Avoid installing the scale in direct sunlight, this may cause discoloration or malfunctions.

Do not mix the type of batteries. Replace all other batteries at the same time.

If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage which may cause damage to the instrument.

Avoid overloading that could cause damage to the scale.

Do not drop water in the scale that is not water-resistant. It causes damage, if inside of the scale is wet.

Matter charged static electricity could influence the weighing. Discharge the static electricity. As example, the method is to use the electrification prevention spray, to spray it to both side of weighing platform.

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SPECIFICATIONS

Model number	Capacity	Division
MRB -500	500g	0.1g
MRB -1200	1200g	0.1g
MRB- 6000	6000g	1g
MRB-10000	10000g	1g
Platter	175×160mm	
Net/gross weight	700/880g	
Package	Standard carton: 29.8×21.6×8.8(cm ³)	
	12 Units in one box: 61×48.5×38 (cm ³)	
Operating Temperature	0-40□(32-104□)	
Power source	6×AA Size Batteries or AC/DC	
	Adapter 9V/100mA	

CALIBRATION

When to calibrate

Calibration may be required when it is initially installed, if the scale is moved to a substantial distance.

This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations may occur.

How to calibrate

1. Before entering calibration mode, press [ON/OFF] to turn the power on for 1minutes.

2. Enter calibration mode

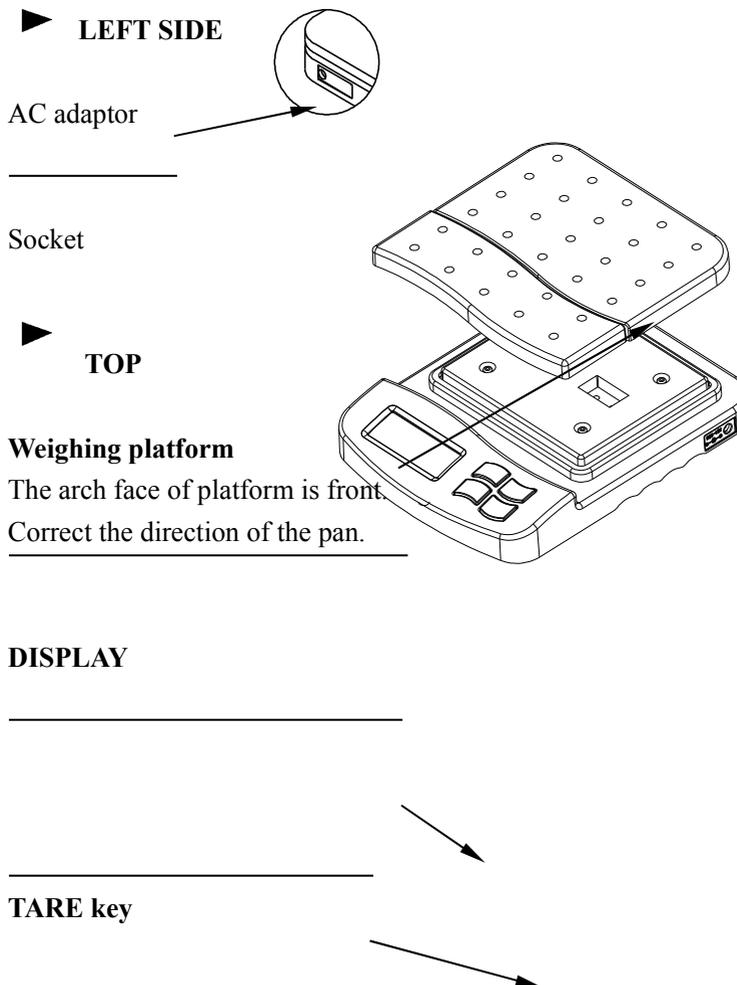
Press [ON/OFF] to turn the power off. Press [UNIT] first, then Press [ON/OFF], while keeping pressing [UNIT], the display will show "CALu=",press [UNIT] key to select calibration weight units(g or lb); press[ZERO] key to select calibration weight, the display will show "C xxxxx", X is flash digit. Press [UNIT] key the flash digit will move to right; Press [TARE] key to increase the flash digit.(*X is the calibration weight which can be set according to your requirement*). Press [ZERO] key to confirm the calibration weight, the display show "88888" and then AD value..

3. Calibration by the weight

Wait for the stable indicator to be displayed, Press [UNIT] the display will show "00SAVE", after 2 seconds, the display will show first line calibration weight.

4. Place the calibration weight on platform. After the stable indicator is displayed, then press [UNIT], the display will show "00SAVE" and then return to A/D value, now calibration in finished.

DESCRIPTION



5. Press [ON/OFF], turn off the power, press [ON/OFF] turn on the power again, place full weight on the platform to make sure whether weighing is correct, if not, repeat steps 2-5.

6. Return to weighing mode

Press [ON/OFF] to turn the power off. Press [ON/OFF] again to turn on the power and the scale/balance return to the weighing mode.

ON/OFF key
Turns the scale

Power on/off.

UNIT key
Changes weighing units

ZERO key
Sets display to zero or
Subtracts weight of a container.

▶ **BOTTOM**

Battery compartment

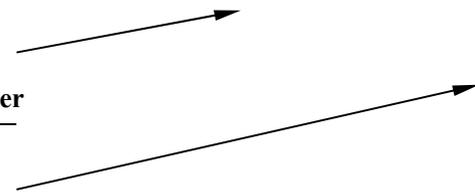
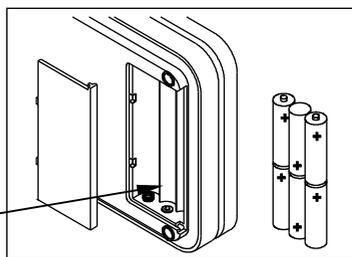
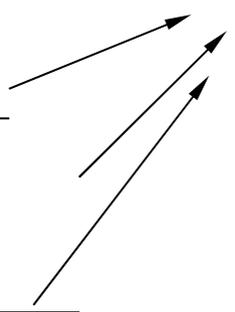
Battery compartment cover

Batteries

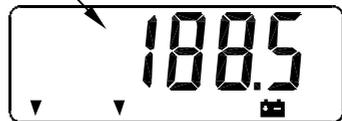
Batteries are not included

▶ **DISPLAY**

ZERO /TAREindicator



Weighing unit indicator



STABLE

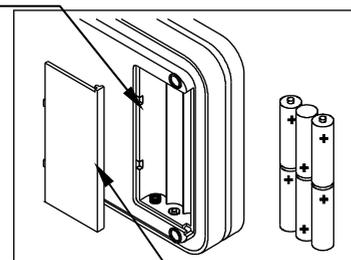
Low battery indicator

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PREPARATION

1. Installing batteries/Connecting the AC adaptor Batteries

Battery compartment cover and insert six batteries(R6P/LR6



Remove the battery compartment cover and insert six batteries(R6P/LR6 size) into the battery compartment, ensuring that the polarities are observed.

R6P/LR6/AA size

Dry batteries.

Battery compartment cover

(batteries are not included)

AC adaptor (optional)

AC adaptor socket

Plug the AC adaptor to the AC

socket on the side.

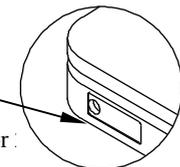
input requirement could

be 110,120,220,230 or

(50/60Hz) depending on the area

where used, so please verify that

the adaptor is correct



2. Setting up the scale

CAUTION

Avoid installing the scale in direct sunlight, that may cause discoloration or malfunctions. Place your scale on a firm weighing table so that the scale is level. (The scale will not perform accurately when it is not level.)

Place the scale on the firm surface that is flat and level for an accurate weighing.

WEIGHING

Before weighing

Whenever possible, please allow the balance to warm up for 10 minutes after first turning to power on, so that the balance will function. Properly and accurately.

Error messages

EEEE: Overload

: Low battery

Weighing procedures

1.Press [ON/OFF] to turn on the scale.

When the power is turned on the display will show all segments (88888) for a few seconds and then "0" will appear on the display.

2.Select the weighing unit with [UNIT].

Press [UNIT] to select the weighing unit, "kg"□"g"□"lb"□"oz"

3. Start weighing

Place the objects to be weighted in the weighing container or directly onto the scale's tray.

When the reading becomes stable, the stable weighing indicator is displayed.

- Auto zero tracking
- Low batter indication
- Large LCD (6digits 15 mm high)
- Net weight indication
- 1/2000 ~ 1/15000 division available
- Large square weighting pan
- kg/g/lb/oz conversion(optional)

FEATURES

- Auto shut off .
- Auto calibration