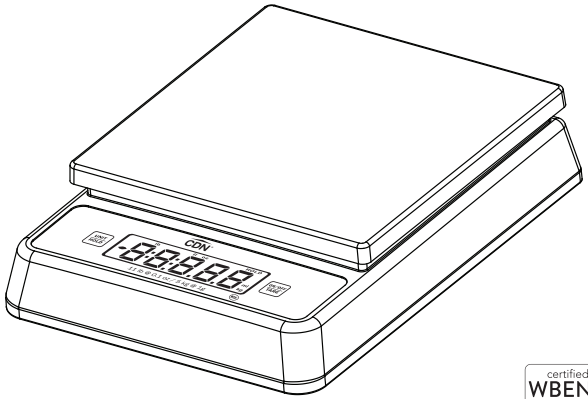
Model SD1112

CDN®
Measurement Tools

DIGITAL PORTION CONTROL SCALE

11 POUNDS/5 KILOGRAMS
by pounds:ounces and kilograms.grams



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Note: In the following instructions, names of the control buttons are shown in CAPS. Function information that appears on the display is shown in **BOLD CAPS**.

BATTERY INSTALLATION

Replace battery when LCD becomes dim. **bAtt** appears on the display for 2 seconds before turning off when the batteries need to be replaced.

1. Power off the unit before installing the batteries.
2. Remove battery cover on the bottom by pressing the latch toward the battery cover and lifting up.
3. Install two 1.5V AAA IEC LR03 alkaline batteries observing polarity shown in compartment.
4. Replace the battery cover until it clicks shut.

POWER ADAPTER

Before using the external power adapter, make sure that the printed voltage complies with the local voltage.
Note: Use only an original CDN power adapter (AD-AC3302). The use of another adapter is subject to approval by CDN.

1. Insert the adapter plug into the jack in the rear of the scale.
2. To turn the scale on, press the ON/OFF button as described in *Section A: On/Off*. The scale will remain on until turned off.
   Note: When the power adapter is plugged in, the auto-off feature is disabled.

Note: This device could be sensitive to electrostatic discharge. If electrostatic discharge or malfunctioning occurs, please re-install the battery to reset this unit.

OPERATING INSTRUCTIONS

Place the scale gently on a hard and flat surface and make sure it is steady before use to obtain accurate measurements.

A. On/Off

1. Press the ON/OFF button to turn on. The display flashes **–––** and then returns to zero.
2. Press and hold the ON/OFF button for 2 seconds to turn off.

B. Auto Off

The scale automatically turns off after 2 minutes of inactivity when the AC adapter is not plugged in.
Note: Auto-off is disabled when the AC adapter is used.

C. Unit Selection

1. Press the UNIT button to select the desired unit. The display switches between **lb:oz** and **kg.g**.
2. **oz** appears on the display when the weight is less than 1 lb. Otherwise, both **lb** and **oz** appear on the display.
3. **g** appears on the display when the weight is less than 1 kg. Otherwise, **kg** appears on the display.

D. Hold Mode

1. Press and hold the HOLD button for 2 seconds. **HOLD** flashes on the display for 15 seconds to allow enough time to place an item on the scale.
   NOTE: If no item is placed on the scale, the scale will exit Hold Mode and return to Weighing Mode.
2. When the item is placed on the scale, the item's weight and **HOLD** appear on the display for 15 seconds.
3. When the hold time is over, the scale exits Hold Mode automatically and returns to Weighing Mode.
   NOTE: During Hold Mode all buttons are locked.

E. Weighing Mode

1. Press the ON/OFF button to turn on. The display flashes **–––** and then returns to zero.
2. Place an item on the scale platform. The weight of the item appears on the display within 1 second after the item is stable.

F. Tare

The tare function resets the scale display to zero in order to measure only the weight of an item. It is frequently used to subtract the weight of containers.

1. When the scale is on, place a container on the platform.
2. Press the TARE button to reset the display to zero. The display flashes **–––** and then returns to zero.
3. Place the item into the container or directly on the scale platform. The weight of only the last item added will appear on the display.
4. Continue to repeat steps *2.* and *3.* to measure the respective weights of additional items.
5. To clear the tare, remove all items from the platform and press the TARE button. The display is reset to zero.

G. Field Calibration

1. When scale is off, press and hold the ON/OFF button until all segments are displayed (**–––** is displayed first and then all segments). When all segments are displayed, press the ON/OFF button 3 times within two seconds. The display shows **11111**, then **55555**, and then the version number and checksum appear before the calibration number (ex: **2F205**) appears.
2. While the calibration number is displayed, press the ON/OFF button again. **0** appears to verify the weight of the empty platform.
3. After a few seconds the calibration number (ex: **2F205**) appears again. Press the ON/OFF button again.

The calibration weight appears on the display.
Note: To change the calibration units to grams or pounds, press the UNIT button. 5 kg calibration weights are available from CDN (WT05).

4. Put a 5 kg calibration weight in the center of the platform. The scale displays more calibration numbers while the scale is calibrating.
5. **End** appears on the display for 3 seconds if the calibration is successful. Then the scale automatically turns off. The scale has been calibrated and is ready for use.
6. **FAIL** appears on the display for 3 seconds if the calibration is not successful. Then the scale automatically turns off. Return to step 1 and try the calibration again. calibration continually fails, please contact CDN for further assistance.

H. Battery Status

bAtt: replace battery with two 1.5V AAA alkaline cells. The scale turns off automatically after 2 seconds.

I. Error Messages

1. **EEEE** indicates an overload when the item being measured exceeds the capacity of the scale. Immediately remove the overweight item to avoid causing permanent damage to your scale. The scale turns off automatically after 2 seconds.
2. **Err** indicates an initialization problem. The scale turns off automatically after 2 seconds. Turn on the scale again. If the problem persists, please contact CDN.

Note: Clean the scale platform before each use. The stainless steel removable platform is dishwasher safe; the removable plastic platform base is not dishwasher safe.

Note: Replacement removable platform, AC adapter & 5 kg calibration weight available.

USAGE GUIDELINES

- Scales are precision instruments and must be handled with extreme care.
- Battery technology works best at room temperature. **Do not leave the scale in cold rooms, refrigerators or freezers for extended periods of time.**
- Place the scale gently on a hard and flat surface and make sure it is steady before use.
- The maximum capacity of the scale is 11 lb/5 kg, which is the capacity before using the tare function.
- Do not place overweight items on the scale.
- Do not place hot items directly on the scale platform. They can distort the display. Rather, tare a baking sheet at room temperature and then place the hot item on it.
- Store the scale in a position that keeps it free from any load bearing weight. Storing the scale with pressure on the load cells can distort the weight measurements over time.
- Hold the scale from the bottom when moving.

CARE OF YOUR PRODUCT

- Do not submerge any part of the scale in water.
- Wipe clean with a damp cloth.
- Store the scale at room temperature between 32 to 104°F/0 to 40°C.

PRECAUTIONS

- Keep the scale and/or battery away from children.
- Do not clean the scale with abrasive or corrosive compounds, which may scratch the surface and corrode the electronic circuits.
- Do not subject the scale to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged

battery and/or distorted parts.

- Do not tamper with the scale's internal components. Doing so will invalidate the warranty and may cause unnecessary battery damage and/or distorted parts.
- Do not subject the scale to excessive exposure to direct sunlight.
- **The unit is not waterproof** — do not immerse it in any liquid, which will result in faulty measurements.
- To avoid deformation, do not place the unit in extreme temperatures.
- Always read the user manual thoroughly before operating.

SPECIFICATIONS

Measurement Range	11 lb/5 kg
Unit of Measure	lb:oz, kg.g
Resolution	0 lb:0.1 oz, 1 g
Operating Range	32°F~104°F/0°C~40°C/≤90% RH
Water Resilience	IP54 – dust protected & splashing of water
Accuracy	2 kg ±6g; 5 kg ±15g
Power Supply	Two 1.5V AAA IEC LR03 alkaline batteries; AC Adapter: 100-240VAC 50/60Hz input, 9V DC (500mA) output
Platform Dimensions	7.12 W x 7.12 H (in)/18.1 W x 18.1 H (cm), removable
Product Dimensions	9.72W x 2.188 H x 7.48 D (inches)/ 24.7 W x 5.56 H x 19.0 D (cm)
Weight	46.2 oz / 1309 g (including battery)
Accessories	Removable stainless steel platform (AD-PF1112), AC adapter (AD-AC3302), 5 kg calibration weight (WT05)

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NSF

Contains BioCote silver phosphate glass antimicrobial technology to preserve the surface and prevent degradation caused by microbial growth

1-Year Limited Warranty:
Any instrument that proves to be defective in material or workmanship (excluding batteries) within one year of original purchase will be repaired or replaced without charge upon receipt of the unit prepaid at: CDN, PO Box 10947, Portland, OR 97296-0947. This warranty does not cover damage in shipment or failure caused by failure to adhere to the accompanying instructions, inadequate maintenance, normal wear and tear, tampering, accident, misuse, unauthorized modification, obvious carelessness or abuse. CDN shall not be liable for any consequential or incidental damages whatsoever.

For more detailed information on our products, please visit CDNmeasurement.com or call 800-338-5594.

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