

MH Series Electronic Digital Table Top Scale

User Manual

Brand: Generic | Model: 01

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your MH Series Electronic Digital Table Top Scale. Designed for high accuracy, this portable scale is ideal for precise measurements of various items, including jewelry, diamonds, gold, and kitchen ingredients up to 500g.

Key features include a clear LCD display with backlight, multiple weighing modes, and a compact design for portability.



Figure 1.1: MH Series Digital Scale in operation with a calibration weight.

The image displays the MH Series Electronic Digital Table Top Scale. It is a compact, silver-colored scale with a stainless steel weighing platform. A small, cylindrical calibration weight is placed on the platform, and the blue-backlit LCD screen clearly shows a numerical reading. Below the screen are several grey buttons: "PCS", "UNITS", "ON/OFF", "TARE", and "LIGHT". The scale's protective clear cover is open and positioned to the left.

2. SAFETY PRECAUTIONS

- Do not overload the scale beyond its maximum capacity of 500g. Overloading can damage the internal sensor.
- Avoid exposing the scale to extreme temperatures, humidity, or direct sunlight.
- Keep the scale away from strong electromagnetic fields, as this may affect accuracy.
- Handle the scale with care. Avoid dropping or subjecting it to strong impacts.
- Do not immerse the scale in water or any other liquids.
- Use only the specified battery type (2 x AAA 1.5V batteries).
- Remove batteries if the scale will not be used for an extended period to prevent leakage.

3. PRODUCT COMPONENTS AND IDENTIFICATION

Your package includes the following items:

- 1 x MH Series Electronic Digital Table Top Scale
- 2 x AAA 1.5V Batteries (included)

Familiarize yourself with the main parts of the scale:

1. **Weighing Platform:** Stainless steel surface for placing items.
2. **LCD Display:** Shows weight readings, units, and other indicators.
3. **Buttons:**
 - **ON/OFF:** Powers the scale on or off.
 - **UNITS:** Changes the weighing unit (g, oz, ct, tl, gn).
 - **TARE:** Zeros the scale, useful for weighing items in a container.
 - **PCS:** Activates the piece counting function.
 - **LIGHT:** Toggles the display backlight on or off.
4. **Protective Cover:** A clear plastic cover that protects the scale and can also be used as a weighing tray.



Figure 3.1: Front view of the MH Series Digital Scale with display and buttons.

This image shows the MH Series Digital Scale with its clear protective cover flipped open, revealing the stainless steel weighing platform and the control panel. The LCD display is illuminated with a blue backlight and shows "0.00". The buttons for "PCS", "UNITS", "ON/OFF", "TARE", and "LIGHT" are clearly visible below the display.

4. SETUP AND INITIAL USE

4.1. Battery Installation

The scale is powered by two AAA 1.5V batteries. Follow these steps to install them:

1. Locate the battery compartment on the underside of the scale.
2. Open the battery compartment cover.
3. Insert two AAA batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Figure 4.1: Battery installation for the MH Series Digital Scale.

This image shows the MH Series Digital Scale with its clear protective cover open, positioned next to two AAA batteries. This illustrates the type of batteries required for the device and where they would be inserted, typically in a compartment on the underside of the scale.

4.2. Initial Power On and Calibration

After installing batteries:

1. Place the scale on a hard, flat, and stable surface to ensure accurate readings.
2. Press the **ON/OFF** button to turn on the scale. The display will show "88888" and then "0.00" (or "0.0") when ready.
3. If the display does not show "0.00", press the **TARE** button to zero the scale.

5. OPERATING INSTRUCTIONS

5.1. Basic Weighing

1. Turn on the scale by pressing the **ON/OFF** button.

2. Ensure the display shows "0.00" before placing any item. If not, press **TARE**.
3. Gently place the item to be weighed on the center of the weighing platform.
4. Read the stable weight displayed on the LCD screen.

5.2. Unit Conversion

The scale supports 5 weighing modes: grams (g), ounces (oz), carats (ct), pennyweights (tl), and grains (gn).

- With the scale on, press the **UNITS** button repeatedly to cycle through the available units.
- The selected unit will be indicated on the LCD display.

5.3. Tare Function

The Tare function allows you to subtract the weight of a container, so you only measure the net weight of its contents.

1. Place an empty container on the weighing platform. The display will show its weight.
2. Press the **TARE** button. The display will reset to "0.00".
3. Now, place the items you wish to weigh into the container. The display will show only the weight of the items.

5.4. Piece Counting Function (PCS)

This function allows you to count a large number of small, uniform items.

1. Turn on the scale and ensure it reads "0.00".
2. Press and hold the **PCS** button until "PCS" appears on the display, followed by a sample size (e.g., "25", "50", "75", "100").
3. Press the **UNITS** button to select your desired sample size (e.g., 25, 50, 75, 100 pieces).
4. Place the exact number of sample pieces (e.g., 25 pieces) onto the weighing platform.
5. Press the **PCS** button again to confirm the sample. The display will now show "PCS" and the number of pieces.
6. You can now add more items of the same type, and the scale will count them.
7. To exit counting mode, press the **UNITS** button.

5.5. Backlight Control

Press the **LIGHT** button to toggle the blue backlight on or off, improving readability in various lighting conditions.

5.6. Auto-Off Function

To conserve battery life, the scale features an automatic shut-off function. If left idle for approximately 30 seconds (default), the scale will automatically turn off. This duration may be adjustable in some models (typically 60-180 seconds as per product features).



Figure 5.1: Versatile applications of the MH Series Digital Scale.

This image illustrates the diverse uses of the MH Series Digital Scale. The scale, with its blue-backlit display showing a reading, is centrally placed. Around it are small bowls containing various items such as spices, jewelry (a ring), and small beads, highlighting its suitability for weighing small quantities of different materials.

6. MAINTENANCE AND CARE

- **Cleaning:** Wipe the scale surface with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.
- **Storage:** Store the scale in a clean, dry place at room temperature. Keep the protective cover closed to prevent dust and damage to the weighing platform.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display or when the scale fails to power on.



Figure 6.1: Compact design for easy storage and portability.

The image shows a hand holding the MH Series Digital Scale, emphasizing its compact and portable design. The scale is small enough to fit comfortably in the palm, with its clear protective cover closed, making it easy to store or carry.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries.
"LO" or "UNSE" displayed.	Low battery power.	Replace batteries.
"O-Ld" or "EEEE" displayed.	Overload. Weight exceeds maximum capacity.	Remove excess weight immediately. Do not exceed 500g.

Problem	Possible Cause	Solution
Inaccurate or unstable readings.	Unstable surface, air currents, or scale not tared.	Place scale on a flat, stable surface. Avoid drafts. Press TARE before weighing.
Display is dim or flickering.	Low battery power.	Replace batteries.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Number	01
Capacity	Up to 500g
Readout Accuracy	±0.05g
Weighing Modes	g, oz, ct, tl, gn
Display Type	LCD with Blue Backlight
Power Source	2 x AAA 1.5V Batteries
Auto-Off	Approx. 30 seconds (adjustable 60-180 seconds)
Material	Plastic, Stainless Steel Platform
Color	Black
Recommended Use	Jewellery, Diamond, Gold, Kitchen

9. WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to your purchase documentation for specific warranty terms and duration. The warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

For warranty claims, please retain your proof of purchase.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your MH Series Electronic Digital Table Top Scale that are not addressed in this manual, please contact your retailer or the manufacturer's customer support for assistance.

Please have your product model number (01) and purchase details ready when contacting support.