



# Digital Portion Scale AW-WPS USER MANUAL

PLEASE TAKE THE TIME TO READ THESE INSTRUCTIONS BEFORE  
STARTING TO USE THE SCALES

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## INTRODUCTION

Thank you for purchasing a Yamato Portion Scale. Please read this instruction manual carefully before use. Keep these instructions handy for future reference.

## SAFETY INSTRUCTION



Before putting the device into use, please read with care the information given in the Operating Instructions. They contain important instructions for installation, proper use and maintenance of the device.

The manufacturer shall not be liable for damages arising out of failure to heed the following instructions:

- ◆ When using electrical components under increased safety requirements, always comply with the appropriate regulations.
- ◆ Improper installation will render the warranty null and void.
- ◆ Ensure the voltage marked on the power supply unit matches your mains power supply.
- ◆ This device is designed for use indoors.
- ◆ Observe the permissible ambient temperatures for use
- ◆ The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.
- ◆ These batteries should be kept away from small children. If swallowed, promptly seek medical assistance.
- ◆ Expected Service Life: 5 years

If you have any problem, contact your local service partner.

## CLEANING

- ◆ We would recommend using alcohol based wipes or similar when cleaning the scales.
- ◆ Please do not use large amounts of water when cleaning the scales as this will cause damage to the scales electronics, you should also refrain from using corrosive liquids or high pressure washers.
- ◆ Always disconnect the scales from the mains power supply before cleaning.

## MAINTENANCE

- ◆ The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. The regularity of these checks is dependent on the level of use and the state of the scale. If any inaccuracies occur, please contact your local dealer or service partner

## DISPOSING OF THE SCALE

- ◆ This product is not to be treated as regular household waste, but should be handed in to an electrical/electronic equipment recycling centre.
- ◆ You can obtain further details from your local council, your municipal waste disposal company or the firm which you purchased the product

## Explanation of the graphic symbols

**SN-21300100**

Designation of the serial number of every device, applied at the device.

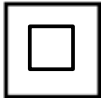
(Number as an example)



“Please note the accompanying documents“  
or “Observe operating instructions”



“Electro-medical appliance“  
with attachment for type B



Device protection category II



Dispose of old appliances separately from your household wastrel!

Instead, take them to communal collection points.



Carefully read this operation manual before setup and commissioning, even if you are already familiar with Yamato scales.

## TO Ready Scale for Use

1. Remove the scale from its box along with any protective film from the platform cover.
2. Place the scale on a hard, flat surface. Uneven surfaces will affect accuracy. If using the adapter, make sure the scale is not resting on the cord, otherwise it may be unstable.

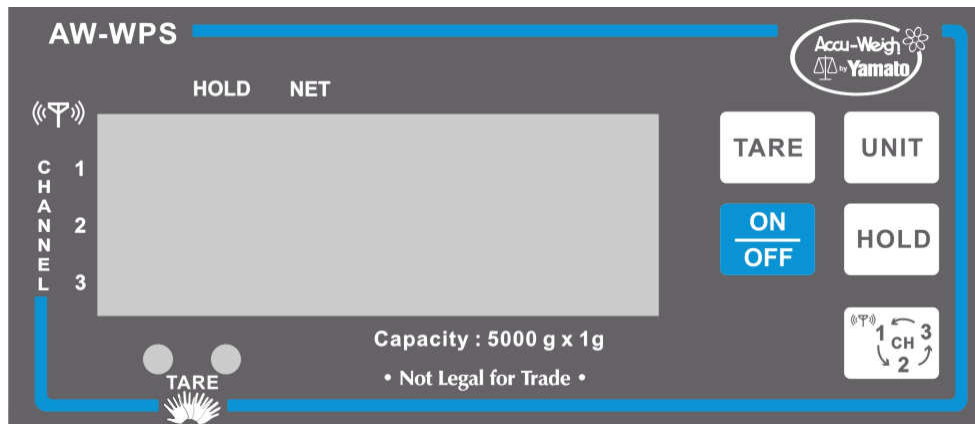
## POWER SUPPLY & LOW BATTERY

1. The AW-WPS scale uses 9 volt battery.
2. Low battery indication will display on LCD display when battery power is insufficient to perform the weighing.
3. When “**LoBatt**” is displayed, please change batteries. Please refer to “INSTALLING THE BATTERY”.

## SPECIFICATIONS

Model	AW-WPS
Capacity	0-10 lb x 0.05 oz/10-30 lb x 0.1 oz 0-5 kg x 0.002 kg(2 g)/5-15 kg x 0.005 kg (5 g) 30 lb x 1/8 oz
Weight Unit	lb:oz(decimals) lb:oz(fractions)/kg
LCD Readout	1" LCD readout
Dimensions	14" x 14" x 1.6"
Buttons	ON/OFF, HOLD, Unit, Tare, Channel
Power Supply	<ul style="list-style-type: none"> <li>➤ 10 x AA batteries (6 for base, 4 for remote,not included.)</li> <li>➤ 2 120V AC adapters (1 for base, 1 for remote (included))</li> </ul>
Operation Temperature	32°F / 104°F (0 °C / 40°C)

## PANEL



## BUTTON DESCRIPTION

	Press to turn the scale ON or OFF.
	Press to 'Tare' (zero) the weight of any item while weighing.
	Press to 'Hold' the weight on the screen.
	Press to switch between lb:oz and kg units of measurement.
	Press to reset the scale to zero(TARE function)if the scale does not show zero automatically.
	Icon flashes when scale is ready for a weighing.
	Stability display: If the display shows 'o',the weight is stable on the scale. If the display shows 'o', the weight is unstable.
	The 'Hold' weighing function is active.
kg ↔ lb:oz	Indicates the Weighing unit [kg ↔ lb:oz].
	Stored 'Tare' value.
	Touch-free taring field.
- / o on base	On (-) /Off (o) switch for scale base.


## PREPARING SCALE FOR WEIGHING


### Before Weighing

1. Please select the scale's channel to match the wireless display.  
(The scale's channel indicator is located on the scale's base; please remove the rubber stopper to access the channel indicator.)For example: If the wireless display is using Channel-1, select Channel-1 for the scale.(Please see Page 6 for instructions for selecting platform channels.)
2. Press the ON/OFF button to turn on the scale.
3. Please make sure that the distance between the scale base and the wireless display is within 30 feet (10 meters).

Note: If the scale's channel is not same as the wireless display, '88888' will appear on the display. Set the scale and wireless display to the same channel.


### Weighing

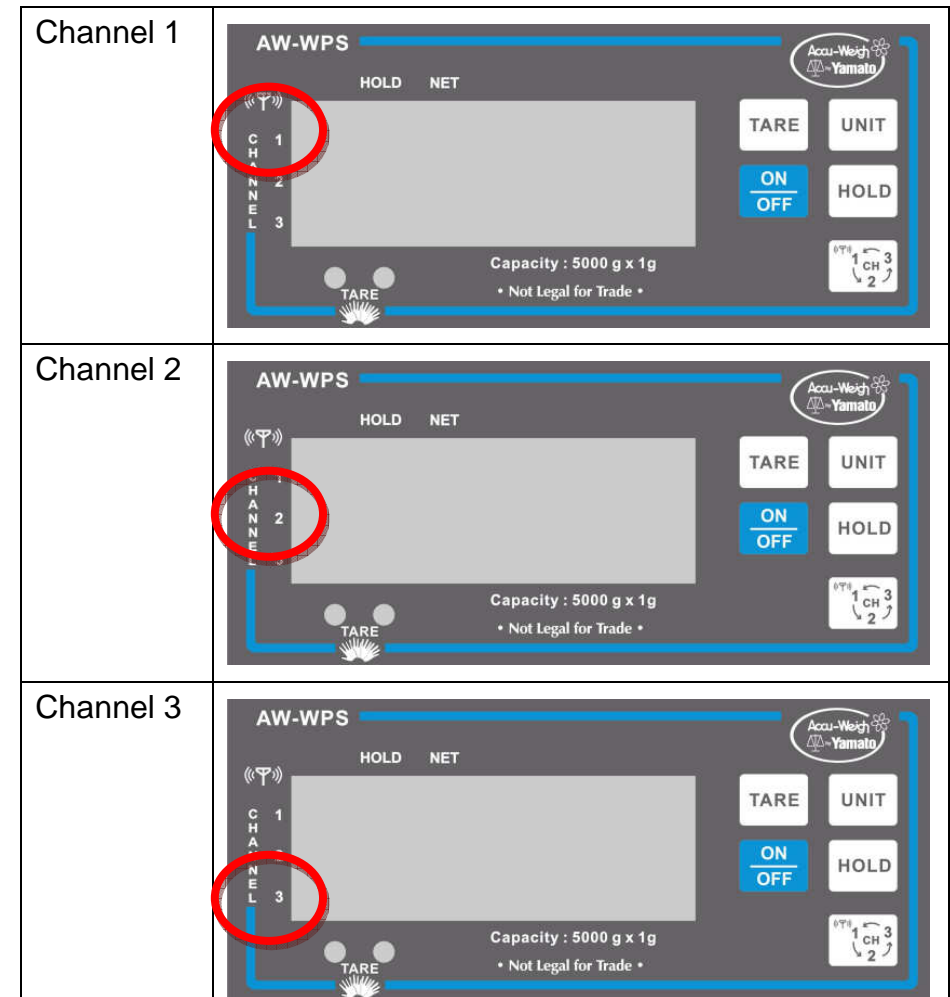
1. Press the ON/OFF button to turn on the scale.
2. '88888' appears on the screen, then '0' and '  ' will flash.  
The scale is ready for weighing.

**\*NOTE-** If the "88888" display does not show '01, press the  button to change the wireless display's channel to match the scale's channel. For example: If the scale's channel is set to Channel-1, please select Channel-1 for the wireless display also.

## CHANGING THE WIRELESS DISPLAY'S CHANNEL



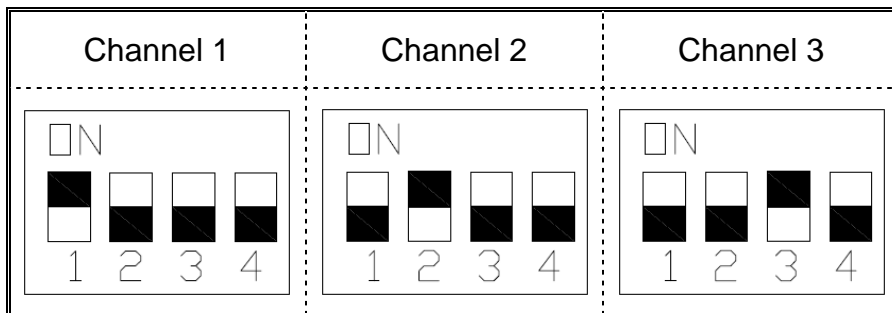
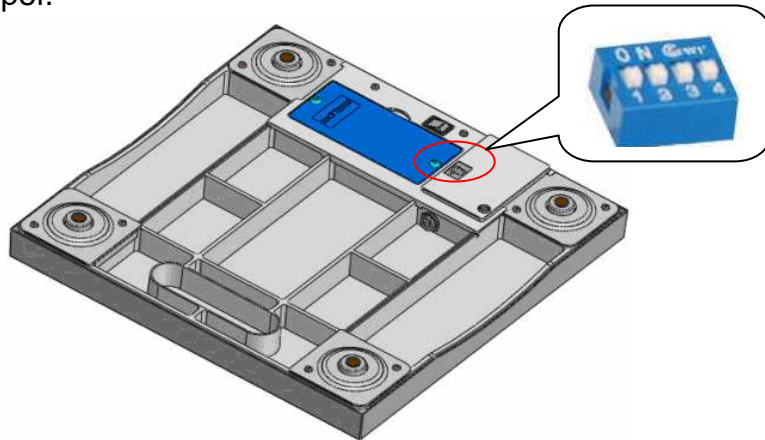
Press the  button to select the wireless display channel. Channel numbers (1, 2, 3) are shown on the left hand side of the display. When a channel is selected, a triangle icon points to the selected channel. For example- If Channel-1 is selected, the triangle icon points to '1'.



## SELECTING THE SCALE PLATFORM'S CHANNEL

To select the scale platform's channel, first turn off the scale base and wireless display units. Then use the dip switch, which is located on the bottom of the scale under the rubber stopper. The dip switch has four pins marked '1, 2, 3, 4' (Pin-4 is not active; only 3 channels are available for use.) To select a channel, move the pin toward the 'ON' mark (pictured below). For example- To select Channel-1 for the scale, move Pin-1 towards the 'ON' mark. Turn on the scale base first, then the wireless display for use.

The dip switch is on the bottom of the scale platform under the rubber stopper.




## USING THE TARE FUNCTION

The Tare Function allows the user to zero the scale to cancel out the weight of a container, thus giving the weight of the item being weighed.

- Press the ON/OFF button to turn on the scale.
- Place the container on the scale platform.
- Press the 'TARE' button after the weight stabilizes and stable sign displays.
- The display will reset to '0'.
- Place the item to be weighed on the platform (without removing the 'tared' container).

OR

Touch Free Tare Function: This scale is equipped with 'Photo eye mechanism' for a touch free 'TARE' function. Simply pass your hand over the 'Photo eye' sensor and the scale will tare the weight.

- Place the container to be tared on the scale platform.
- Pass your hand over the  sign on the indicator.
- The display will reset to '0'.
- Place the next item to be weighed on the scale platform.

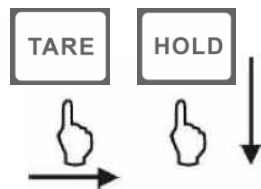
To reset the 'TARE' to zero, remove the tared container from the platform and press the 'TARE' button, or pass your hand over the



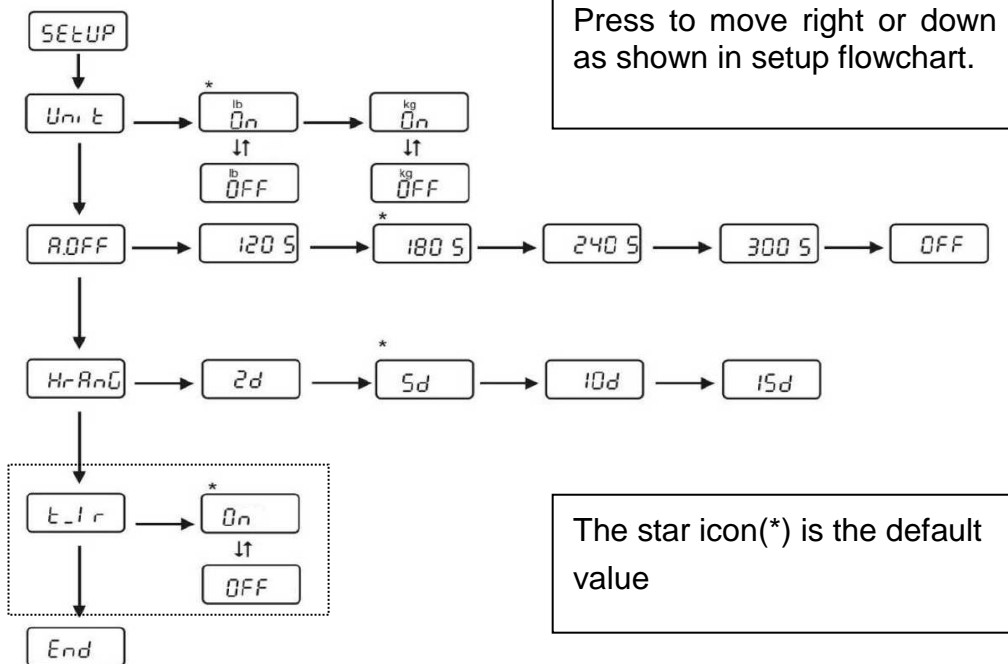
sign.

## ACTIVATING DEACTIVATING TOUCH LESS TARE FEATURE

To enter Set-Up mode press and hold TARE key for 3 seconds.



Press to move right or down as shown in setup flowchart.



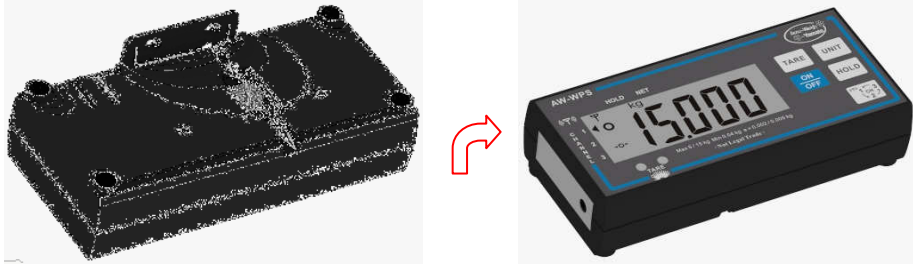
## FUNCTION SETTINGS

Function	Description	Default
Unit	(Units): lb , kg	lb On
A.OFF	(Auto off Time): 120 sec/ 180 sec/ 240 sec/ 300 sec/ OFF	180 S
Hr RnG	(Hold range): 2d/ 5d/ 10d/ 15d	5d
t_l r	(Touch less feature): on , off	On
End	To confirm the settings and end the procedure	

## TABLE-TOP STAND AND WALL MOUNTS

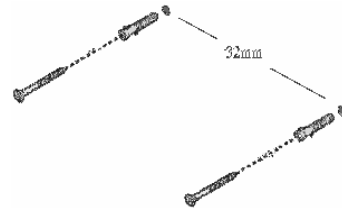
You may stand the scale platform on a table. Adjust the angle of the wireless display for easy viewing.

Table top display:

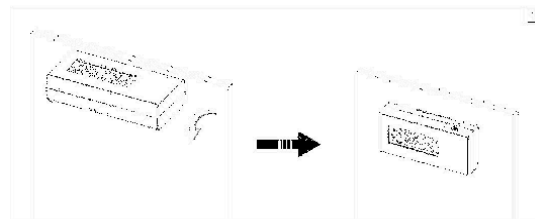
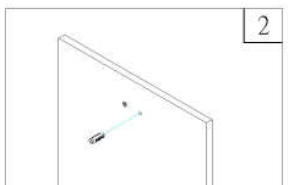
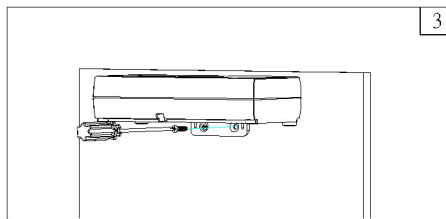
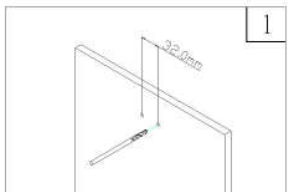


Wall display:

The wireless display may be mounted to a wall. Use the mounting material included.



1. Screw the screws to the wall as shown.
2. Push the wireless display onto the well.



## POWER SOURCES

If Lo displays on the LCD, please use the included

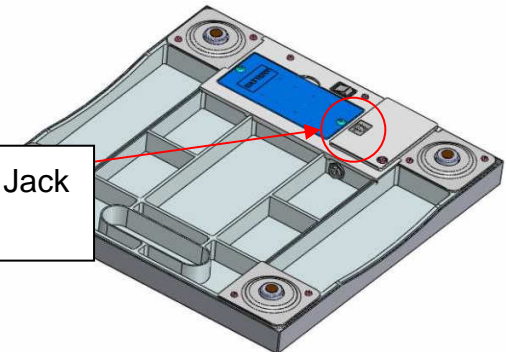
Taylor adapters or replace the batteries.

Insert an adapter into the bottom of the wireless display and the scale base.

Indicator - AC Jack Connector



Weighing Platform-AC Jack Connector



This scale's weighing platform and wireless display require separate electric power. Before using the scale, please make sure that both the scale base and wireless display have batteries correctly installed or both adapters correctly plugged in.

The scale base uses 6 AAA batteries and the wireless display uses 4 AAA batteries (batteries not included), or the units use a 120V AC adapter each (2 adapters included).

## ERROR MESSAGES

Message	Description
Lo	Low battery indicator for wireless display: This warning indicates the batteries for the wireless display are low. Please replace all the batteries or use the AC adapter for operation.
Lo d	Low battery indicator for scale base: This warning indicates the batteries for the scale base are low. Please replace all batteries or use the AC adapter for operation.
ErrE	EEPROM error for wireless display: The programming for the wireless display has an error. Please contact customer service.
ErrEd	EEPROM error for scale base: The programming for the scale base has an error. Please contact customer service.
Err	Overload or counting error (too high): The weight or count capacity is over the limit. Please reduce the weight/count and try again.
ErrL	Overload or counting error (too low): The weight or count capacity is under the limit. Please increase the weight/count capacity and try again.

## FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

### Transmission Collision

Signals from other household devices, such as doorbells, home security systems and entry controls, may interfere. This is normal and does not affect the general performance of this product. The transmission will resume once the interference recedes.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Modifications not authorized by the manufacturer may void users authority to operate this device.

FCC ID: YKFRF2500



## ROHS COMPLIANCE

EU Directive 2011/65/EU restrict the use of the 6 substances below in the manufacture of specified types of electrical equipment.

- The product does not contain any of the restricted substances in concentrations and applications banned by the directive;
- and for components, the product is capable of being worked on at higher temperatures required by lead-free soldering.

The restricted substances and maximum allowed concentrations in the homogenous material are, by weight:

<b>Substance</b>	<b>Concentration</b>
Lead	0.1%
Mercury	0.1%
PBB (Polybrominated Biphenyls)	0.1%
PBDE (Polybrominated Diphenyl Ethers)	0.1%
Hexavalant Chromium	0.1%
Cadmium	0.01%



### **YAMATO CORPORATION**

1775 S, Murray Blvd.

Colorado Springs, Co 80916 USA

Tel (719) 591-1500 Fax (719) 591-1045

### **YAMATO TECH CORPORATION**

#112-194525 Langley By-Pass

Surrey, B.C. V3S 6K1 Canada

Tel(604) 533-2338 Fax(604) 533-0827

