

# Hamilton Beach®

## INSTRUCTIONS

**HB20P7PDB**

**HB20P7PDS**

**HB20P7PDW**



**ESSENTIAL**

## Digital Microwave

20L Capacity

 [www.hamiltonbeach.co.uk](http://www.hamiltonbeach.co.uk)

FOR DOMESTIC USE ONLY.

# THANK YOU

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For purchasing the Hamilton Beach Essential 20L Digital Microwave



## REGISTER YOUR PURCHASE



[www.hamiltonbeach.co.uk/registermywarranty](http://www.hamiltonbeach.co.uk/registermywarranty)



Scan QR code using mobile device

## WARRANTY REGISTRATION

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Thank you for choosing Hamilton Beach for your home appliances. As part of our commitment to quality, your appliance is covered by a 2-year warranty. To ensure that you enjoy the full benefits of this warranty, we encourage you to register your product after purchase.

### Why Register Your Warranty?

- Stay updated: Receive important information about your product.
- Quick assistance: In case you need to contact us in the future, we can help you faster.
- Receive product news, offers and competitions.

### How to Register Your Warranty:

To register your product warranty, please gather the following information and scan the QR code above.

- Model number of your appliance.
- Details of your place of purchase.
- Your contact details.

**Warranty MUST be registered within 30 days of purchase. Any warranty registered after 30 days will be void.**

**Please Note: We only accept warranty registrations for products purchased in the UK.**

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## SPECIFICATIONS

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Power Consumption:	220-240V~ ,50-60Hz
Power:	700W
Capacity:	20 Litres
Product Dimensions (cm):	26.4 (H) x 45.6 (W) x 32.6 (L)
Net Weight:	Approx. 11.1 kg

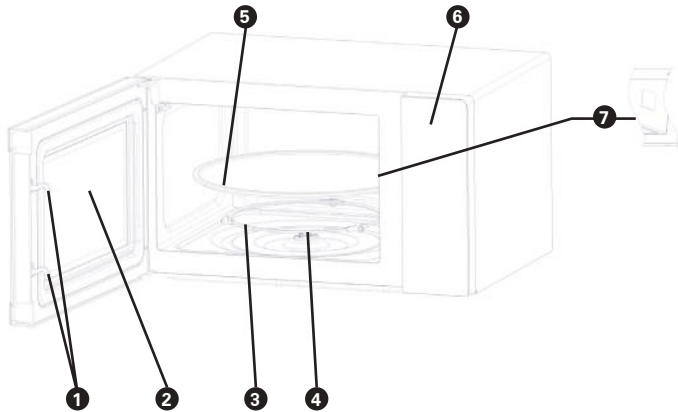
# IMPORTANT SAFEGUARDS

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**The use of any electrical appliance requires the following common sense safety rules. Please read these instructions carefully before using the product.**

- **WARNING:** If the door or door seals are damaged, do not operate the oven until it has been repaired by a trained professional or contact Hamilton Beach Customer Services for assistance.
  - **WARNING:** Only a trained person should carry out service or repair operations involving the removal of covers providing protection against exposure to microwave energy.
  - **WARNING:** Liquids or sealed containers must not be heated as they may explode.
  - **WARNING:** Misuse of this appliance may result in injury.
1. Use only utensils suitable for microwave ovens.
  2. Metallic containers are not allowed during microwave cooking.
  3. When heating food in plastic or paper containers, monitor the oven to prevent ignition.
  4. The microwave is for heating food and beverages; avoid drying clothing or heating non-food items.
  5. In case of smoke, switch off or unplug the appliance, keeping the door closed to stifle flames.
  6. Stir or shake the contents of baby bottles and food jars, checking the temperature before consumption.
  7. Avoid heating eggs in their shells, as they may explode.
  8. Keep the oven clean to prevent deterioration and potential hazards.
  9. Do not place the appliance in a cabinet.
  10. Take care not to displace the turntable when removing containers.
  11. Do not clean the appliance with a steam cleaner.
  12. Install the appliance below 900 mm above the floor, leaving a minimum of 100 mm free space above.
  13. Adult supervision is required when children use the oven in combination mode due to generated temperatures.
  14. If the supply cord is damaged, replace it with assistance from the manufacturer or a qualified person.
  15. This appliance is suitable for use by children aged 8 years and above under adult supervision.
  16. Children should not play with the appliance; cleaning and user maintenance should not be done by unsupervised children.
  17. Allow the glass plate to cool for 20 minutes before placing it in water to avoid cracking.
  18. Group 2 Class B appliance: Suitable for domestic use and low voltage power supply networks.
  19. The internal LED light emits less than 60lm.
  20. The product automatically enters standby mode after use, with standby power less than 0.8W.



### Product Features:

- 1 Door Lock:**  
Microwave oven door must be properly closed in order for it to operate.
- 2 Viewing Window:**  
Allows user to see the cooking status.
- 3 Rotating Ring:**  
The glass turntable is supported and balanced by the rings wheels.
- 4 Rotating Axis:**  
The glass turntable rotates on its axis, driven by the underlying motor.
- 5 Turntable:**  
The food sits on the turntable, its rotation during operation helps cook food evenly.



### CAUTION:

- Place the rotating ring first
- Fit the turntable onto the rotating axis and make sure that it is geared in properly.

- 6 Control Panel:**  
See below in details (the control panel is subject to change)

- 7 Wave guide Cover:**  
It is inside the microwave oven, next to the wall of the control panel.



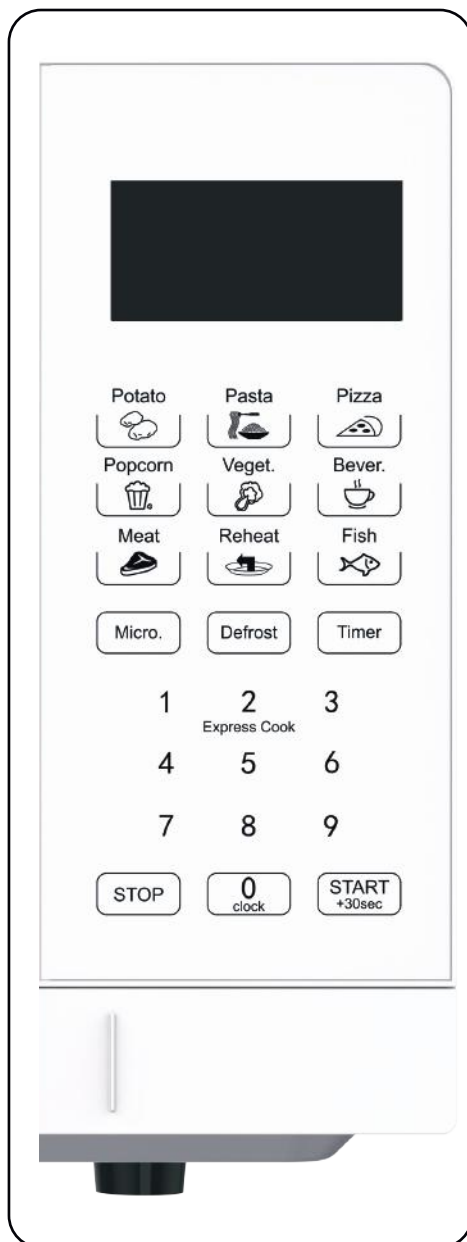
### WARNING:

- Never remove the wave guide cover.

## CONTROL PANEL

### Before first use:

1. Remove all packaging and safely remove any film covering the oven before use. Inspect for any damage, and if found, promptly notify the dealer or contact the manufacturer's service centre.
2. Place the microwave oven in a dry, non-corrosive environment, away from heat sources and humidity, such as gas burners or water tanks.
3. Ensure adequate ventilation by maintaining a minimum distance of 10cm from the back to the wall, 5cm from the sides to the wall, and at least 20cm of free space above the top surface. The microwave should also be positioned at least 85 cm above the ground.
4. Position the oven away from TVs, radios, or antennas to prevent picture disturbance or noise, maintaining a distance of more than 5m.
5. Place the appliance so that the plug is accessible and ensure proper grounding to prevent electric shock in case of leakage, forming a ground loop.
6. Operate the microwave oven with the door closed at all times.
7. Do not place the microwave oven in a cabinet; it is intended for free-standing use.
8. Due to manufacturing residue or oil on the oven cavity or heat element, there may be an initial odour or slight smoke during the first few uses. This is normal and can be alleviated by placing a cup of water in the cavity, setting it at high power, and operating it several times with the door or window open for good ventilation.



## 1. Before Cooking

The display lights up when plugged in power supply, then enter the standby state and display shows 1:00.

## 2. Microwave Function

There are ten microwave power levels, ranging from 100% to 10%. Press the 'Micro.' button continuously to select the desired power level. Input the cooking time using the 0~9 number buttons; the maximum time is 99:99. After entering the cooking time, press the 'START/+30s' button to initiate the operation. A buzzer will sound to indicate the completion of the cooking cycle.

<b>HIGH</b>	90-100% Power Output	Great for quick & thorough cooking
<b>M.HIGH</b>	70-80% Power Output	Great for medium express cooking
<b>MED</b>	50-60% Power Output	Great for quick steaming food
<b>M.LOW</b>	30-40% Power Output	Great for defrosting food
<b>LOW</b>	10-20% Power Output	Great for keeping food warm



### **CAUTION!**

- The max time which can be set is 99 minutes and 99 seconds.
- Never use the grill rack during microwave cooking.
- Never operate the oven empty.
- At the maximum microwave power, the oven will automatically lower the power after a certain time of cooking to lengthen the service life.
- If you turn the food during operation, press the START/+30s button once and the pre-set cooking procedure will continue.
- If you intend to remove the food before the pre-set time, you must press STOP button once to clear the pre-set procedure to avoid unintended operation of next time use.

# CONTROL PANEL

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## 3. Defrost

There are two defrost modes, dEF1 and dEF2, respectively. dEF1 is for defrosting by weight, and dEF2 is for defrosting by time. Press the 'Defrost' button to select either defrosting by weight or time, and the display screen will show "dEF1" or "dEF2". Input the food weight or defrosting time using the 0~9 number buttons.

The weight range for dEF1 is 100 to 1500g, and the maximum time for dEF2 is 99:99. After inputting, press the 'START/+30s' button to begin the process.

A buzzer will sound upon completion of the operation. The dEF1 defrost mode by weight will beep to prompt turning the food over during defrosting.

Below are some recommendations for food defrosting times:

<b>dEF1: For defrosting, the weight ranges from 100 to 1500g</b>
<b>dEF2: For defrosting, the maximum time is 99:99</b>

- a. It is necessary to turn over the food during operation to obtain uniform effect.
- b. Usually defrosting will need longer time than that of cooking the food.
- c. If the food can be cut by knife, the defrosting process can be considered completed.
- d. Microwave penetrates around 4cm into most food.
- e. Defrosted food should be consumed as soon as possible, it is not advised to refreeze.

## 4. Auto Cooking

There are eight automatic menus: potato, pasta, pizza, popcorn, vegetable, beverage, meat, and fish. Choose the desired menu and press the corresponding button continuously to select the preferred food weight; the display will show the corresponding weight. After selecting the cooking weight, press the 'START/+30s' button to initiate the process. A buzzing sound will indicate the completion of the operation.



Display	Kind	Method
A.1	Potato	The optional weights are 250g, 500g & 750g
A.2	Pasta	The optional weights are 50g, 100g & 150g
A.3	Pizza	The optional weights are 200g & 400g
A.4	Popcorn	The optional weight is 100g
A.5	Vegetables	The optional weights are 200g, 400g & 600g
A.6	Beverage	The optional weights are 1-3 cups -each one approx 250ml
A.7	Meat	The optional weights are 200g, 400g & 600g
A.8	Fish	The optional weights are 200g, 400g & 600g

**CAUTION!**

- a. The temperature of food before cooking would be 20-25°C. Higher or lower temperature of the food before cooking would require increase or decrease of cooking time.
- b. The temperature, weight and shape of food will largely influence the cooking effect. If any deviation has been found to the factor noted on above menu, you can adjust the cooking time for best result.

**5. Timer**

While in standby mode, press this button to access the setting interface, where the countdown function icon and "0:00" will appear on the display screen. Use the 0 ~ 9 number buttons to input the time, with a maximum limit of 99:99. Once the time is set, press the 'START/+30s' button to initiate the countdown. A buzzing sound will signal the completion of the countdown.

**6. Reheat**

The Reheat function is designed to simplify the process of heating food based on its weight. Press the "Reheat" button repeatedly to choose the appropriate food weight from the options of 200g, 400g, 600g, 800g, and 1000g. After selecting the weight, press the "START/+30s" button to commence the operation, and a buzzing sound will signal the completion of the process.

# USING YOUR APPLIANCE

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## 7. Express Cook

7.1 In standby mode, you can directly press the 1~6 number buttons to start the microwave oven. The working time is 1~6 minutes, that is, press 1 to work for 1 minute, press 2 to work for 2 minutes, and so on. After select the time, press "START/+30s" button to start work, an buzzing sound to notify completion of the operation.

7.2 In standby mode, after putting food in and closing the door, press the "START/+30s" button to start the microwave quickly. The default working time is 30 seconds. In the working process, press the "START/+30s" button once for 30 seconds. An buzzing sound to notify completion of the operation.

## 8. 0/Clock

The clock function and "0" button are combined in one button. The clock is 24-hour system. The operation of the clock function is as follows:

In standby mode, press and hold down the "0/Clock" button for more than 3 seconds to enter the clock setting interface, press the 0 ~ 9 number buttons to input the clock time directly and press the "START/+30s" button to confirm the specified time and exit the clock setting mode.

## 9. Stop

In the process of cooking settings, can press "STOP" button to cancel the settings and return to standby state. In the process of microwave oven working, can press "STOP" button to pause. In the standby state, can press "STOP" button again to cancel the function and return to standby state.

## 10. START/+30s

After setting the cooking time or food weight, press "START/+30s" button to start microwave oven immediately. In working state, can press "START/+30s" button to increase time, press one time to increase 30 seconds, but the menu mode and weight defrosting mode cannot adjust time. In pause state, can press "START/+30s" button to continue the microwave oven before cooking mode.

## 11. Child Lock Function

Use this feature to lock the control panel when you are cleaning or so that children cannot use the oven unsupervised. All the buttons are rendered inoperable in this mode.

- 1) Set lock: Hold STOP button about 3 seconds.
- 2) Cancel lock: Hold STOP button about 3 seconds.

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## UTENSILS GUIDE

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It is highly advised to use containers that are safe and suitable for microwave cooking. Typically, containers made of heat-resistant ceramic, glass, or plastic are appropriate for microwave use. Avoid using metal containers for microwave and combination cooking to prevent sparks. Please refer to the table below for guidance.

Material of Container	Microwave	Notes
Heat-Resistant Ceramic	Yes	Never use ceramics which are decorated with a metal rim or glazed.
Heat-Resistant Plastic	Yes	Not suitable for prolonged microwave cooking.
Heat-Resistant Glass	Yes	Suitable for microwave cooking.
Grill Rack	No	Never use metal when microwave cooking.
Plastic Film	Yes	Do not use plastic film in the microwave as it may melt, release harmful chemicals, and pose a risk of contaminating the food.

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## COOKING TIPS

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The following factors may affect the cooking result:

### Food Arrangement:

Arrange thicker sections towards the dish's outer edges, thinner parts in the centre and ensure even spreading; overcooking may lead to smoke and burns.

### Cooking Time:

Begin cooking with a brief time setting, assess it after the timer expires, and extend it based on actual requirements. Overcooking may lead to smoke and burns.

### Cooking Food Evenly:

Food such as meats should be turned once during cooking. Depending on the type of food, if applicable, stir it from the outside to the centre of the dish once or twice during cooking.

## COOKING TIPS

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### **Allow Standing Time:**

Allow the food to remain in the oven for a sufficient duration after the cooking time elapses to complete its cooking cycle and facilitate a gradual cooling process.

### **Whether The Food Is Done:**

1. The colour and firmness of the food aid in determining its oneness; these factors include:
2. Steam coming out from all parts of food, not just the edge
3. Joints of poultry can be moved easily
4. Pork or poultry shows no signs of blood
5. Fish is opaque and can be sliced easily with a fork

### **Browning Dish:**

When using a browning dish or a self-heating container, always place a heat-resistant insulator such as a porcelain plate under it to prevent damage to the turntable and rotating ring.

### **Microwave Safe Plastic Film:**

If you are using a microwave safe plastic film specifically designed for microwave use, then ensure that when cooking food with a high fat content - do not allow the film to come into contact with the food as it may melt, due to the high temperature of the fat.

### **Microwave Safe Plastic Cookware:**

Certain plastic cookware labelled as microwave-safe may not be suitable for cooking high-fat or high-sugar content foods. Refrain from using plastic cookware for extended periods of microwave cooking.

1. Turn off the oven and unplug it from the wall socket before cleaning.
2. Maintain the cleanliness of the oven interior by wiping off food splatters or spilled liquids with a damp cloth. If necessary, use a mild detergent for thorough cleaning. Avoid harsh cleaners, sprays, or substances that may stain, streak, or dull the door surface.
3. Clean the exterior surfaces with a damp cloth, taking care to prevent water from entering ventilation openings and causing damage to internal operating parts.
4. Regularly wipe the door, window on both sides, door seals, and adjacent parts with a damp cloth to remove spills or splatters. Avoid abrasive cleaners.
5. DO NOT use a steam cleaner to clean the microwave oven.
6. Keep the control panel dry; clean it with a soft, damp cloth. When cleaning the control panel, leave the oven door open to prevent accidental activation.
7. If steam accumulates inside or around the outside of the oven door, wipe it away with a soft cloth. This may happen during high humidity conditions while operating the microwave oven, and it is considered normal.
8. Occasionally, it may be necessary to remove the glass tray for cleaning. Hand wash the tray in warm soapy water or place it in a dishwasher.
9. Regularly clean the roller ring and oven floor to prevent excessive noise. Wipe the bottom surface of the oven with mild detergent. The roller ring can be washed in mild soapy water or a dishwasher. When removing the roller ring for cleaning, ensure it is replaced in the correct position.
10. Eliminate odours from your oven by microwaving a bowl containing a cup of water with the juice and skin of one lemon for 5 minutes. Remove the bowl and wipe it dry thoroughly with a soft cloth.
11. If you need to replace the microwave oven light, please consult a professional to have it replaced.
12. Ensure regular cleaning of the oven, removing any food deposits. Failure to maintain a clean oven may lead to surface deterioration, negatively impacting the appliance's lifespan and potentially causing hazardous situations.
13. Do not dispose of this appliance with your general waste; take it to a local appliance recycling point.

# TROUBLESHOOTING

Please check the following before contacting customer services;

If the oven fails to operate:

- 1. Check to ensure that the oven is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds, and plug it in again securely.
- 2. Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
- 3. Check to ensure that the control panel is programmed correctly and the timer is set.
- 4. Check to ensure that the door is securely closed engaging the door safety lock system. Otherwise, the microwave energy will not flow into the oven.

If none of the solutions above resolves the issue, please reach out to our Customer Services Team. Do not attempt to adjust or repair the microwave oven yourself.


# DISPOSING OF THE APPLIANCE

Appliances bearing the symbol shown here may not be disposed of in domestic rubbish. You are required to dispose of old electrical and electronic appliances like this separately.

Please visit [www.recycle-more.co.uk](http://www.recycle-more.co.uk) or [www.recyclenow.co.uk](http://www.recyclenow.co.uk) for access to information about the recycling of electrical items.

Please visit [www.weeeireland.ie](http://www.weeeireland.ie) for access to information about the recycling of electrical items purchased in Ireland.

The WEEE directive, introduced in August 2006, states that all electrical items must be recycled, rather than taken to landfill. Please arrange to take this appliance to your local Civic Amenity site for recycling, once it has reached the end of its life.

Correct Disposal of this Product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.</p> <p>To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>

## CUSTOMER SUPPORT

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If you have any questions or concerns about your new product, please contact our helpful Customer Support Team. Please have your Model No. available. This can be found on the front cover of this instruction manual and on the appliance's rating label.

### ***We're here to help!***



**01274 752624**



**customerservice@hamiltonbeach.co.uk**

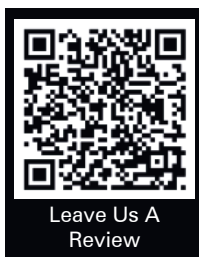


**www.hamiltonbeach.co.uk**

You can also visit our website for convenient live chat assistance.

### ***Happy with your new product?***

We would love to hear about your experience. Scan the QR code below to share your feedback.



## GUARANTEE & SERVICE

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Register your purchase

[www.hamiltonbeach.co.uk/registermywarranty](http://www.hamiltonbeach.co.uk/registermywarranty)

Scan QR code using mobile device



To make a warranty claim, do not return this appliance to the store.

Please call **01274 752624** or email **customerservice@hamiltonbeach.co.uk**. For faster service, locate the model number on the rating label on your appliance. Alternatively, **please scan the QR code above** to be directed to our warranty registration page.

This product is covered by a 2 year warranty, please read the guarantee and service carefully and keep for future use.

**Please Note: To maintain the validity of the warranty, it is imperative to register it within the initial 30 days of purchase. Any registration made beyond this time frame will result in the warranty being deemed void.**

This warranty is valid for products purchased and used in the UK and serves as the sole express warranty for the product, replacing any other warranty or condition. The product is guaranteed to be free from defects in material and workmanship for a specified period from the original purchase date. The warranty covers repair or replacement of defective components, with the responsibility for return shipping costs falling on the customer. If the original product or component is unavailable, a replacement of equal or greater value will be provided.

Exclusions to this warranty include glass, filters, normal wear, improper use, accidents, alterations, abuse, or misuse. The warranty is applicable only to the original consumer purchaser or gift recipient, requiring proof of purchase for warranty claims. It becomes void if the product is used for purposes other than single-family household use or operated outside specified voltage and waveform requirements. The warranty disclaims all claims for special, incidental, and consequential damages, limiting liability to the purchase price. Every implied warranty, except where prohibited by law, is disclaimed, and any statutory warranty or condition is limited to the duration of this written warranty.

The user manual can also be downloaded from our website:

**[www.hamiltonbeach.co.uk](http://www.hamiltonbeach.co.uk)**



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Illustrations may differ from actual product. We are consistently striving to improve our products, therefore all specifications contained herein are subject to change without notice.

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