

## Panasonic EW-DC12

# Panasonic EW-DC12 Sonic Vibration Electric Toothbrush User Manual

Model: EW-DC12

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Panasonic EW-DC12 Sonic Vibration Electric Toothbrush. Please read these instructions thoroughly before first use and retain them for future reference.

The Panasonic EW-DC12 is designed for comprehensive oral hygiene, specifically targeting delicate cleaning and care of periodontal pockets. It combines extra-fine bristles, high-speed sonic vibrations, and horizontal brush movement for effective plaque and bacteria removal.

## 2. SAFETY INFORMATION

### Important Safety Precautions:

- Do not allow young children to use or swallow any part of the toothbrush. This product is intended for adult use.
- Keep the device away from water sources when charging.
- Do not disassemble or attempt to repair the device yourself. Contact authorized service personnel for repairs.
- Ensure the charging unit is placed on a stable, dry surface.
- If you experience any pain or discomfort during use, discontinue use and consult a dental professional.

## 3. PRODUCT OVERVIEW

The Panasonic EW-DC12 Sonic Vibration Electric Toothbrush is engineered for superior oral care. Its key features include:

- **Extra-Fine Bristles:** Designed to reach an optimal depth of 3 mm into periodontal pockets for thorough cleaning.

- **Advanced Linear Motor:** Generates high-speed sonic vibrations, approximately 31,000 strokes per minute, for powerful yet gentle cleaning.
- **Horizontal Brush Movement:** This unique movement pattern effectively removes plaque and bacteria from the gumline and periodontal pockets.
- **Three Brushing Modes:**
  - **REGULAR Mode:** For daily deep cleaning with power control technology to prevent excessive brushing.
  - **SOFT Mode:** A gentler cleaning option.
  - **SENSITIVE Mode:** Provides very gentle cleaning, ideal for sensitive gums.
- **Brushing Timer:** Helps ensure you brush for the dentist-recommended duration.



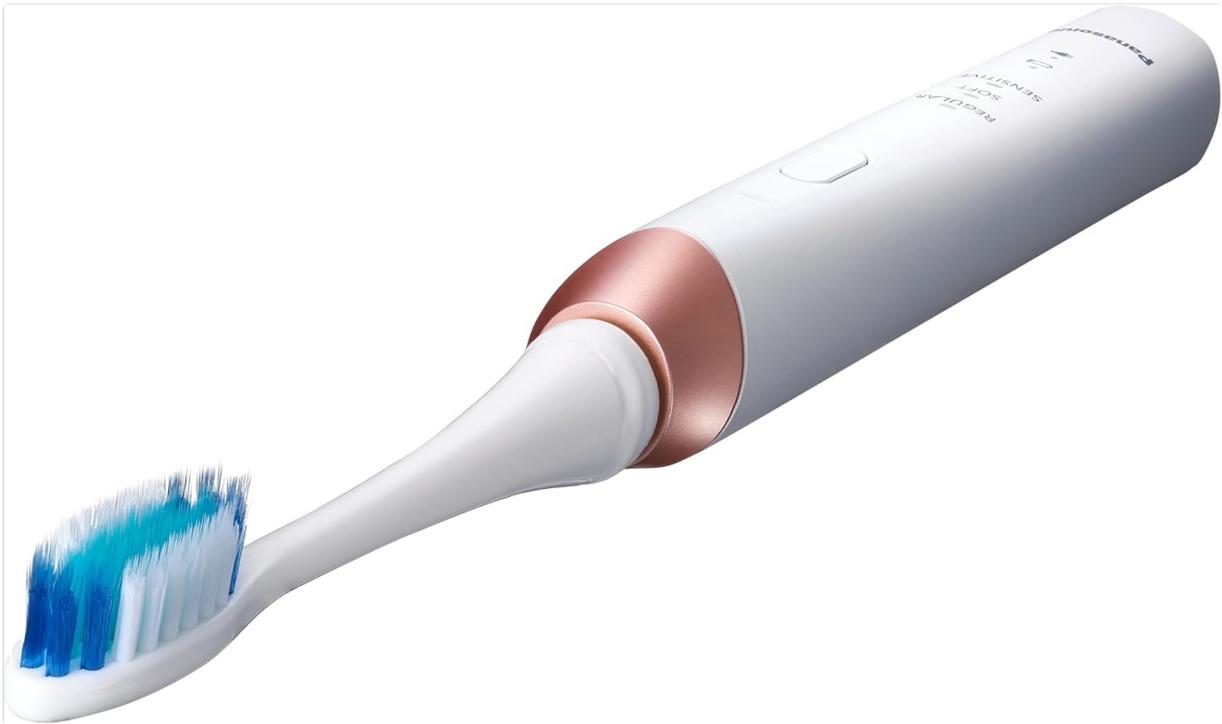
Figure 1: Panasonic EW-DC12 Electric Toothbrush with its charging base.

## 4. SETUP

### 4.1 Initial Charging

1. Place the toothbrush handle onto the charging base.
2. Connect the charging base to a power outlet.

3. The charging indicator light will illuminate, indicating that the toothbrush is charging.
4. Allow the toothbrush to charge for approximately 17 hours for a full charge before first use. A full charge provides approximately 90 minutes of operating time.



*Figure 2: The toothbrush placed on its charging base.*

#### **4.2 Attaching the Brush Head**

- Align the brush head with the shaft of the toothbrush handle.
- Push the brush head down firmly until it clicks into place. Ensure it is securely attached.





Figure 3: Close-up of the brush head, showing the extra-fine bristles.

## 5. OPERATING INSTRUCTIONS

### 5.1 Brushing Your Teeth

1. Wet the brush head and apply a small amount of toothpaste.
2. Place the brush head against your teeth at a slight angle towards the gumline.
3. Press the power button to turn on the toothbrush. The last used mode will activate.
4. To change modes, press the power button again immediately after turning it on. Each press cycles through REGULAR, SOFT, and SENSITIVE modes. The active mode is indicated by an illuminated LED.
5. Gently guide the brush head slowly across each tooth, allowing the sonic vibrations and horizontal movement to clean. Do not scrub vigorously.

6. The built-in timer will signal when to move to a different quadrant of your mouth, ensuring a complete cleaning cycle.
7. After brushing, press and hold the power button to turn off the toothbrush.



*Figure 4: Proper technique for using the electric toothbrush.*

## 5.2 Mode Selection

- **REGULAR:** Standard cleaning for everyday use.
- **SOFT:** For a gentler brushing experience.
- **SENSITIVE:** Recommended for users with sensitive gums or during initial adaptation to sonic brushing.

## 6. MAINTENANCE

### 6.1 Cleaning the Toothbrush

1. After each use, rinse the brush head thoroughly under running water while the toothbrush is still on to remove toothpaste residue.
2. Turn off the toothbrush and remove the brush head.
3. Rinse both the brush head and the handle separately under running water.

4. Wipe the handle with a soft cloth to dry it.
5. Allow the brush head to air dry before reattaching or storing.

## 6.2 Replacing the Brush Head

Dental professionals recommend replacing your toothbrush head every three months, or sooner if the bristles become frayed. Worn bristles are less effective at cleaning.

- To remove, firmly pull the brush head straight off the handle.
- To attach a new brush head, align it and push down until it clicks into place.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	EW-DC12-W503
Brand	Panasonic
Power Source	Battery Powered (1 Lithium-ion battery included)
Charging Time	Approx. 17 hours for full charge
Operating Time	Approx. 90 minutes (based on 2-minute brushing, 3 times a day, lasts about 3 weeks)
Vibration Speed	Approx. 31,000 strokes/minute
Brushing Modes	Regular, Soft, Sensitive
Special Features	Brushing Timer, Power Control Technology
Bristle Firmness	Soft (Extra-fine bristles)
Dimensions (L x W x H)	2.7 x 2.5 x 23.2 cm
Weight	100 grams
Color	White
Country of Origin	China

## 8. TROUBLESHOOTING

If you encounter issues with your Panasonic EW-DC12 toothbrush, please refer to the following common solutions:

- **Toothbrush does not turn on:**
  - Ensure the battery is charged. Place the toothbrush on the charging base for the recommended charging time.
  - Verify the charging base is properly connected to a working power outlet.
- **Reduced vibration intensity:**
  - The battery might be low. Recharge the toothbrush.

- The brush head might be worn out. Replace it with a new one.
- Ensure the brush head is securely attached to the handle.
- **Toothbrush stops during use:**
  - The battery may be depleted. Recharge the toothbrush.
- **Unusual noise during operation:**
  - Ensure the brush head is correctly and securely attached.
  - If the noise persists after reattaching the brush head, contact customer support.

For issues not covered here, please refer to the warranty and support section.

## 9. WARRANTY AND SUPPORT

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Your Panasonic EW-DC12 Sonic Vibration Electric Toothbrush comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage details.

For technical support, service, or to inquire about replacement parts (such as brush heads), please contact Panasonic customer service through their official website or the contact information provided in your product documentation.

You can find more information and support resources on the official Panasonic website:

[www.panasonic.com](http://www.panasonic.com)