



Philips Sonicare  
ProtectiveClean 4500  
Sonic electric toothbrush

Built-in pressure sensor

2 cleaning modes  
1 x BrushSync feature  
Travel case



HX6827/11

## Healthier gums. Gently does it.

Improve gum health up to 100% more than a manual.

Feel the difference of a gentle clean with our Pressure Sensor while improving your gum health up to 100% more vs. a manual toothbrush.

### Proven to improve oral health

- Safe & gentle on sensitive areas, orthodontics & dental work
- Improves gum health by up to 100%\*

### Optimize your brushing

- Clean and gum care mode

### Innovative technology

- Connects smart brush handle and smart brush heads
- Lets you know when you're pressing too hard
- Dynamic cleaning action drives fluid between teeth

### Designed around you

- Always know when to replace your brush heads
- Encouragement to brush thoroughly
- Makes traveling easier for you

**PHILIPS**  
**sonicare**

# Highlights

## Improves gum health



Densely-packed, high-quality bristles give you an extra gentle brushing to remove plaque along the gumline to improve gum health up to 100% more than a manual toothbrush. And, the specially curved power tip makes reaching the teeth at the back of your mouth a breeze.

## Clean and gum care mode



Whether you want to focus on removing plaque or on getting your gums healthy and keeping them that way, this brush has a mode for you: Clean mode delivers superior cleaning, while Gum Care mode adds an extra minute of reduced-power brushing, so you can gently massage your gums.

## Safe and gentle



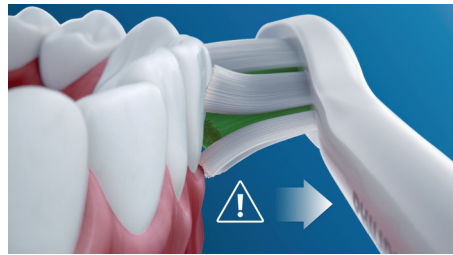
You can be sure of a safe brushing experience: our sonic technology is suitable for use with braces, fillings, crowns, and veneers, and helps prevent cavities and improve gum health.

## The only true sonic technology



Your Sonicare brush head and handle are the ultimate team. Enhancing our sonic technology, they give you unrivaled cleaning. High-speed vibrations in your toothbrush handle power up to 62,000 brush movements per minute that whip up your toothpaste into gentle cleaning bubbles, driving them deep between your teeth and along the gum line for exceptional cleaning.

## Too much pressure?



You may not notice if you're brushing too hard, but your toothbrush will. If you start taking it out on your gums, the toothbrush will make a pulsing sound as a reminder to ease off on the pressure.

## BrushSync technology



A microchip-enabled technology that detects and synchronizes the smart brush head with the smart handle. The smart handle and smart brush head pair is a powerful combination that enables Smart replacement reminders.

## BrushSync replacement reminder



All brush heads wear out over time. But our BrushSync technology tracks how long you've been using your brush head for, and how hard you've been brushing. When it's time to replace it, a light on your handle and a short beep will let you know. That way, you can be sure your brush head is doing a good job.

## Helpful timers



Our QuadPacer lets you know when you've spent just the right amount of time cleaning each part of your mouth, while our Smartimer tells you when you've brushed for the recommended two minutes.

## Handy travel case and charger



Our premium travel case lets you store your toothbrush hygienically, while our compact charging base keeps you topped up when you're on the go. You do get two weeks of regular use from a single full charge, but the charger's just the ticket for longer trips.

# Specifications

## Modes

- Clean: For exceptional everyday clean
- Gum Care: Gently massages gums

## Items included

- Handles: 1 ProtectiveClean
- Brush heads: 1 G2 Optimal Gum Care
- Travel case: 1
- Charger: 1

## Design and finishing

- Color: White and Mint

## Cleaning performance

- Speed: Up to 62000 brush movement/min
- Health benefits: Helps improve gum health, Helps reduce cavities
- Pressure feedback: Vibrates handle to alert user
- Timer: Smartimer and Quadpacer

## Smart sensor technology

- Pressure sensor: Alerts when brushing too hard
- BrushSync Replacement Reminder: Always know

when to, replace brush heads

## Ease of use

- Handle compatibility: Easy click-on brush heads
- Replacement reminder: To always ensure best results, reminder icon lights up
- Battery indicator: Light shows battery status
- Handle: Slim ergonomic design
- Brushing time: Up to 2 weeks

## Technical specifications

- Battery: Rechargeable
- Battery type: Lithium ION
- Operating time (full to empty): Up to 2 weeks

## Power

- Voltage: 110-220 V

## Service

- Warranty: 2-year limited warranty



Issue date 2018-07-03

Version: 12.0.1

EAN: 00 07502 00761 37

© 2018 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

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

\* than a manual toothbrush