

# PHILIPS

## sonicare

Sonic electric  
toothbrush

ProtectiveClean  
4500

Built-in pressure sensor

2 cleaning modes

1 x BrushSync feature



HX6836/24



## Whiter teeth. Gently does it.

Whitens teeth in just 1 week.

Feel the difference of a gentle clean with our Pressure Sensor while whitening your teeth in 1 week.

### Proven to improve oral health

- Safe & gentle on sensitive areas, orthodontics & dental work
- Whitens teeth in just one week

### Optimize your brushing

- Clean and white mode

### Innovative technology

- Philips Sonicare's advanced sonic technology
- Lets you know when you're pressing too hard
- Connects smart brush handle and smart brush heads
- Always know when to replace your brush heads

### Designed around you

- Encouragement to brush thoroughly

# Highlights

## Naturally whiter teeth



Click on the W DiamondClean brush head to remove surface stains and reveal a whiter smile. With its densely packed central stain-removal bristles, it's clinically proven to whiten teeth in just one week.

## Clean and white mode



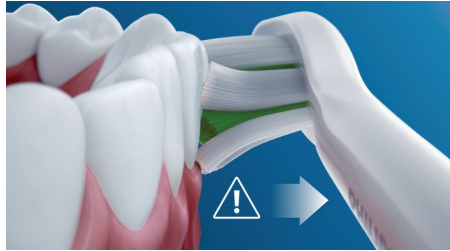
Whether you want to focus on removing plaque or on giving your teeth an extra good polishing, we've got you covered: Clean mode delivers superior cleaning, and White is ideal for removing surface stains.

## 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.

## 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.

## Philips Sonicare technology



Philips Sonicare's advanced sonic technology pulses water between teeth, and its brush strokes break up plaque and sweep it away for an exceptional daily clean.

# Specifications

## Modes

**Clean:** For exceptional everyday clean

**White:** Removes surface stains

## Items included

**Handle:** 1 ProtectiveClean

**Brush heads:** 1 W2 Optimal White

**Charger:** 1

## Design and finishing

**Color:** Pastel pink

## Cleaning performance

**Speed:** Up to 62000 brush movement/min

**Health benefits:** Helps reduce cavities

**Whitening benefits:** Whitens teeth in 1 week

**Pressure feedback:** Vibrates handle to alert user

**Timer:** SmartTimer 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

**Brush head recognition:** Syncs with optimal mode

**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

