

 **Norelco**

# MicroAction

SHAVING SYSTEM



4607/4605/4604/  
4603/4602/4601X

Rechargeable Cordless  
Razor



**PHILIPS**

# IMPORTANT SAFETY INSTRUCTIONS

When using an electric razor, basic precautions should always be followed, including the following:

**Read all instructions before using this appliance.**

---

## DANGER

**To reduce the risk of electric shock:**

1. Do not reach for a razor that has fallen into water. Unplug immediately.
  2. Do not use while bathing or in a shower.
  3. Do not place or store razor where it can fall or be pulled into a tub or sink. Do not place or drop into water or other liquid.
  4. Always unplug this razor from the electrical outlet immediately after using.
  5. Unplug this razor before cleaning.
- 

## WARNING

**To reduce the risk of burns, fire, electric shock, or injury to persons:**

1. Close supervision is necessary when this razor is used by, on, or near children or invalids.
2. Use this razor for its intended household use as described in this manual. Do not use attachments not recommended by Philips Electronics North America Corporation.
3. Never operate this razor if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the razor to an Authorized Norelco Service Location for examination and repair.
4. Keep the cord away from heated surfaces.
5. Never drop or insert any object into any opening.
6. Do not charge or plug in razor outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.

7. Do not use this razor with a damaged or broken comb, as facial injury may occur.
  8. Always attach plug to razor first, then to outlet. Be certain that plug is inserted firmly into razor, up to mark indicated on plug. To disconnect, turn razor off then remove plug from outlet.
  9. Never put the razor in direct sunlight or store in a pouch at a temperature above 140°F.
  10. To prevent possible damage to the cord, do not wrap cord around the razor.
- 

## **SAVE THESE INSTRUCTIONS**

### **IMPORTANT**

Your razor contains a NICKEL-CADMIUM RECHARGEABLE BATTERY. See Battery Removal instruction sheet for battery disposal information.



## 60 - DAY MONEY-BACK GUARANTEE

To enjoy the closest and most comfortable shave from your new Norelco Men's Razor, the razor should be used exclusively for 3 weeks. This allows your hair and skin enough time to adapt to the Norelco Shaving System. If, after that period of time, you are not fully satisfied with your Norelco Men's Razor, send the product back and we'll refund you the full purchase price.

**The razor must be shipped prepaid by insured mail, insurance prepaid, and have the sales slip, indicating purchase price and the date of purchase, enclosed.** The razor must be postmarked no later than 60 days after the date of purchase. Norelco reserves the right to verify the purchase price of the razor and limit refunds not to exceed suggested retail price.

Send dated sales slip, your complete name and address as indicated below, and the razor, prepaid to:

**Norelco Consumer Products Company**  
**A Division of Philips Electronics North America Corporation**  
**P.O. Box 1116**  
**Skokie, IL 60076**

Please allow 4-6 weeks for delivery of check. (Please Print)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone No. (\_\_\_\_) \_\_\_\_\_

AREA CODE

REASON FOR RETURNING: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## TABLE OF CONTENTS

FEATURES	2-3
INDICATIONS	4
CHARGING	4
PUT IT TO THE TEST & SHAVING TIPS	5
HOW TO SHAVE WITH AN ELECTRIC RAZOR	5
TRIMMING	6
CLEANING	6-9
ASSISTANCE	10
ACCESSORIES	10
BATTERY REMOVAL	10
WARRANTY	Back Cover

## FEATURES

Micro Action  
Shaving System

Razor Head Assembly

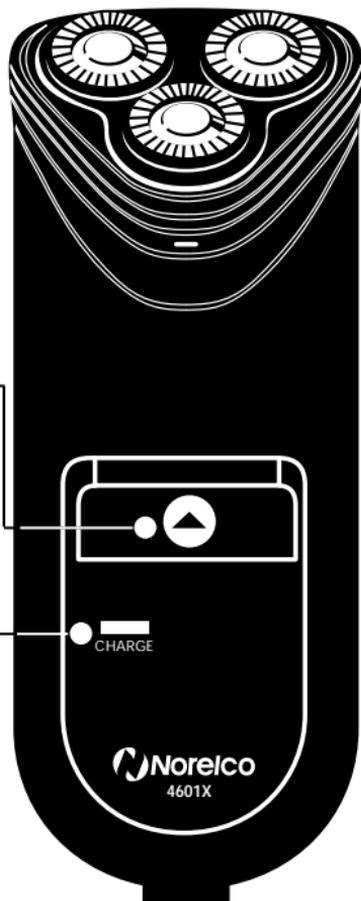
Protective Razor  
Head Cap

Hair Chamber captures  
shaven hair

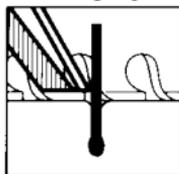
Locking ON/OFF Switch

LED Charging  
Indicator Light

Built-In Charger



How the Norelco  Lift and Cut® Patented  
Shaving System Makes Close Comfortable:



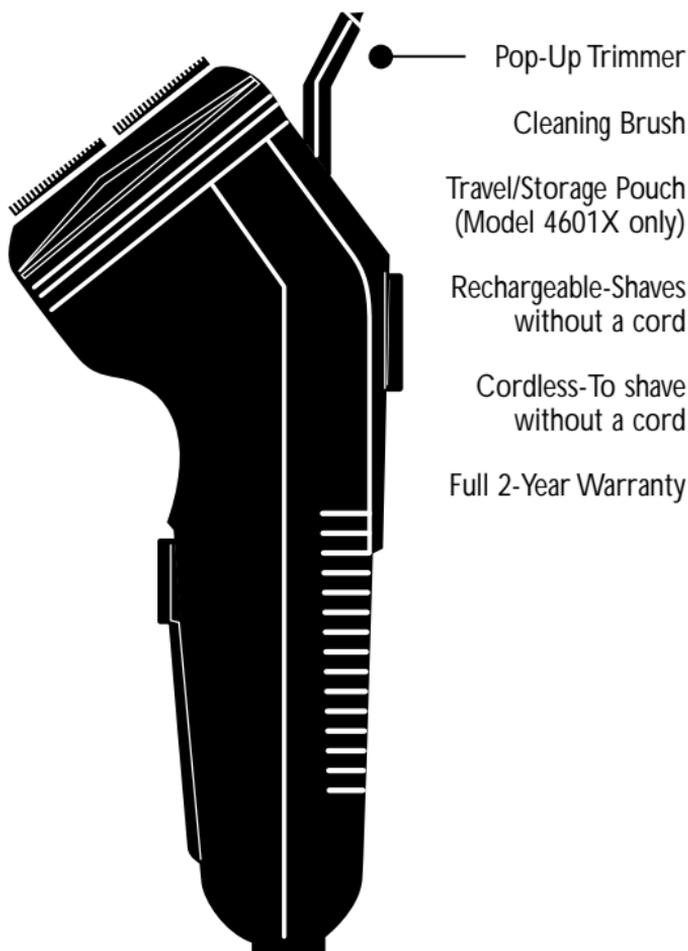
Groove channels beard  
closer to cutting system



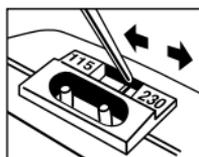
Lifter raises hair



Blade cuts hair which  
then drops below skin level



## Dual Voltage Selector



**NOTE:** The Voltage Selector on your razor makes it possible to charge/recharge razor on either 115 to 230V AC. Do not use with Direct Current (DC).

## INDICATIONS



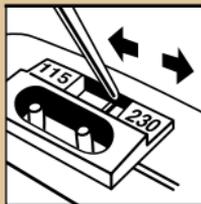
### ▶ LED Charging Indicator Light

The green LED Charging Indicator Light will light up to indicate razor is (re)charging.

CHARGE

## CHARGING

- ▶ Battery performance is best if you recharge only when the batteries are (almost) completely empty.
- ▶ Charging or recharging at temperatures below 40°F or higher than 95°F adversely affects lifetime of batteries.
- ▶ Continuously recharging will reduce life of batteries.
- ▶ If razor has not been used for at least 1 month, razor must be recharged for a full 24 hours.
- ▶ Do not charge razor in pouch (model 4601X only).



- 1 Before charging, set Voltage Selector to desired setting. To change voltage from 115V to 230V AC, slide switch found on bottom of razor to desired voltage.

- 2 Connect cord to razor. Plug into any 120V to 240V AC outlet. Use only the cord provided. The green Indicator Light lights up to indicate razor is (re) charging.

- ▶ An adaptor plug may be necessary for cord usage in some foreign countries.

- 3 First time charging and recharging after non-use for 1 month or more requires a full 24 hours.

- ▶ Recharging (after initial 24 hour charge) requires 16 hours.

## PUT IT TO THE TEST & SHAVING TIPS

- ▶ 21 Day Trial and Conversion process. It is a fact that your skin and beard need time to adjust to a new shaving system.
- ▶ Use your new razor exclusively for 3 weeks to fully enjoy the closeness of a Norelco shave.\*
- ▶ At first you may not get as close a shave as you expect, or your face may even become slightly irritated. This is normal since your beard and skin will need time to adjust. Invest 3 weeks and you'll soon experience the full joy of your new razor.  
\* Stick with it! If you alternate shaving methods during the adjustment period, it may make it more difficult to adapt to the Norelco shaving system.
- ▶ If you are still not convinced after 21 days, Norelco will refund you the full purchase price, guaranteed.

## HOW TO SHAVE WITH AN ELECTRIC RAZOR



- ▶ Shaving with dry skin gives the best results.
- 1 Turn razor ON by locking the switch to the "ON" position. Shave against the direction of beard growth using both straight and circular movements.
  - 2 Stretch your skin with your free hand so blades can lift and cut whiskers. Gently press razor to skin, so the floating heads can follow the contours of your face. DO NOT press too hard. Too much pressure can pinch the skin into combs.
  - 3 Turn razor OFF by locking the switch to the "OFF" position.
  - 4 Put the protective razor head cap on the razor to protect razor heads.
  - 5 Replace your Norelco Micro Action razor heads (model # HQ4) once a year for optimal shaving results.

## TRIMMING

### ► To groom sideburns and moustache:

1 Turn razor ON by locking the switch to the "ON" position.

2 Push up Trimmer Slide Switch.



3 Hold Trimmer as shown and move in downward strokes with gentle pressure.

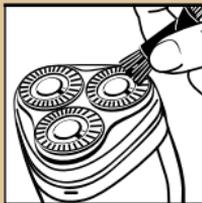
4 Close Trimmer by sliding Trimmer switch down.

5 Turn razor OFF by locking switch to the "OFF" position.

## CLEANING

### ► Once A Week: Razor

1 Turn razor OFF by locking switch to "OFF" position.



2 Clean the top of the razor with the supplied brush.



3 Remove Razor Head Assembly from the razor unit.

4 Brush the inside of housing and Razor Head Assembly.

5 Replace the Razor Head Assembly back on razor.

► **Every Two Months: Razor Heads**

1 Turn razor OFF by locking switch to "OFF" position and disconnect from outlet.



2 Remove Razor Head Assembly from housing unit.

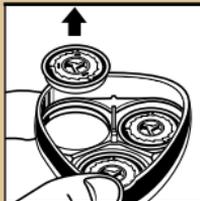
3 Brush the inside of the housing.

4 Turn Razor Head Assembly over so that the underside is exposed.



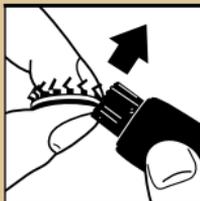
5 Press down and turn wheel of frame counterclockwise.

6 Remove the frame and brush clean.



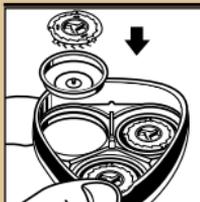
- 7** Remove and clean one cutter and head at a time.
- Be careful not to mix up cutters and heads. They are a matched set and if interchanged, it will greatly affect shaving performance.

- 8** Separate the cutter from the comb.



- 9** Only brush the cutter in an upward motion.  
Use the short bristled side of the brush.

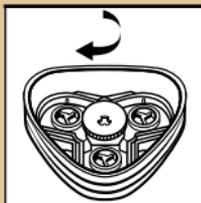
- 10** Brush the slots of the razor head.  
For optimum performance, razor cutters and combs should be cleaned in a degreasing liquid (e.g. Norelco Razor Cleaner, model RC1776, or alcohol) and lubricated with Norelco Razor Lubricant, model AL80, or one drop of mineral oil (in the center of the head).



- 11** Replace the cutter and razor head in the Head Assembly.

- 12** Repeat the process for the other two razor heads (cutters and combs).

- 13** Replace the frame.



- 14 Press down and turn the wheel clockwise until it locks into place.

- 15 Replace the Razor Head Assembly back on razor.

► **After Each Use: Trimmer**

- 1 Turn razor OFF by locking the switch to the "OFF" position.
- 2 Push Trimmer Slide Switch up to pop-up Trimmer.
- 3 Clean Trimmer with the brush every time you use it.
- 4 Lubricate the Trimmer teeth with Norelco Razor Lubricant (model AL80), or with one drop of mineral oil every 6 months.
- 5 Close Trimmer by sliding Trimmer switch down.

## ASSISTANCE

- ▶ For assistance or the Authorized Norelco Service Location nearest you, call toll free:

**1-800-243-3050**  
or visit our website: [www.norelco.com](http://www.norelco.com)

- ▶ Authorized Norelco Service Location information is available 24 hours a day, 7 days a week.

## ACCESSORIES

- ▶ **Replacement Heads**
  - **Model HQ4** - For maximum razor performance, replace your Norelco Micro Action razor heads once a year.
- ▶ **Razor Lubricant & Cleaners**
  - **RC1776** - Norelco Razor Cleaner
  - **AL80** - Norelco Razor Lubricant

Norelco Razor Accessories may be purchased at a store near you, an Authorized Norelco Service Location, by the order form enclosed or visit our website: [www.norelco.com](http://www.norelco.com)

## BATTERY REMOVAL

- ▶ This Norelco razor contains a rechargeable Nickel-Cadmium battery, which must be disposed of properly.
- ▶ Batteries should only be removed when razor is to be discarded.
- ▶ Refer to enclosed instruction sheet for directions on removing the rechargeable batteries.



## FULL TWO YEAR WARRANTY

Philips Electronics North America Corporation warrants each new Norelco Product, Model 4603/4602/4601X (except cutters and combs) against defects in materials or workmanship for a period of two years from the date of purchase, and agrees to repair or replace any defective product without charge.

**IMPORTANT:** This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachment not provided with the product or loss of parts or subjecting the product to any but the specified voltage.\* Use of unauthorized replacement parts will void this warranty.

**PHILIPS ELECTRONICS NORTH AMERICA CORPORATION WILL NOT PAY FOR WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE AND WILL NOT REIMBURSE THE CONSUMER FOR DAMAGE RESULTING FROM WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE. NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

In order to obtain warranty service, simply take or ship the product postage prepaid to the nearest Authorized Norelco Service Location. It is suggested that for your protection you return shipments of product by insured mail, insurance prepaid. Damage occurring during shipment is not covered by this warranty.

**NOTE:** No other warranty, written or oral, is authorized by Philips Electronics North America Corporation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion and limitations may not apply to you.

\* Read enclosed instructions carefully.

Manufactured for:

Norelco Consumer Products Company  
A Division of Philips Electronics North America Corporation  
1010 Washington Blvd., Stamford, CT 06912-0015



**MADE IN HOLLAND.**



This symbol on the product's nameplate means it is listed by Underwriters' Laboratories, Inc.

Norelco, Lift and Cut, Micro Action, and  are Registered Trademarks of Philips Electronics North America Corporation.



is a Trademark of Philips Electronics North America Corporation.

PHILIPS and Philips Shield are Registered Trademarks of Koninklijke Philips Electronics N.V.

© 2001 Philips Electronics North America Corporation. All Rights Reserved. Rev. 2 - 1/01

 **Norelco**<sup>®</sup>  
INGENIOUS MEN'S GROOMING SOLUTIONS

4222 001 89315