



## DUAL FREQUENCY ULTRASONIC TOOTHBRUSH

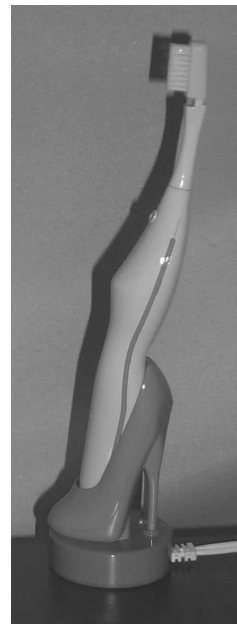
### USE AND CARE DIRECTIONS

**Model:** SU1000  
"Naked Shoe"  
Rechargeable Toothbrush

Replacement brush heads are available  
from your Ultrasonex retailer or by calling  
Sonex Consumer Service:

**1-800-934-7455**

or visit our website @  
**[www.ultrasonex.com](http://www.ultrasonex.com)** or  
**[www.sonexdental.com](http://www.sonexdental.com)**



**ULTRASONEX™**  
ORAL CARE SYSTEM

**SAVE THESE INSTRUCTIONS**



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P/N ?????  
Printed in China

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**Thank you for choosing the ULTRASONEX  
Oral Care System. You have chosen the most  
technologically advanced way to get that  
fresh from the dentist clean feeling everyday.**

**For questions and comments, please call  
Sonex Consumer Service Department at**

**1-800-934-7455**

### Specifications:

Charging Unit:  
model SU1000, 120 VAC., 50/60 Hz., 50 mA.

Toothbrush:  
model SU1000, 5 VDC., 1.6 MHz., 30 mA.



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## Introduction

The Dual Frequency Ultrasonic Toothbrush features advanced ultrasonic technology coupled with gentle sonic wave vibrations to help you remove bacterial plaque every time you brush.

The Phaser system features a 3-minute automatic timer which guides you through 6 separate cycles. The brushing action will start/stop for 0.5 seconds to remind you to move the brush to a new area of your mouth to provide a complete brushing result.

The Personal Touch System lets you choose the ultrasound benefit that's right for you from the following options:

1. Ultrasound Plus 18,000 strokes per minute sonic action for optimum plaque removal.
2. Ultrasound Plus a gentler 14,000 strokes per minute sonic action for those with sensitive teeth and gums.
3. Ultrasound Only for those who prefer no sonic action or have extreme sensitivity and require no sonic action but want the benefit of ultrasound to help break up plaque bacterial chains.

With just regular brushing, the Dual Frequency Ultrasonic Toothbrush reduces gingivitis and helps shrink periodontal pockets. The Dual Frequency Ultrasonic Toothbrush should be a part of your routine of good oral hygiene along with regular flossing and visits to your dentist.

**CAUTION: PLEASE READ ALL  
SAFETY CONSIDERATIONS AND INSTRUCTIONS  
BEFORE USING THIS PRODUCT**

To use the Dual Frequency Ultrasonic Toothbrush, remove the brush from the charger base and press the control button on the handle. The green light will come on. You may press the button to stop the brush at any time. See the Personal Touch System section on page 5 for directions on choosing the ultrasound brushing mode that's right for you.



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## Important!

### IMPORTANT SAFEGUARDS

- Do NOT operate your Dual Frequency Ultrasonic Toothbrush if the power cord, plug, or any other component is damaged in any way.
- Keep the power cord away from heaters or other heated surfaces.
- Do NOT touch the charger base with wet hands or while showering or bathing.
- Do NOT store the charger base where it can fall into water or get wet from the shower or bath.
- Do NOT touch the charger base if it has fallen into water while still plugged into a wall outlet. Do not reach into the water. Unplug the cord from the wall outlet -- immediately -- then drain water prior to picking up charger to dry it. Return the charger base to Sonex for examination and repair before using.
- The Ultrasonex Oral Care System should NOT be used by young children. The removable brush head could be swallowed by a small child. Keep the entire unit out of reach of children under 10 years of age.

#### WARNING

DO **NOT** USE IF YOU ARE FITTED WITH A  
CARDIAC PACEMAKER OR DEFIBRILLATOR.

The Ultrasonex Oral Care System is designed to supplement your dentist's prescribed regimen. Follow your dentist's recommended brushing and flossing instructions while using the brush or flosser. You may use any toothpaste you like.

See your dentist regularly.

If you have any questions about your use of the product, please consult your doctor. Also, see your doctor before discontinuing or changing any medication or treatments. Discontinue use of the product and consult your doctor if any problems arise with use of the product.



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## How to use your Dual Frequency Ultrasonic Toothbrush

### Initial Charging

To charge the Dual Frequency Ultrasonic Toothbrush, place the charger base on a stable, nonskid surface and plug the power cord into a standard AC wall outlet.

Insert the rounded end of the brush handle into the charger base. While charging, a red light will be visible. Allow brush to charge for 24 hours prior to first-time use to assure that the battery is fully charged. The charger base should always be plugged in so that the brush is being fully charged between brushings.

(You may notice a faint vibration and hum while the Dual Frequency Ultrasonic Toothbrush is charging. The brush handle may also be slightly warm. This is normal. The brush is self-protecting and will not overcharge.)

You will experience many years of useful life with your Ultrasonex oral hygiene products. However, once your toothbrush no longer functions, the battery used to power your toothbrush should be recycled. CAUTION: Batteries cannot be replaced and opening the handle will destroy the product and invalidate the warranty.



This product's handle contains a nickel metal hydride (NiMH) rechargeable battery. The nickel metal hydride battery in your Ultrasonex Toothbrush is recyclable. Please recycle these batteries at an appropriate battery collection site.

### Personal Touch System Operation

The Personal Touch System lets you choose the ultrasound benefit that's right for you from the following options:

1. **Press** the control button **once** for Ultrasound Plus 18,000 strokes per minute sonic action for optimum plaque removal.
2. **Press** the control button **twice slowly** for Ultrasound Plus a gentler 14,000 strokes per minute sonic action for those with sensitive teeth and gums. You will notice a change in the sound the toothbrush makes when operating at the gentler speed.
3. **Press** the control button **three times slowly** for Ultrasound Only for those who prefer no sonic action or have extreme sensitivity and/or require no sonic action but want the benefit of ultrasound to help break up plaque bacterial chains. The indicator light on the handle will be green but there will be no sound or motion apparent.

To turn the brush off, press the control button once (the brush must have been running for at least 2 seconds). The indicator light on the handle will not be lit. Sonic and Ultrasound output is inactive when the green light is not on.



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## How to use your Dual Frequency Ultrasonic Toothbrush

### Phaser Timer System Operation

Dental professionals recommend that you brush for 3 minutes. Your Dual Frequency Ultrasonic Toothbrush features the Phaser Timer System to help you evenly distribute its Ultrasound benefit to the 6 brushing areas of your mouth. The Phaser Timer System operates in all Personal Touch System modes.

The Phaser Timer system is a built-in timer that pauses sonic action 5 times for 0.5 seconds at 30 second intervals. *If you are using your Dual Frequency Ultrasonic Toothbrush in Ultrasound Only mode*, the Phaser Timer System will turn sonic action on for a brief 0.5 seconds at each 30 second interval guiding you to begin brushing another area of your mouth.

At the end of three minutes, the toothbrush will automatically turn itself off. *If you are using your Dual Frequency Ultrasonic Toothbrush in Ultrasound Only mode*, the green light will go out indicating that the brush is off. If you prefer to turn off the brush before the three minutes are over, you can do so by depressing the control button. Note: Any time the control button is pressed, the Phaser timer is restarted and brushing cycle reset to one.

Note: Placing the brush into the charger base will automatically turn off the brush.

### To Brush Your Teeth

Use the Dual Frequency Ultrasonic Toothbrush as you would a regular manual toothbrush. Its dual technology produces gentle sonic and ultrasonic waves that enhance your regular manual brushing technique. The soft-touch handle and grip control provide a comfortable hold that prevents slipping.

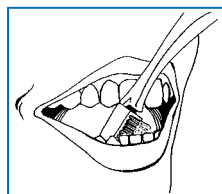
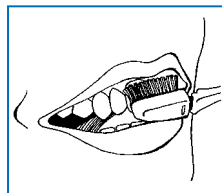
To use, remove the brush from the charger base. Wet the bristles of the brush and apply toothpaste. To avoid splattering toothpaste, place the brush in your mouth before pressing the control button.

Unless your dentist has recommended otherwise, we suggest you follow this brushing technique (known as the Bass technique) which is often recommended by dental professionals:

Hold the toothbrush handle horizontally. Place the bristles on the teeth gum margin at an angle (app. 45°) so the bristles are directed toward the margin between your teeth and gums.



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## How to use your Dual Frequency Ultrasonic Toothbrush

Move the brush *horizontally* in a back-and-forth motion, using short strokes — less than 1/4". Be sure to keep the bristle points in contact against the gum margin.

Brush each area with at least 10 (count them!) back and forth cycles until the 0.5 second pause then move brushing action to ensure that you spend the recommended amount of time on each area. The toothbrush will pause five times for one-second intervals, advising you to brush in another area.

Brush the inner and outer surfaces of your teeth and gums following this technique.

Brush the *inside surfaces* of the upper and lower front teeth by holding the brush handle *vertically* and placing the bristle tips *directly on the gum margin*.

Brush the *biting surfaces* of your back teeth...and then repeat the entire process from the beginning. Brush until the brush stops completely (3 minutes) to receive the complete amount of ultrasound.

### Cleaning Instructions

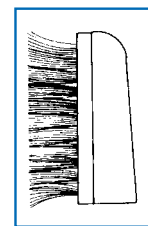
The Ultrasonic Toothbrush is waterproof. Rinse the Toothbrush head under running water. Dry the Toothbrush head and handle with a towel.

To clean the rechargeable base, unplug and use a soft, slightly damp cloth or sponge to wipe the surface. Never use abrasive cleaners or solvents, as they may scratch the surface.

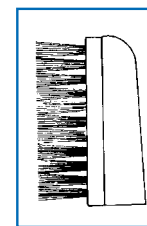
Replace the Toothbrush handle into the rechargeable base.

**Important:** Do NOT remove the brush head from the handle every day. Frequent removal causes excessive wear of the brush-holder clip and the brush head will not fit tightly. A tight fit is essential for the efficient transfer of ultrasonic power from the handle to the tips of the brush head.

After continued use, the bristles will wear and may bend. Replace the brush head when the bristles begin showing signs of wear, usually once every 3 months.



Worn brush head:  
bristles are bent



New brush head:  
bristles are straight

**Call the Sonex Consumer Service Department to order replacement Dual Frequency Ultrasonic brush heads.**



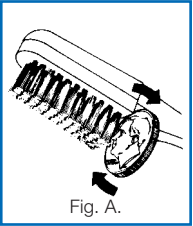
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# How To Replace Brush Heads

**CAUTION:**

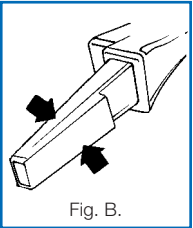
DO NOT POINT THE BRUSH TOWARD YOUR FACE  
NOR AT ANYONE ELSE WHEN REMOVING THE BRUSH  
HEAD. IT CAN FLY OFF WITH FORCE DURING REMOVAL  
AND MAY CAUSE POSSIBLE INJURY.

1. Place a coin (a quarter works best) in the slot  
between the brush head and the handle, as  
shown here. Press the coin into the slot and,  
with a gentle twisting motion, snap the brush  
head off the handle. See Fig. A.

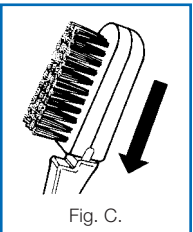


2. Wash off any toothpaste that has accumu-  
lated under the brush head before replacing the  
brush head.

3. Coat the brush head clip with a generous  
amount of petroleum jelly. This makes installa-  
tion easier and helps transmission of the ultra-  
sonic waves. See Fig. B.



4. Place a new brush head onto the tip of the  
handle. Orient the bristles as shown here. See  
Fig. C.



5. Push the new brush head on the handle by  
pressing it firmly against the palm of your hand  
until the top surface of the handle and the brush  
head are touching. You will see a gap, barely  
wide enough for a coin, between the bottom  
curved surface of the handle and the brush  
head, next to the bristles. Tug on the brush  
head to be sure it is firmly secured.



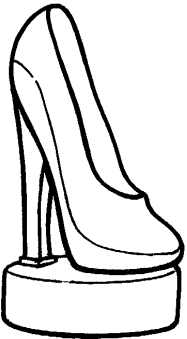
# Reordering Information

Call the Sonex Consumer Service Department  
at 1-800-934-7455 to order.



**Part# #####B**  
Toothbrush Handle

**Part# #####**  
Single Rechargeable  
Base 120V



**REPLACEMENT BRUSH HEADS**

Model #	Description
BH##A	Regular (?)



## Questions & Answers

### **Q: How does the Dual Frequency Ultrasonic Toothbrush work?**

**A:** The Dual Frequency Ultrasonic Toothbrush uses advanced dual frequency technology to provide its dynamic cleaning power. It is the world's first to feature penetrating 1.6 MHz ultrasonic waves coupled with 18,000 strokes per minute sonic carrier waves.

With just regular brushing, its unique foaming and scrubbing action effectively removes plaque to help you maintain a professional clean feeling everyday. The brush reaches below the gumline to disrupt the bacterial process. This results in a significant reduction of gingivitis and bleeding while promoting healthier gums.

### **Q: How do I use the Dual Frequency Ultrasonic Toothbrush?**

**A:** Brush as you would brush with your manual toothbrush using any toothpaste you like. Please see the "How To Use" section of this manual for instruction on the most commonly recommended brushing technique. We recommend that you brush twice a day for three minutes.

### **Q: How do I know when the Dual Frequency Ultrasonic Toothbrush is working?**

**A:** When the brush is in the charger base the red light is visible, letting you know that your brush is charging. Pressing the control button on the handle turns the brush on. A green light will be visible indicating that the brush is working properly and emitting ultrasonic waves.

Should the green light fail to come on or if the green light continually blinks, these are indications that the Dual Frequency Ultrasonic Toothbrush is not working properly. If the green light is on but there is an absence of sonic activity please check the Personal Touch System section on page 5 to be sure the toothbrush is not in ultrasound only mode. Please contact the Sonex Consumer Service Department for further instructions.



## Questions & Answers

### **Q: How often do I change the brush head?**

**A:** We recommend that you change the brush head every 3 months or when the bristles begin showing significant signs of wear. In any case, the brush head should be changed a minimum of once every three months.

### **Q: How do I know if the brush head needs replacing?**

**A:** After continued use, you'll notice that the bristles will begin to bend — just like with any regular brush. When this happens, it's time to replace the brush head. We recommend that you change the brush head at least once every 3 months, depending on wear.

### **Q: Can I travel with the Dual Frequency Ultrasonic Toothbrush?**

**A: Yes.** You can brush twice a day for 7 days without recharging.

### **Q: Do I still need to floss?**

**A: Yes.** You should floss daily and see your dentist regularly. For daily flossing we recommend using the Ultrasonex Advanced Patented Sonic Technology Flosser from Sonex.

### **Q: Can the Dual Frequency Ultrasonic Toothbrush be used by patients with dental work and orthodontia patients (people with braces)?**

**A: Yes.** It is extremely gentle and safe for all dental work and orthodontia patients. However, it is not recommended for people fitted with a cardiac pacemaker or defibrillator.

### **Q: Can I repair the Dual Frequency Ultrasonic Toothbrush?**

**A: No.** This is a permanently sealed product that does not contain any user serviceable parts. In case of damage or malfunction, do not attempt to repair this product. Please call the Sonex Consumer Service Department for instructions for returning the product to Sonex.



## Limited Forever Warranty

**Warranty:** The Ultrasonex Toothbrush is warranted by Sonex International Corporation to be free from defects in material and workmanship for as long as the original consumer purchaser owns the product. This product warranty covers only the original consumer purchaser of the product.

**Warranty Performance:** During the first year from the original purchase date, a product with a defect will (at our option) either be repaired or replaced when the product is returned to the Repair Center, or the purchase price refunded. No charge will be made for such repair or replacement. From and after one year from the original purchase date, if the product has a defect, the original consumer purchaser may replace the product for one-half of the then current retail price. The replacement will be the most current model. The repaired or replacement product will be covered by this warranty for as long as the original consumer purchaser owns the product.

**Warranty Coverage:** This warranty is void if the product has been damaged by accident in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel, normal wear and tear, improper assembly, installation or maintenance abuse or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and Canada, and does not extend to any units which have been used in violation of written instructions furnished with the product or to units which have been altered or modified or to damage to products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

**Implied Warranties:** ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO THE TIME THAT THE ORIGINAL CONSUMER PURCHASER OWNS THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.



## Limited Forever Warranty

**Service and Repair:** Should the product not work properly, you should first call toll-free 1-800-934-7455 between the hours of 9:00 am and 5:00 pm Central Standard Time and ask for CONSUMER SERVICE stating that you are a consumer with a problem. Please refer to product model number when you call.

**Warranty Service (USA):** For a product defect which occurs during the first year, no charge is made for service or postage. Call for return authorization (1-800-934-7455). For a product with a defect after the first year, send the product postage pre-paid together with a check for the replacement product to the Repair Center listed below. Call for the amount of the check for the replacement product (1-800-934-7455).

**For Products Purchased in the USA, but used in Canada:** You may return the product insured, packaged with sufficient protection, and postage and insurance prepaid to the USA address listed below. Please note that all customs duty/brokerage fees, if any, must be paid by you and we will require you to pay the cost of customs duty/brokerage fees to us in advance of our performing any service.

**Risk During Shipment:** We cannot assume responsibility for loss or damage during incoming shipment. For your protection, carefully package the product for shipment and insure it with the carrier. Be sure to enclose the following items with your appliance: any accessories related to your problem, your full return address and daytime phone number, a note describing the problem you experienced, a copy of your sales receipt or other proof of purchase to determine warranty status. C.O.D. shipments cannot be accepted.

To return the product, ship to:

**Attn: Repair Center  
Sonex International Corporation  
708 South Missouri Street  
Macon, MO 63552**



## Limited Forever Warranty

To contact us, please write to, call, or email:

**Sonex International Corporation**  
**P.O. Box 7366**  
**Columbia, MO 65205-7366**  
**1-800-934-7455**  
**Email: [Salton@Saltonusa.com](mailto:Salton@Saltonusa.com)**

**Limitation of Remedies:** No representative or person is authorized to assume for Sonex International Corporation any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract. Repair, replacement or refund shall be the sole remedy of the purchaser under this warranty, and in no event shall Sonex International Corporation be liable for any incidental or consequential damages, losses or expenses. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

**Legal Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**WARRANTY SERVICE IN THE USA CAN ONLY BE  
PROVIDED BY THE MANUFACTURER.**

In the event that your product fails to operate properly

**DO NOT RETURN IT TO THE STORE**



## Notes



CAUTION:

This device complies with Part 18 of the FCC Rules.

- (a) This device may not cause harmful interference.
- (b) This device must be used as user's manual described, if it is need to repair you will contact to a Service Station which is described in the user's manual and send the device to them.
- (c) If the harmful interference caused to other equipment, turn off power immediately and the device must be suspended of use.

CAUTION:

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.