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**Introduction**

Thank you for purchasing Zum eco-DECT Pro Headset™.

**FEATURES:**

- Lowest level of emissions based on distance of headset to the base station.
- Convertible into two wearing styles: headband & earhook
- Up to 6.5 hours talk time without recharging
- Auxiliary port for connecting handset lifter or electronic hookswitch device
- Noise cancelling microphone for reduced background noise
- Secure high quality audio
- Receive volume control on headset
- Mute button on headset
- Talk button with LED on headset
- Range up to 400m
- ‘Out of range’ warning
- DECT/GAP compatible
- Second battery storage/charging dock on base
- PC/USB connectivity for Mac and PC
- Three way conferencing by connecting an additional headset
Health and safety instructions

Please read the following safety and operational instructions before using Zum eco-DECT Pro™ and USB Headset. Please keep these instructions for your reference. When using this product, these basic safety precautions and warnings should be followed to reduce the risk of fire, electric shock, injury to persons, and damage to property.

General

Operating, charging and storage temperature is 32°F to 104°F (0°C to 40°C).

Warnings

- CHILDREN. Never allow children to play with the product – small parts may be a choking hazard.
- Plug the AC adaptor into the outlet nearest the equipment that is easily accessible.
- To reduce the risk of electric shock, explosion or fire, use only the supplied charger or Class 2 AC adaptor to charge the headset. Ensure that the voltage rating (e.g. 120V, 60 Hz) corresponds to the power supply you intend to use.
- Do not disassemble the product or AC adaptor as this may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock or fire when the product is subsequently used, and voids the warranty.
- Do not insert anything into the product, as this may cause damage to the internal components, or cause injury to you.
- Avoid contact with liquids. Do not locate this product near water, for example, near a bathtub, or sink, in a wet basement, or near a swimming pool.
- Discontinue use of product and contact your local supplier if the product overheats, has a damaged cord or plug, if the product has been dropped or damaged, or if the product has come into contact with liquids.
- This product should never be placed over or near a heat register and should not be placed in locations which do not have proper ventilation.
- Don’t use harsh chemical products or detergent to clean the product.
- If you experience a skin irritation after using this product, discontinue use and contact your local supplier.
- Exposure to high volume sound levels or excessive sound pressure may cause temporary or permanent damage to your hearing.
- Although there is no single volume setting that is appropriate for everyone, you should always use your headset with the volume set at moderate levels and avoid prolonged exposure to high volume sound levels.

The louder the volume, the less time is required before your hearing could be affected. You may experience different sound levels when using your headset with different devices. The device you use and its settings affect the level of sound you hear. If you experience hearing discomfort, you should stop listening.
Precautions

to the device through your headset and have your hearing checked by your doctor. To protect your hearing, some hearing experts suggest you:
1. Set the volume control in a low position before putting your headset on your ear and use as low volume as possible.
2. Avoid turning up the volume to block out noisy surroundings. Whenever possible, use your headset in a quiet environment with low background noise.
3. Limit the amount of time you use headsets at high volume levels.
4. Turn the volume down if the sound from the headset prevents you from hearing people speaking near you.

To avoid the risk of electric shock, explosion, fire or leakage of corrosive or toxic chemicals, please observe the following charging and battery warnings:

Charging warnings
• Use only the charger supplied by your local supplier to charge the product. Do not use the charger for any other purpose. Ensure that the voltage rating corresponds to the power supply you intend to use.
• Charge the headset according to the instructions supplied with the unit.
• Plug the AC adaptor or charger into an outlet that is near the equipment and will be easily accessible.
• Never charge the battery where the temperature may fall below 0°C (32°F) or rise above 40°C (104°F).
• Avoid charging the battery while it is unattended.

Headset battery warnings
The headset is equipped with a replaceable battery. To reduce the risk of fire or injury to persons, read and follow these instructions.
• Do not throw battery into a fire. The battery may explode. Check the local laws for disposal instructions.
• Do not open or mutilate the battery. There may be corrosive materials which can cause damage to eyes or skin and may be toxic if swallowed.
• Charge the headset according to the instructions supplied with the headset.

RECYCLING: the battery used in your headset must be recycled or disposed of properly. Contact your local recycling centre for proper disposal of your headset. Please do not dispose of Zum eco-DECT Pro™ in ordinary trash.
LEDs and Controls - Front

- Telephone switch with ON/OFF LED ('TEL' LED)
- PC/USB switch with ON/OFF LED ('PC/USB' LED)
- LED- Headset IN USE
- LED- Headset Charge
- LED- Power
- LED- Battery indicator

LEDs and Controls - Side

- Battery charging slot
- Battery remove button
- Wiring switch

LEDs and Controls - Headset

- Mute button
- Receive volume up/down
- Headset ‘ON/OFF’ LED
- Headset ‘ON/OFF’ button
Connectors and Controls - Back View

- Microphone volume up
- Microphone volume down
- USB port
- AUX port

Connectors - Bottom View

- Power jack
- Handset connector
- Telephone connector (‘TEL’ port)
2. Setup

• Connect the power adaptor supplied with the product to the base unit (13). The base power LED (3) will light. If the base is in telephone mode, the ‘TEL’ LED (7) on the Headset will light, otherwise, the ‘PC/USB’ LED (8) will light.
• Install the battery into the headset if it’s not already in place. The little line on the battery has to match the line on the battery slot, otherwise the battery will not fit.
• The headset LED (1) will turn on for about 2 seconds then turn off. The headset is now in standby mode.

NOTE: The first time you use your headset, it is recommended that the headset be charged for a minimum of 4 hours before use.

2.1 Connecting to a telephone or terminal with a headset port

• Using the headset cord supplied with the product, connect the ‘TEL’ port (15) on the headset base with the headset port on your telephone.
• Use the power adaptor supplied with the product to connect the headset base (13) to a power socket.
• You may need to adjust the wiring switch (16) that is located on the side of the headset base to find the correct wiring for your device.

2.2 Connecting to a telephone or terminal without a headset port

• Using the headset cord supplied with the product, connect the ‘TEL’ port (15) on the headset base with the ‘handset’ port on your telephone.
• Connect the telephone handset cord to the handset (14) port on the headset base.
• Use the power adaptor supplied with the product to connect the headset base (13) to a power socket.
• You may need to adjust the wiring switch (16) that is located on the side of the headset base to find the correct wiring for your device.

2.3 Connecting to a compatible handset lifter (consult your supplier)

• Fit the handset lifter to your telephone as indicated in its user guide.
• Connect the handset lifter to the ‘AUX’ port (12) located on the back of the headset base.
With the handset lifter connected, you will be able to answer and end calls using the button located on the headset while away from your desk.

2.4 Connecting Zum eco-DECT Pro™ to a computer USB port

• Connect the USB cable supplied with the product to the ‘USB’ port (11) on the back of the headset base and to an available USB port on your computer.
• The computer should automatically recognize the device and install the correct drivers.

2.5 Wearing style

Your DECT headset is supplied with a headband and an earhook.
• Headband
This can be attached to the headset to allow for either left or right ear wearing and the size can be adjusted to allow you to
find the most comfortable fit.
• Earhook
  This can also be used on either the left or right ear.
  To remove the headband or earhook: put your thumb on the speaker and carefully pull the headband or earhook with your other hand towards you.

3. Operation
3.1 Making and receiving calls
3.1.1 Making an outgoing call (in telephone mode)
  • Ensure that the ‘TEL’ button (7) on the front of the headset base is selected.
  • Lift the headset from the base to start the call. If you are already wearing the headset press the headset’s ‘ON/OFF’ button (2). The base ‘IN USE’ LED (5) will light. If a handset lifter or electronic hookswitch device is connected to the headset base, the line will be seized. Otherwise, you will also need to activate the headset port via your telephone terminal.
  • Dial the telephone number on the telephone terminal.
  • After finishing the call, replace the headset on the base or press the ON/OFF button (2) to disconnect. The ‘IN USE’ LED (5) will turn off.

3.1.2 Receiving an incoming call (in telephone mode)
  • If there is an incoming call from the telephone line and the headset base is connected to a handset lifter or electronic hook switch device, the ‘TEL’ LED (7) on headset LED (1) will flash, and a ring tone will be heard on the headset.
  • Lift the headset from the base to answer the call. If you are already wearing the headset press the headset’s ‘ON/OFF’ button (2). The base ‘IN USE’ LED (5) will light. If a handset lifter or electronic hookswitch device is connected to the headset base, the line will be seized. Otherwise, you will also need to activate the headset port via your telephone terminal.
  • To end the call, replace the headset on the base or press the headset ON/OFF button (2).

3.1.3 Making an outgoing call in VoIP mode
  • Ensure that the ‘VOIP’ button (8) on the front of the headset base is selected.
  • Lift the headset from the base, or press the headset’s ON/OFF button (2) if you are already wearing it, and the base ‘IN USE’ LED (5) will light.
  • After finishing your VOIP call, press the ON/OFF button (2) to disconnect. The headset LED (1) and the base ‘IN USE’ LED (5) will turn off.

3.2 Adjusting the ringer volume
  When the headset is ringing to indicate an incoming
call, you can adjust the ring volume by moving the rocker switch (17) at the back of the headset.

3.3 Muting the headset microphone
To mute the headset microphone when on a call, press the mute button (18) on the back of the headset. While the headset is in mute mode, a short beep will be heard on the headset every 8 seconds. Press the mute button (18) again to release the mute.

3.4 Headset transmitting volume setting
During a call you can adjust the transmit volume of the headset by using the up and down volume buttons (9 and 10) located on the back of the headset base.

3.5 Adjusting headset receive volume
Use the rocker switch (17) at the back of the headset to adjust the receive volume on your headset. You will hear a beep sound for each volume step up or down.

3.6 Out of range and reconnection
You will hear a warning tone in the headset when you walk out of range of the base. The headset will be disconnected from the base and the call will be automatically placed on hold. If you move back inside the range of the base, the headset will automatically reconnect, and the call will be active again.

NOTE: If you do not move back inside the base range within 5 minutes the call will be disconnected.

3.7 Battery – hotswap
You can “hotswap” the headset battery while on a call. When the battery is removed from the headset, the base unit will put the call on hold for a maximum of 5 minutes. When the new battery is fitted to the headset, the ‘IN USE’ LED (1) will turn on and the call will be active again.

Put the second battery in the battery charging slot (19) on the top side of the base. The battery can be removed by sliding the battery remove button (20) sideways.

3.8 Battery level indication
The four LEDs (6) on the front of the headset base indicate the battery level of your headset battery.

<table>
<thead>
<tr>
<th>Indication</th>
<th>Battery level</th>
</tr>
</thead>
<tbody>
<tr>
<td>One LED flashing</td>
<td>&lt; 20%</td>
</tr>
<tr>
<td>One LED on</td>
<td>20%-40%</td>
</tr>
<tr>
<td>Two LEDs on</td>
<td>40%-60%</td>
</tr>
<tr>
<td>Three LEDs on</td>
<td>60%-80%</td>
</tr>
<tr>
<td>Four LEDs on</td>
<td>80%-100%</td>
</tr>
</tbody>
</table>
3.9 Making a conference call
Your Zum eco-DECT Pro™ headset allows a second headset to be temporarily connected to the base so that you can have a three way conference call.
- Setup the call using the primary headset unit.
- Once on the call, place the second DECT headset unit on the base charger.
- After about one second, the headset ‘IN USE’ LED (1) of the new headset will turn on and the base ‘IN USE’ LED (5) will flash to indicate the headset is registering with the base unit.
- Once the registering has completed, the base ‘IN USE’ LED (5) will stop flashing and the additional headset LED will flash.
- Once the registration has completed, a confirmation sound will be heard on the primary headset.
- Lift the additional headset from the base and it will enter talk mode. The two headsets are now in conference mode.

NOTE: The additional headset will only remain registered to the base for the duration of the call. After the primary headset has ended the call, the unit will return to its normal state.

Zum eco-DECT Pro™ also allows you to make a conference call between your normal phone and a PC or MAC computer.
To activate this option hold down the PC/USB (8) button for four seconds. Both LEDs of the PC/USB (8) and TEL (7) buttons will light. If one of the buttons is touched again this function will be switched off and the headset will return to the mode of the button pressed.

3.10 Overview of audio signals

<table>
<thead>
<tr>
<th>Action</th>
<th>Audio indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low battery</td>
<td>2 rapid beeps (60 sec repeat)</td>
</tr>
<tr>
<td>Nearly out of range</td>
<td>2 beeps</td>
</tr>
<tr>
<td>Out of range</td>
<td>2 pitch tone</td>
</tr>
<tr>
<td>Back in range</td>
<td>4 rapid beeps</td>
</tr>
<tr>
<td>Receiver volume up/down</td>
<td>1 beep</td>
</tr>
<tr>
<td>Mute on</td>
<td>2 pitch tone (8 sec repeat)</td>
</tr>
<tr>
<td>Mute off</td>
<td>1 beep</td>
</tr>
<tr>
<td>Ringer (EH device)</td>
<td>Multi tone (2 sec repeat)</td>
</tr>
</tbody>
</table>

3.11 Registering a new headset to the base
You can register a new primary headset unit to the base of Zum eco-DECT Pro™ using the following procedure:
Press and hold the ‘TEL’ button (7) on the headset base for five seconds to enter the registration mode. The ‘TEL’ LED (7) will flash to indicate it is now in registration mode.

Press and hold the ‘mute’ button (18) on the back of the headset for five seconds for the headset to enter the registration mode. The headset LED (1) will flash twice and then light-up during the registration mode period.

The headset will now be registered to the base which will take around 30 seconds. When the registration has completed, the headset LED and the base ‘TEL’ LED (7) on Zum Pro™ will stop flashing.

3.12 Using Zum eco-DECT Pro™ for call recording
With Zum eco-DECT Pro™ it is possible to connect a normal telephone call to the USB port of your computer. This feature can be used to record phone calls with voice recording software on your PC.

To activate the recording option hold the PC/USB (8) button for four seconds. Both LEDs of the PC/USB (8) and TEL (7) buttons will light. Zum eco-DECT Pro™ is now ready for use with recording software. If one of the buttons is touched again this function will be switched off and the headset will return to the mode of the button pressed.

3.13 Using the Zum eco-DECT Pro™ with Skype for Business™ (Microsoft Lync)
When Zum eco-DECT Pro™ is connected to a computer using the USB cable, it can interact with the Skype for Business™ communications software installed on your computer. The headset’s ON/OFF button can be used to answer and end a call. If you activate and finish a call using the desktop software, the headset will automatically turn on and turn off.

This function can be enabled and disabled as follows:
To enable Skype for Business™ - Press the PC/USB button (8) and microphone volume up button (9) together for 3 seconds. The USB LED will flash twice (fast) 6 times to confirm the function is enabled.
To disable Skype for Business™ - Press the PC/USB button (8) and microphone volume down button (10) together for 3 seconds. The USB LED will flash twice (fast) 6 times to confirm the function is disabled.

The default setting is Skype for Business™ enabled.

4. Troubleshooting
Q. I have connected my headset base to my telephone terminal but the headset is not working.
A. Make sure that you have the removable battery correctly fitted in the headset and that the battery has been properly charged.

Q. The headset is working but I cannot hear telephone calls correctly.
A. Ensure that you have the correct wiring setting by adjusting the switch (16) on the side of the headset base.

Q. When the headset’s ON/OFF button (2) is pressed, the
handset lifter lifts the handset but I cannot hear the call on the headset.

A. Ensure that the headset base is connected to the telephone’s handset port and not the headset port (if the telephone has one).

Europe Declaration
This product is CE marked according to the provisions of the R and TTE Directive (99/5/EC).
This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

EMC: EN 301 489-6 V1.3.1:2008-08
EN 301 489-1 V1.8.1:2008-04
EN 55022:2006+A1
EN 55024:1998+A1+A2
EN 61000-3-2:2006
EN 61000-3-3:5005+A1+A2
RF: EN 301 406 V2.1.1:2009-07
RF Safety: EN 50360:2001 (Headset)
EN 50385:2002 (Base)

Only to be used together with the delivered certified AC main adaptor with a GS mark.

Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia and within EFTA in Iceland, Norway and Switzerland.

FEDERAL COMMUNICATIONS COMMISSION STATEMENT

Declaration of conformity
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause
harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain the compliance with the FCC’s RF exposure guideline, place the base unit at least 20 cm from nearby persons. The headset has been tested and meets the FCC RF exposure guidelines for body worn operation.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the side of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ9) in the packaging with each piece of approved terminal equipment.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

If this equipment, Zum eco-DECT Pro™, causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn’t practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

Should you experience trouble with this equipment, please contact your local supplier or contact:

Spracht
974 Commercial Street, Suite 108
Palo Alto, CA 94303 USA
Tel: 650-215-7500

For repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.

I) Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

II) If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of Zum eco-DECT Pro™ does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Spracht Limited Warranty Policy

Spracht warrants its products against defects or malfunctions in material and workmanship under normal use and service, with the exceptions stated below. This warranty lasts for one year from the original date of purchase. Coverage terminates if you sell or otherwise transfer the product. In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying the product.

Spracht shall (at its option) repair or replace a defective unit covered by this warranty, or shall refund the product purchase price. Repair, replacement with a new or reconditioned unit, or refund, as provided under this warranty, is your exclusive remedy. This warranty does not cover any damages due to accident, misuse, abuse, or negligence. Spracht shall not be liable for any incidental or consequential damages. Some states do not allow limitation or exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Implied warranties of merchantability and fitness for a particular purpose are limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. To make a warranty claim, the purchaser must obtain a return authorization number (RA) from Spracht (serial number and purchase date required), and then return the product to Spracht at purchaser’s expense. A copy of the original dated receipt or shipping document must accompany the product. To obtain a return authorization, see “Warranty” on our website at
www.spracht.com, send an e-mail to info@spracht.com, or contact us at:
Spracht
974 Commercial Street, Suite 108
Palo Alto, CA 94303 USA
Tel: 650-215-7500
For repair or replacement of a failed product, allow 4 to 6 weeks for processing and shipment.
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.