

## DCH100 DECT Headset User Guide

### Introduction

#### Important Safety Notes

Please observe the following to ensure reliable operation of the headset:

- Read this manual thoroughly and observe the operating instructions and information provided.
- Place the base station on a non-slip surface and lay the connection cables so they cannot be the source of an accident.
- Do not expose the equipment to extreme temperatures or high relative humidity and protect it from direct sunlight and dusty conditions.
- Clean the equipment with a soft, damp cloth. Do not use any solvents or aggressive cleaning agents.
- Only connect approved accessories.
- Only use the power plug supplied.
- Never open the unit. Opening the unit annuls claims under the terms of guarantee and exposes the person to the risk of an electric shock.
- Repairs to defective units should only be carried out by service centers recommended by the sales outlet.
- We recommend removing the batteries if the equipment is not to be used for longer periods.
- Only replace the batteries with types recommended by us. Dispose off defective batteries according to the applicable local laws (not in household waste). We assume no liability for damage caused by using the equipment for unintended purposes.
- European Communities (EC) RF Radiation Exposure Statement: The installation of the base unit should allow at least 20 centimeter between the base and persons in compliance with EC RF exposure Council Recommendation

#### Exemption from Liability

We cannot guarantee the information which relates to the technical properties or that contained in this document is correct. The product and its accessories described in this document are subject to constant improvement and further development. For this reason, we reserve the right to modify components, accessories, technical specifications and related documentation of the product described herein without notification.

#### Battery Safety Precautions

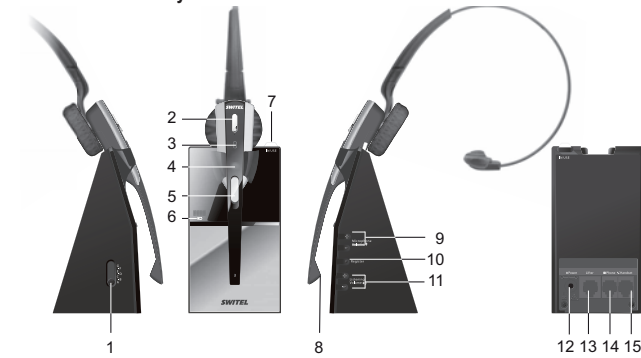
- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
- To reduce the risk of fire or personal injury, use only the battery listed in User's Guide.
- Keep batteries out of children.
- Remove batteries if storing over 30 days.

#### Packaging Checklist

Make sure your package includes the following items:

Packing contents	Packing contents
Base Station 1	EU adaptor transform plug 1
Wireless Headset 1	Headset Cushion 2
AC-DC adaptor 1	Name Tag 4
Li-Polymer battery pack for the Wireless Headset 1	Manual 1
Head Band 1	Telephone Handset
	Lifter Optional

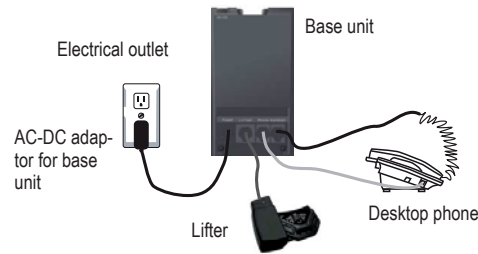
### Headset and Base Layouts



- |                |                      |                      |
|----------------|----------------------|----------------------|
| 1 Slide Switch | 6 LED                | 11 Listening +/- key |
| 2 Talk/End key | 7 LED                | 12 Power jack        |
| 3 Mute key     | 8 Microphone         | 13 Lifter            |
| 4 LED          | 9 Microphone +/- key | 14 Phone             |
| 5 Name Card    | 10 Register key      | 15 Handset           |

### Getting Started

#### Setup the wireless headset

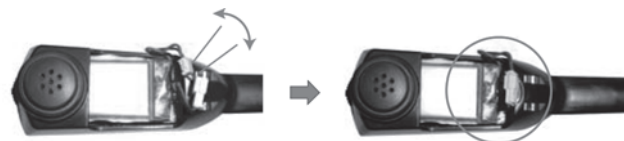


1. Unplug the handset cord from phone.
2. Plug the phone cord that is connected to the base into the handset jack on the phone.  
**CAUTION:** Your phone may have two similar jacks. Put the cord only in the jack from which the handset came.
3. Plug the handset cord into the handset jack in the bottom of the base.
4. Plug the AC charger into an outlet and into the base's AC charging jack.  
**NOTE:** Place the Base unit apart the Desktop Phone at least 15cm to avoid interference.

**CAUTION:** Plug the adapter to the socket outlet that near the equipment and shall be easily accessible. USE ONLY WITH PROVIDED ADAPTOR. Using other power supplies may damage the unit.

**Warning:** The headset does not work and damaged if the wrong battery are inserted. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instruction.

#### Install Headset battery



1. Lift up the door of battery on the headset.
  2. Connect the battery plug to the headset plug.
- Note:**
1. The headset battery is disconnected before shipment.
  2. Connect the battery plugs carefully without slide the battery out from the Headset.

### Install Headband and headset cushion



1. Snap the headset speaker into the retaining ring of desired wearing position.
2. Place the headset cushion onto the headset speaker.

#### NOTE:

1. The retaining ring is made with rapid prototype plastic. Adjust the headband slowly and carefully.
2. Please do not swap Headset and headband. Each headband is fit for the paired Headset only.

#### Setup Handset Lifter (Optional)

1. Plug handset lifter power cord into handset lifter jack on base. Push firmly into base.
2. Position handset lifter under the handset on your phone. Verify that the lifter is located on top of the telephone speaker.

### LED state

#### 1. LED Flashing Pattern

Flashing Pattern	LED ON-OFF sequence
Normal flashing	ON (1 sec), OFF (1 sec)
Fast flashing	ON (250 ms), OFF (250 ms)
Moderate Flashing	ON (500 ms), OFF (500 ms)
Slow flashing	ON (2 sec), OFF (2 sec)
Very slow flashing	OFF (8 sec), ON (2 sec), OFF (2 sec), ON (2 sec)

#### 2. Headset LED Display

Event	LED Indicators	
	Red	Blue
Standby		Slow Flashing
Charging	Steady On	
Charged		Steady On
Registration	Alternate Red/Blue	Alternate Red/Blue
In-use		Normal Flashing
Out of Range	Normal Flashing	
Ring Signal		Fast Flashing
Low Battery		Very Slow flashing

#### 3. Base Station LED Display

Event	IN-USE LED indicator
Headset On cradle	Steady On
Registration	Moderate Flashing
In-use	Normal Flashing
Muting (In-use)	Fast flashing

#### 4. Battery status on base station:

The Headset Battery charging status bar on the base station. This indicates the battery power status for the headset. The battery power status is only displayed while headset is off the cradle. When the headset is docked on the cradle in the charging position the 4 battery status LEDs on the base station will flash from Green to Red until the Headset battery is fully charged. Once the battery is fully charged all 4 battery status LEDs will be turned on constantly indicating the battery is now fully charged. (Remarks: In order to have the battery level indicator on base station showing correctly, your headset must be within operation range with the base station).

- All 4 LEDs ON = headset battery at its full capacity
- Only 3 LEDs ON = headset battery is above half capacity
- Only 2 LEDs ON = headset battery is about half capacity
- Only 1 LED ON = headset battery is low capacity

**Remark:** Green LED on the base indicates headset almost fully charged. As soon as you remove the headset from the base, it is normal for the green led to change to orange.

## Basic Operation

### Switch on/off the Headset

1. To switch on the Headset, press and hold the "Talk" button until the Headset LED light on.
2. To switch off the Headset, press and hold the "Talk" button until the Headset LED turn off.

### Charging Headset

1. Slide headset into charging cradle on the Base Station.
2. Gently press down on the headset to ensure that headset is in correct position. The battery indicatory LED on base will turn on while charging.

### Headset Registration

1. Press and hold the "Register" button on the Base station for 5 seconds until the in use LED flashes.
2. Press and hold the "Mute" button on the Headset unit for 3 second until blue and red color LED flash.
3. After registration, LED on the base station and Headset will be off.

### Adaptation to different host telephone

Slide the host phone cable selection switch from "A" to "G" until both the headset listening and speaking volume have good sound quality. Position "A" is standard.

### Answer Call

Ringtone will be heard on headset receiver during incoming call. There is no ringtone on the headset if base not installed the specified accessories of lifter or EHS.

#### **The handset lifter is not connected:**

1. Take the handset off-hook.
2. Press the "Talk" button on the headset to answer a call.

#### **The handset lifter is connected:**

1. Press the "Talk" button on the headset to answer incoming call. in use LED on Base Station will flash.
2. Press the "Talk" button again or place the headset into the charger to disconnect the call.

### Make Call

#### **The handset lifter is not connected:**

1. Take your handset off-hook. Dial tone should sound through handset.
2. Press the "Talk" button on the headset. The in use LED on both the base and the headset should go on, indicating a successful link. Dial tone should sound through headset.
3. Dial using the telephone keypad.
4. Press the "Talk" button again or place the headset into the charger to disconnect the call.

#### **The handset lifter is connected:**

1. Press the "Talk" button on the Headset to connect to the Base Station. In use LED on Base Station will flash.
2. Dial using the telephone keypad.
3. Press the "Talk" button again or place the headset into the charger to disconnect the call.

**Note:** Headset automatically enters off hook status when off cradle, just need entering the number to dial out.

### Adjusting microphone volume

Press the "Microphone Volume +/-" button to increase / decrease the speaking volume.

**NOTE:** You must be in talk mode (i.e. on a call) to adjust.

### Adjusting base listening volume

Press the "Listening Volume +/-" button to increase / decrease the listening volume.

**NOTE:** You must be in talk mode (i.e. on a call) to adjust.

### Muting the headset microphone

1. Press the "Mute" button on the headset, the microphone will be switched off. In use LED on base will fast flash and beep tone will be heard on headset every 5 seconds while muted.
2. Press again the "Mute" button, the microphone will be switched on.

**NOTE:** You must be in talk mode (i.e. on a call) to adjust.

### Adjusting headset listening volume

Rock the volume control switch + or - (on the top of the headset) to adjust the listening volume.

**NOTE:** You must be in talk mode (i.e. on a call) to adjust.

## Technical Specifications

Headset Operating Time:  
(average values\*)  
AC / DC Adapter (For Base)

Approx. 7 hours talk time  
Approx. 120 hours standby time  
Model No.: SCE0750800P  
Manufacturer: Helms-Man  
INPUT: 100-240V / OUTPUT: 7.5Vdc 800mA  
Single-phase AC excluding IT installations defined by the EN60950 standard.  
Caution: the network voltage is classified as a hazard by the criteria of this standard.  
Appliance designed for connection to an analogue telephone line class TNV3 (telecommunications network voltage) as defined by the EN60950 standard.  
Model No.: 552036 3.7Vdc / 320mAh  
Manufacturer: Hi-power

Telephone connection

Rechargeable Battery

\* For guidance only, depends on initial battery charge.

### Maintenance

Your headset is a technically advanced device containing circuit boards and fine mechanics, made from top grade component. To increase reliability and life span, always treat your headset with care.

- Do not expose the headset to moist, liquids, rain or dust.
- Store the product at a dry and dust-free location.
- For cleaning, use a dry cloth.
- Do not store a fully charged headset in the charging stand for longer periods of time.
- Ear cushions are available as spare parts

### Troubleshooting Guide

#### **The base station does not work.**

- Check that the AC charger jack is connected to the base unit.
  - Check that the AC charger is securely connected to a working outlet.
  - Check that the AC charger is the model supplied.
- Remark:** A battery indicatory LED will flash once when inserting the power into the base station.

#### **My headset does not work.**

- Check that the phone is connected to the base unit's phone cord jack and it is pushed in firmly.
- Check that the phone handset is connected to the base's phone handset jack and it is pushed in firmly.
- Headset may be out of range of the base. Move closer to base unit until headset is within range. Range varies with office environment.
- Headset battery is dead. Recharge the battery by placing the headset in the Base Station.
- Listening volume too low. Rock the volume up button on the headset.
- You may have to re-register your headset with the base.

#### **The callers cannot hear me.**

- Headset is muted. Press the "Mute" button on headset to unmute the microphone.
- Microphone volume is too low. Increase the microphone volume by the "Microphone +" buttons on the base unit.

#### **Sound in headset is distorted/hear echo in headset.**

- Reduce Microphone volume .
- Listening volume too high on phone. If your phone has a handset volume control, lower this until the distortion disappears.
- If the distortion is still present, lower the listening volume adjust button on the headset.
- Base is too close to computer or phone.

#### **I can hear too much background conversation, noise.**

- Speaking volume is too high. Lower the speaking volume.


#### **Battery talk time performance is significantly degraded even after a full recharge.**


- Battery is going bad. Replace the battery with a new battery pack.


## Electrical consumption


- during operating with DC input directly :
  - a) under talk mode and with lifter : approx 1.7W
  - b) under talk mode and without lifter : approx 1.3W
- during charging without operating: approx.2.9W
- during charging and operating -
  - Charging and with lifter when there is incoming ringer : approx 3.1W
- The adaptor input power without load is approx. 0.12W
- The average efficiency is approx. 77%

## Disposal

 In order to dispose of your device, take it to a collection point provided by your local public waste authorities (e.g. recycling centre). The adjacent symbol indicates that the device must not be disposed of in normal domestic waste!

 According to laws on the disposal of electronic and electrical devices, owners are obliged to dispose of old electronic and electrical devices in a separate waste container.

 Batteries must be disposed of at the point of sale or at the appropriate collection points provided by the public waste authorities.

 Packaging materials must be disposed of according to local regulations.

## Declaration of Conformity

We declare that the product DECT DCH100 is in compliance with the Annex III of the R&TTE-Directive 1999/5/EC and then with the following essential requirements:



- Article 3.1.a (protection of the health & the safety of the user) : EN60950-1:2006+A11: 2009 +A1:2010
- Article 3.1.b (protection requirements with respect to electromagnetic compatibility : ETSI EN301489-6 V1.3.1 (2008-08) & ETSI EN301489-1 V1.8.1 (2008-04) )
- Article 3.2 (effective use of the radio spectrum) EN301406 V2.1.1(2009-07)

The presumption of conformity with essential requirements regarding Council Directive 1999/5/EC is ensured.

Conformity with the above mentioned directives is confirmed by the CE symbol on the device. To view the complete Declaration of Conformity, please refer to the free download available on our web site [www.switel.com](http://www.switel.com).

## Guarantee

SWITEL equipment is produced and tested according to the latest production methods. The implementation of carefully chosen materials and highly developed technologies ensure trouble-free functioning and a long service life. The terms of guarantee do not apply where the cause of equipment malfunction is the fault of the telephone network operator or any interposed private branch extension system. The terms of guarantee do not apply to the batteries or power packs used in the products. The period of guarantee is 24 months from the date of purchase.

All deficiencies related to material or manufacturing errors within the period of guarantee will be redressed free of charge. Rights to claims under the terms of guarantee are annulled following tampering by the purchaser or third parties. Damage caused as the result of improper handling or operation, normal wear and tear, incorrect positioning or storage, improper connection or installation or Acts of God and other external influences are excluded from the terms of guarantee. In the case of complaints, we reserve the right to repair defect parts, replace them or replace the entire device. Replaced parts or devices become our property. Rights to compensation in the case of damage are excluded where there is no evidence of intent or gross negligence by the manufacturer.

If your device shows signs of defect during the period of guarantee, please return it to the sales outlet in which you purchased the SWITEL device together with the purchase receipt. All claims under the terms of guarantee in accordance with this agreement can only be asserted at the sales outlet.

No claims under the terms of guarantee can be asserted after a period of two years from the date of purchase and hand-over of the product.

## Service Hotline

In the event of technical problems, you can contact our hotline service, Tel. 0900 00 1675 within Switzerland (cost via Swisscom at time of going to print: CHF 2.60/min).