



9000 DECT



User Manual

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# 1. WELCOME

Congratulations on purchasing your new 9000 DECT. We are sure you will enjoy its wide range of features, and find the headset comfortable to wear and easy to use.

## 9000 DECT headset features

- Wideband audio for exceptional sound quality.
- Volume and mute controls.
- Intuitive headset multi-function button for easy call handling.
- LED and audio indicators.
- Advanced hearing protection with safetone™.
- Noise-cancelling microphone.

## 9000 DECT base features

- Headset recharge docking cradle.
- Visual call status indicators.
- Visual wireless connection status indicators.
- Mute indicators.
- Battery indicators.
- Voice-prompted configuration.
- volume adjustment
- Port for VT LInk adapter and remote handset lifter.

## 2. PRODUCT OVERVIEW

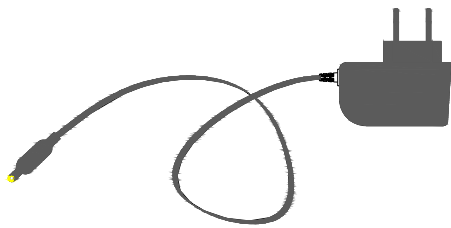
### 2.1 PACKAGE CONTENTS



Headset



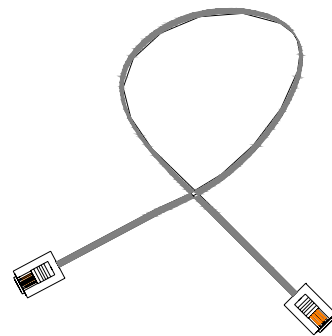
Base



Power adapter

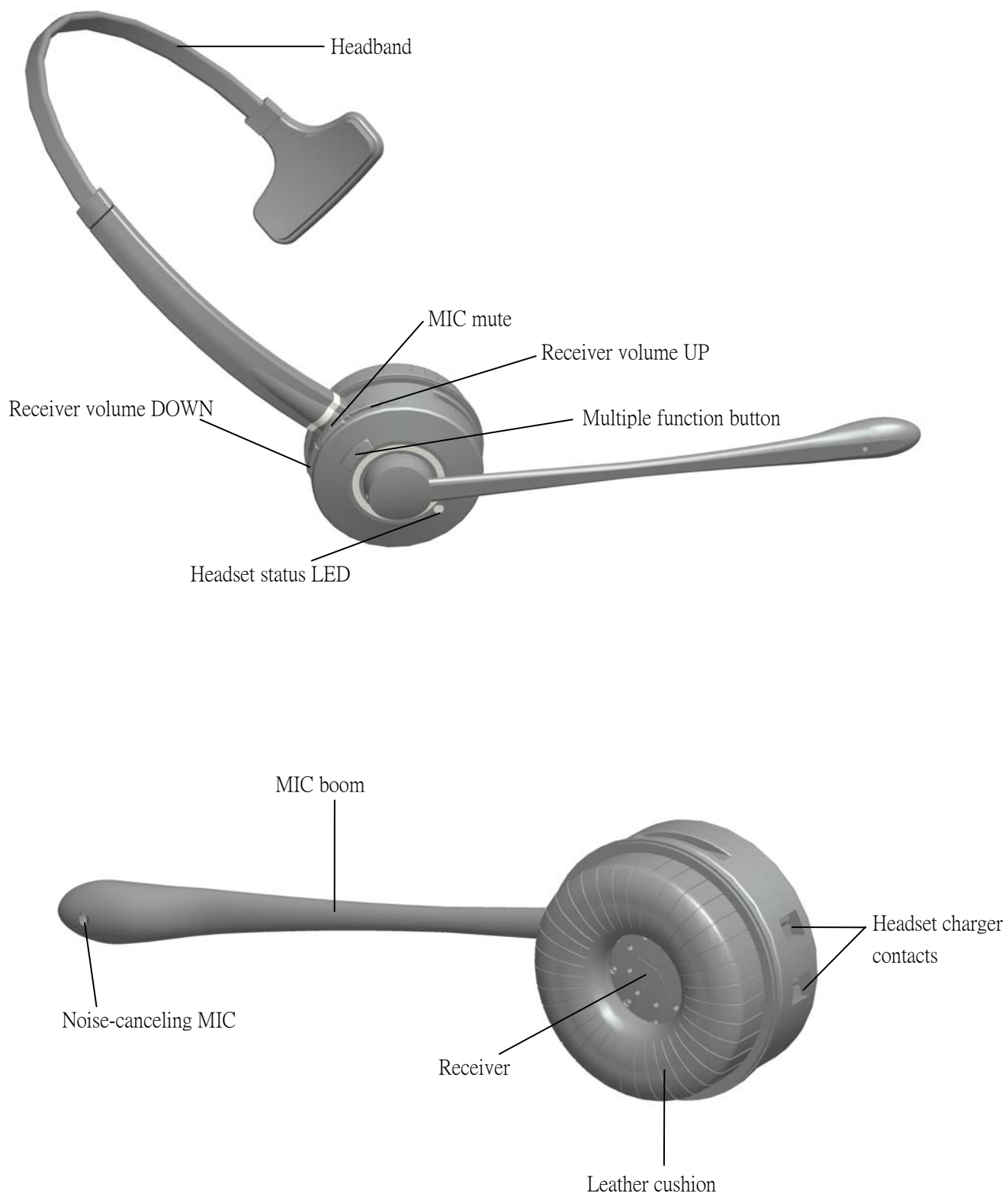


User manual

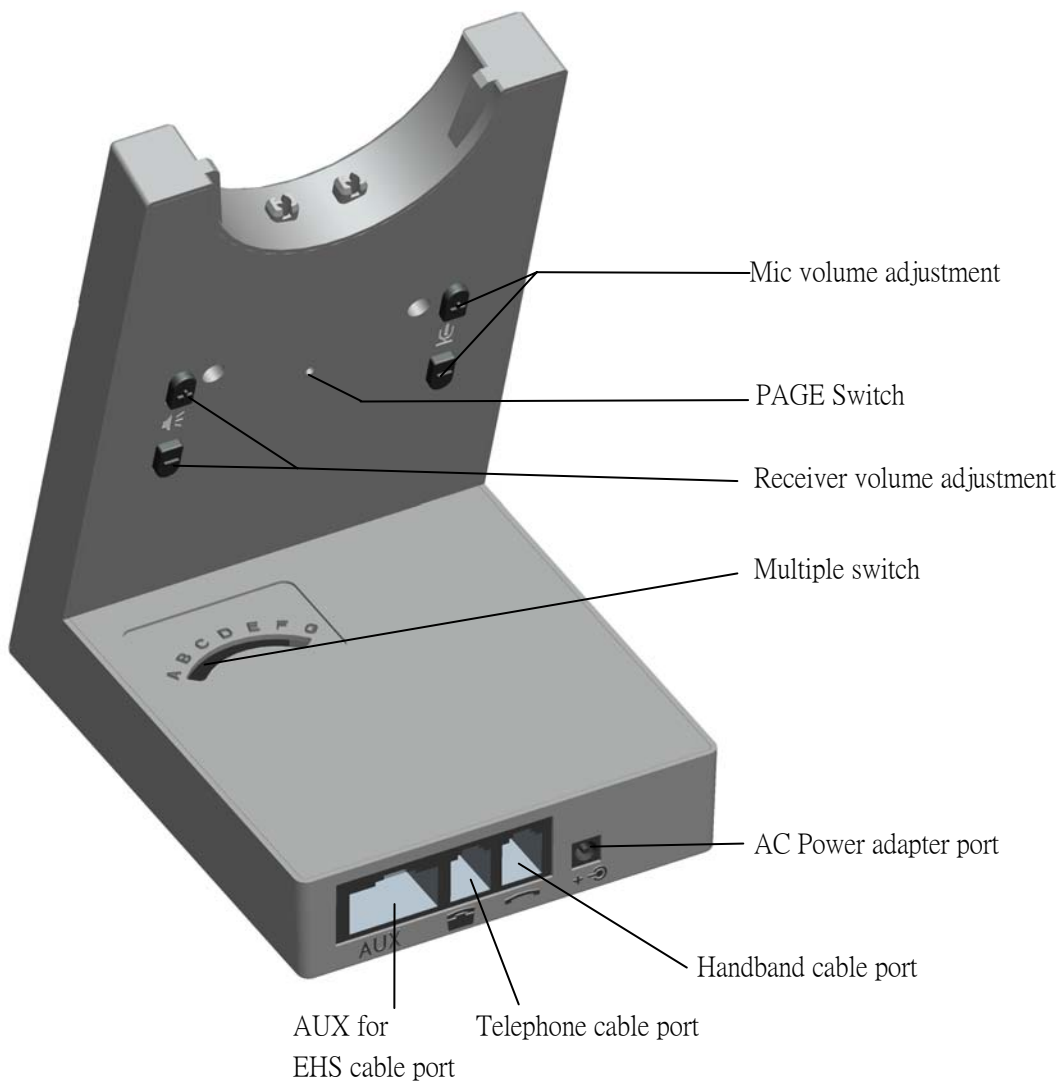
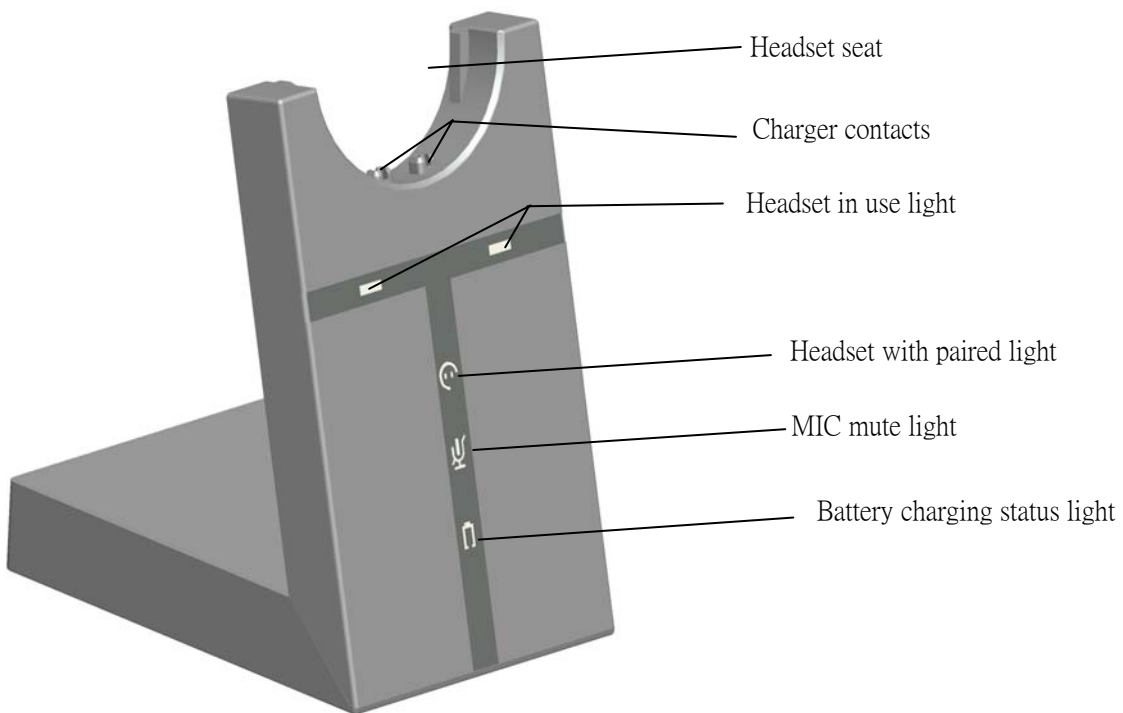


Telephone cable

## 2.2 HEADSET OVERVIEW



## 2.3 BASE OVERVIEW





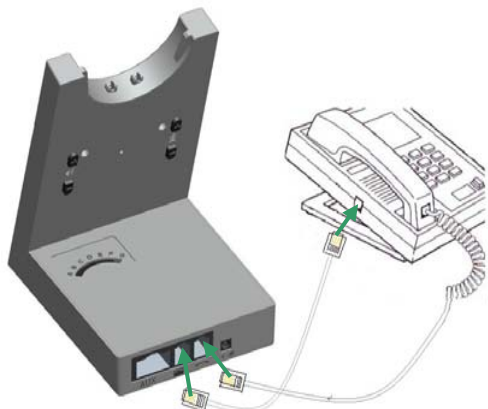
# 3 CONNECTING TO A DESK PHONE

## 3.1 CONNECT TO DESK PHONE

### Option 1


Desk Phone without Headset Port:  
this desk phone does not have a dedicated headset port.

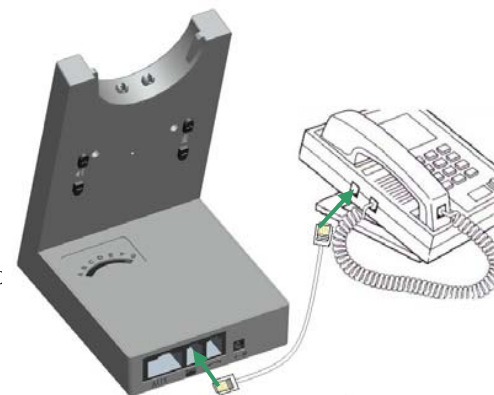
1. On the desk phone, unplug the handset cable from the phone body.
2. Connect the handset cable to the port marked  on the base.
3. Plug the supplied telephone cable into the port marked  on the base.
4. Connect the telephone cable into the handset port on the desk phone.



### Option 2



Desk Phone with Headset Port:  
This type of desk phone has a dedicated headset port(usually at the back of the phone). These phones typically have a button on the front panel for switching Between handset and headset.

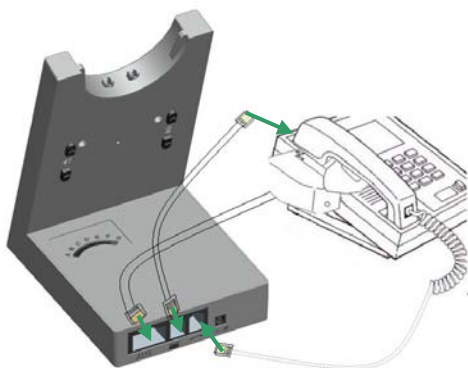
1. Plug the supplied telephone cable into the port marked  on the base.
2. Connect the telephone cable to the headset port on the desk phone.



### Option 3

Desk Phone with Lifter the remote handset:  
lifter manually lifts the desk phone handset to make or answer a call. For mounting Instructions refer to documentation supplied with the lifter.

1. On the desk phone, unplug the handset cable from the phone body.
2. Connect the handset cable to the port marked  on the base.
3. Plug the supplied telephone cable into the port marked  on the base.
4. Connect the telephone cable into the handset port on the desk phone.
5. Connect the Lifter cable into the port marked **AUX** on the base.

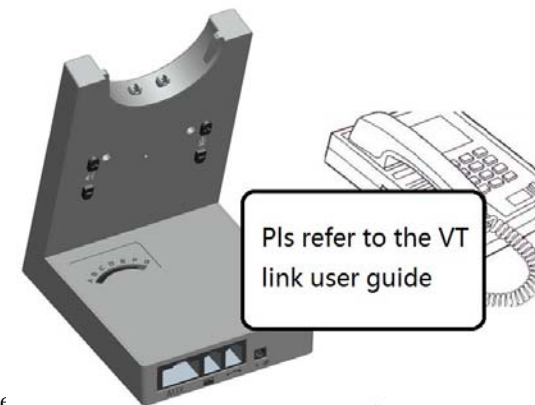


### Option 4


Desk Phone with VT Link:  
A VT Link adapter enables an incoming call to be answered or ended by the headset multi-function button.

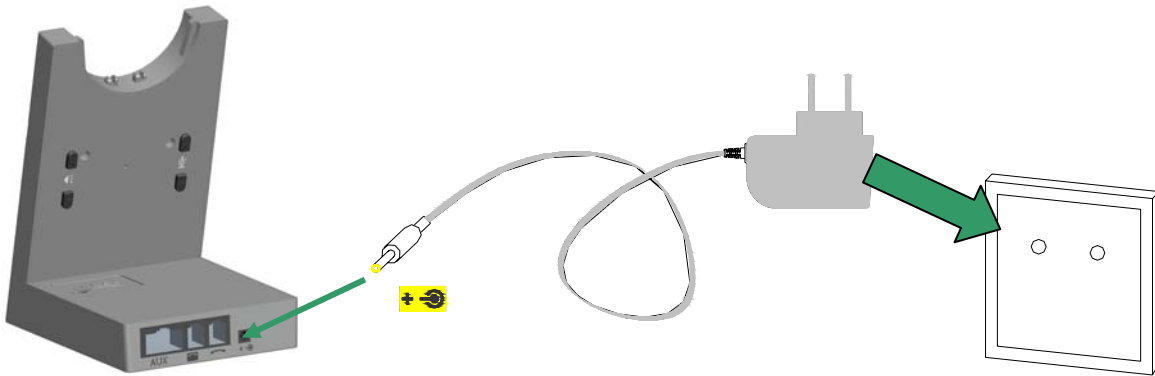
Contact your local VT dealer to purchase a VT Link adapter for your specific desk phone.

1. Connect the VT Link adapter as shown in adapter documentation supplied with the VT Link. On some phones the telephone cable will also need to be connected.
2. Call your connected desk phone using another phone to enable the VT Link adapter. Wait 10 seconds before answering the phone.




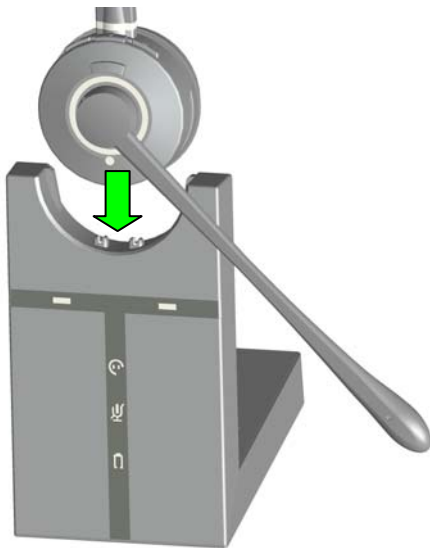
### 3.2 CONNECT POWER SUPPLY TO BASE




1. Plug the power adapter into the port marked  on the base.
2. Connect the power adapter to the mains power socket.



### 3.3 DOCK THE HEADSET

1. Press the Multiple function button, it will be powered on after the LED lights for 2S. Press the Multiple function button again or dock the headset with the base, then lifting the headset, the headset with paired light  will lit up when the headset and base are in the connection.



2. When docked correctly the headset battery will begin charging, if needed(LED will flash when charging ). Charge for 20 minutes or until the battery indicator on the base  is steady green.
3. Clear the paired base: Press the marked M+ at the back of the base, the battery charging status light will flash 3 times.
4. Renew to pair the headset: consistently press the PAGE switch for 5S, the headset with paired light  will flash to search the headset, consistently press the headset mute button until the headset status LED flash, then the headset are in the paired status. Connection will be successful when the LED power off in the same time.

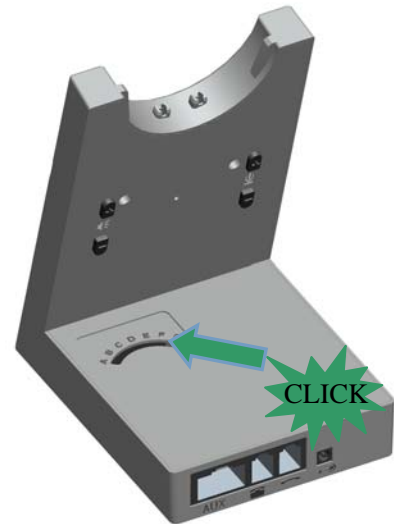


## 4. CONFIGURING THE DESK PHONE AUDIO



Due to the large range of desk phone brands/models available, a clear dial tone must be set before first-time use of the 9000 DECT. setting the clear dial tone will enable the 9000 DECT to function correctly with your specific desk phone. additionally it is also important to set the microphone volume for optimal sound quality.

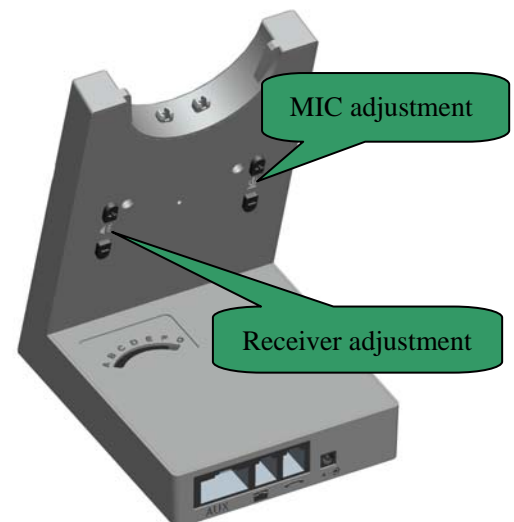
### 4.1 SET A CLEAR DIAL TONE

1. Put on the headset.
2. Get a dial tone by pressing the headset button on the desk phone, or by lifting the desk phone handset.
3. Locate the clear dial tone switch on the back of the 9000 DECT base, as illustrated, and while listening in the headset for a clear dial tone, rotate the switch from a to G.
4. Determine the best switch position. The dial tone should be strong, clear and undistorted.
5. When the clear dial tone is set, press the headset button on the desk phone, or return the desk phone handset to the receiver.



### 4.2 SET THE MICROPHONE VOLUME

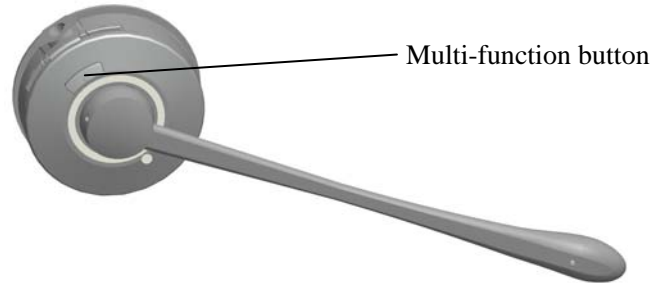
1. Put on the headset.
2. Get a dial tone by pressing the headset button on the desk phone, or by lifting the desk phone handset.
3. Make a test call. Call a friend or colleague to test your speaking volume. ensure the listener does not adjust their own volume.
4. Adjust the microphone volume using the microphone  + / - volume buttons, as illustrated, if your speaking volume is too loud or too quiet for the listener.
5. Adjust the receiver volume using the receiver  + / - volume buttons, as illustrated, if your listening volume is too loud or too quiet by the listener.
6. When the microphone volume is set, end the call.



## 5. 9000 DECT FEATURES

### 5.1 HEADSET MULTI-FUNCTION BUTTON

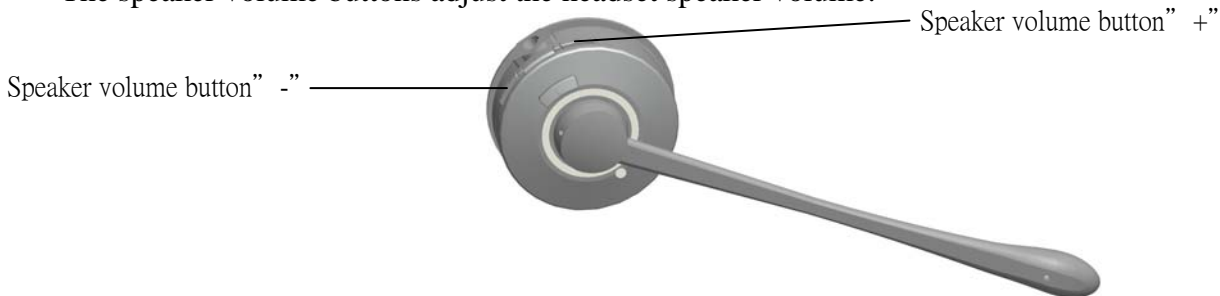
The multi-function button can answer calls and end calls using a combination of taps, double-taps or presses .



Function	Tap	Press hold
Answer incoming call	√	
End current call	√	
Power on	√	
Power off		√

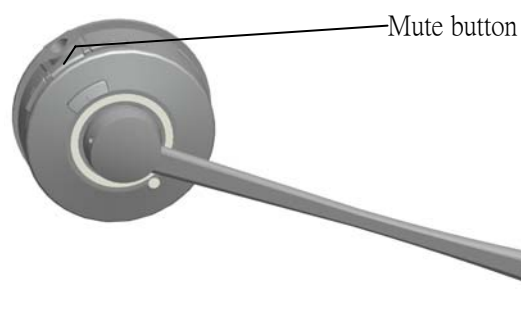
### 5.2 HEADSET SPEAKER VOLUME BUTTONS

The speaker volume buttons adjust the headset speaker volume.



### 5.3 HEADSET MUTE BUTTON

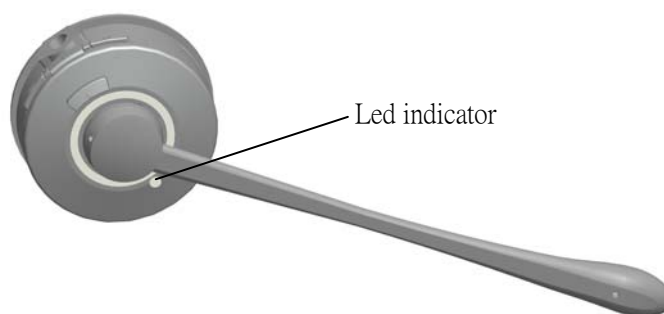
The mute button mutes or un-mutes the headset microphone.



Function	Tap	Press Hold
MIC muting	√	
Mute     Canceling	√	
In the paired status		√

## 5.4 HEADSET LED INDICATOR









The LED indicator indicates call status.



Headset state	LED Indicator
Power on	Light hold for 2S
Power off	ON 100ms OFF 100ms FLSSH 3S
Pairing	ON 250ms OFF 250ms FLASH
Standby	ON 250ms OFF 8s FLASH
Connected	Light on hold
Online	Light on hlod
Incoming call	ON 300ms OFF 700ms Flash
Headset docked in base	ON 3S OFF 5S FLASH ?
Low battery clarming	ON 300ms OFF 100ms+ON 300ms OFF500 FLASH

## 5.5 HEADSET AUDIO INDICATORS

The headset plays a variety of voice announcements and audio tones to indicate headset status and actions.

Headset status	Sound prompt
button tap	 volumeUpDown.wav
Maximum/Minimum speaker volume	 error.wav
Mic muting	 mute.wav
Audio connection	 rangeIn.wav
Off connection	 rangeOut.wav
Incoming call	 ring.wav
battery low	 battlow.wav
Out of range	 error.wav

## 5.6 BASE VISUAL INDICATORS

The 9000 DECT base has five LEDs to indicate battery, call status and events.



Icon	Status
	Online
	Link between headset and base
	Searching for headset
	Microphone muted
	Battery charging
	Full battery
	Unknown battery status

## 6. CALL MANAGEMENT

### 6.1 MAKING CALLS, ANSWERING CALLS AND ENDING CALLS

	Phone without headset port	Phone with headset port	Phone with VT Link, or Lifter
Make call	<ol style="list-style-type: none"> <li>Lift headset from docking cradle, or tap the multi-function button.</li> <li>Lift desk phone handset and set aside .</li> <li>Dial number using desk phone.</li> </ol>	<ol style="list-style-type: none"> <li>Lift headset from docking cradle, or tap the multi-function button.</li> <li>Tap the headset button on the desk phone.</li> <li>Dial number using desk phone.</li> </ol>	<ol style="list-style-type: none"> <li>Lift headset from docking cradle, or tap the multi-function button.</li> <li>Tap the headset button on the desk phone.</li> <li>Dial number using desk phone.</li> </ol>
Answer call	<ol style="list-style-type: none"> <li>Lift headset from docking cradle, or tap the multi-function button.</li> <li>Lift desk phone handset and set aside .</li> </ol>	<ol style="list-style-type: none"> <li>Lift headset from docking cradle, or tap the multi-function button.</li> <li>Tap the headset button on the desk phone.</li> </ol>	<ol style="list-style-type: none"> <li>Lift headset from docking cradle or tap the multi-function button.</li> </ol>
End call	<ol style="list-style-type: none"> <li>Pick off the headband of the desk phone ;</li> <li>Dock the headset, or tap the multi-function button call.</li> </ol>	<ol style="list-style-type: none"> <li>Tap the headset button on the desk phone</li> <li>Dock the headset, or tap the multi-function button call.</li> </ol>	Dock the headset, or tap the multi-function button call.

## 6.2 SWITCHING BETWEEN PHONE AND HEADSET

### Switch from desk phone to headset

1. Lift headset from docking cradle.
2. Do not return desk phone handset to receiver, as this will hang up the call.

### Switch from headset to desk phone ( without VT Link or Lifter )

1. Lift desk phone handset.
2. Dock headset, or tap the multi-function button.


### Switch from headset to desk phone ( without VT Link or Lifter )

1. Lift desk phone handset.
2. Refer to specific desk phone documentation. In some cases a button must be pressed on the desk phone, while in others the switch from handset to desk phone will be automatic.

## 6.3 CONFERENCE CALL WITH MULTIPLE HEADSETS

The 9000 DECT is able to pair with four headsets in total for conferencing: one primary and three secondary headsets.

### Connect the headset:

1. Consistently press the PAGE switch for 5S, the headset with paired light  will flash to search the headset, consistently press the headset mute button until the headset status LED flash, then the headset are in the paired status. Connection will be successful when the LED power off in the same time.
2. Repeat the procedure 1 to connect the four pieces of headsets.

### Conference call

1. Press the multiple function button to connect the headsets, then the audio will be shared between the headsets.
2. Dialing to enter the conference call.

### Ending or leaving the conference

The headset user can hang up the phone call to end the conference. At the same time, all headset calls are ended.

## 7. TECHNICAL SPECIFICATIONS

### 7.1 9000 DECT HEADSET

#### **Operating environment:**

0°C to +40°C; Up to 95% Rh non-condensing.

#### **Call control:**

Multi-function button support for answer call, end call, reject call, docking operations also answer and end calls.

#### **Volume control and microphone mute:**

button controls on headset.

#### **Visual indicator:**

LED indicates call status, pairing status and other events.

#### **Audio indicators:**

Tones indicate incoming calls, low battery, volume level, microphone muting and other events.

#### **Sound quality:**

DSP noise reduction; echo cancellation; tone control; wideband and narrowband audio.

#### **Recharge:**

While docked in the 9000 DECT Headset.

#### **Wireless standard:**

(CAT - IQ) European DECT and U.S. DECT.

#### **DECT range:**

For European DECT, up to 120 meters from 9000 DECT Headset base to headset.

For U.S. DECT, up to 350 feet from 9000 DECT Headset base to headset.

#### **DECT frequencies:**

US DECT: 1.92 - 1.93 Ghz.

EU DECT: 1.88 - 1.90 Ghz.

#### **Wearing-styles:**

Headband and ear hook

#### **Microphone boom arm style:**

Long boom arm °

**Speaker(s):**

Wideband speaker.

**Microphone:**

noise-cancelling microphone.

## 7.2 Headset Battery

**Battery type:**

Lithium Ion-polymer.

**Battery capacity:**

300 ma/h, typical.

**Battery talk time:**

Up to 8 hours.

**Battery lifetime:**

Minimum 1000 charge cycles.

**Battery standby time:**

At least 36 hours.

**Operating temperature range:**

-20°C to +60°C.

**Battery charge time:**

20% charge in less than 20 minutes.

50% charge in less than 45 minutes.

Full charge in less than 3 hours.

**Battery shelf life:**

headset battery holds charge for 6 months in the off state, before recharge is required.

## 7.3 9000 DECT BASE

9000 DECT base meets the following specifications.

**Dimensions:**



97mm x 75 mm x 120 mm °

**Wireless standard:**

(CAT - IQ) European DECT and U.S.DECT.

**Operating environment:**

-0°C to +40°C; Up to 95% Rh non-condensing.

**Recharge cradle:**

Fits supplied 9000 DECT series headset.

**Desk Phone connections:**

RJ-11 for handset, RJ-11 for phone body (or headset port), RJ-45 for AUX (for VT Link or lifter).

**Clear Dial tone switch and microphone volume switch:**

electromechanical switches. Clear dial tone switch and microphone volume level set manually.

## 7.4 PRODUCT DISPOSAL

Please dispose of the headset according to local regulations and recycle when possible. Do not dispose as household waste. Do not dispose of the headset in a fire as the battery may explode. batteries may also explode if damaged.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment . This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

#### Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new product is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each phone are performed in positions and locations as required by the FCC.

For headset, this part has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

For base, this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.