HS-9000

User Manual

CONTENT

1. WELCOME

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

HS-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.

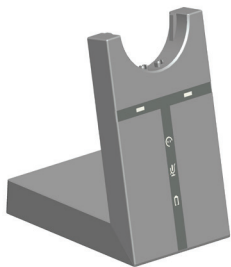HS-9000 DECT base features

• Headset recharge docking cradle.

• Visual call status indicators.

• Visual wireless connection status indicators.

• Mute indicators.

• Battery indicators.

• Voice-prompted configuration.

• Volume adjustment

• Port for HS Link adapter and remote handset lifter.
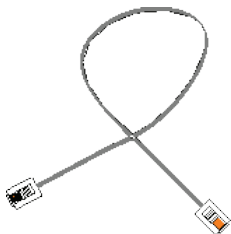
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PAGE Switch

Receiver volume adjustment

Multiple switch

AC Power adapter port

AUX for EHS cable port   Telephone cable port   Handset cable port

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.
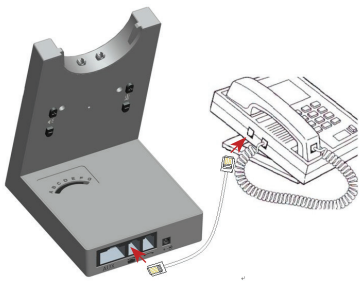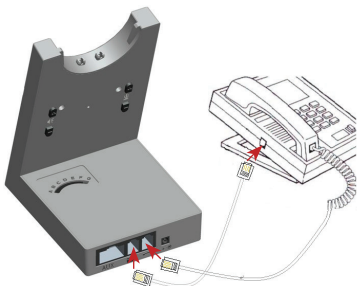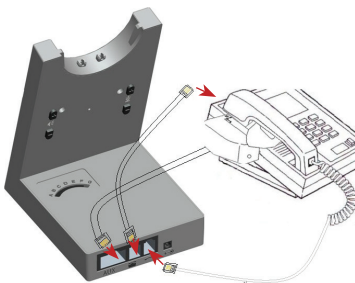
1. On the desk phone, unplug the handset cable from the phone body.

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 HS Link:

A HS Link adapter enables an incoming call to be answered or ended by the headset multifunction button.

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

1. Connect the HS Link adapter as shown in the adapter documentation supplied with the HS 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 HS Link adapter. Wait 10 seconds before answering the phone.

Please refer to the HS link user guide
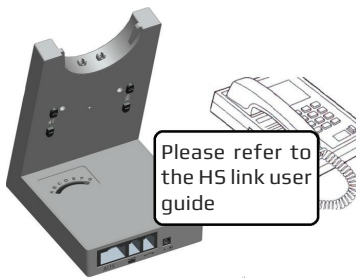
3.2. CONNECT POWER SUPPLY TO BASE

1. Plug the power adapter into the port marked ⊞⊙ on the base.
2. Connect the power adapter to the main power socket.

3.3. DOCK THE HEADSET

1. Press the Multiple function button, it will be powered on after the LED light shines for 2 seconds. Press the Multiple function button again or dock the headset with the base, then lift the headset. The headset with the paired light ↻ will light up when the headset and base are connected.
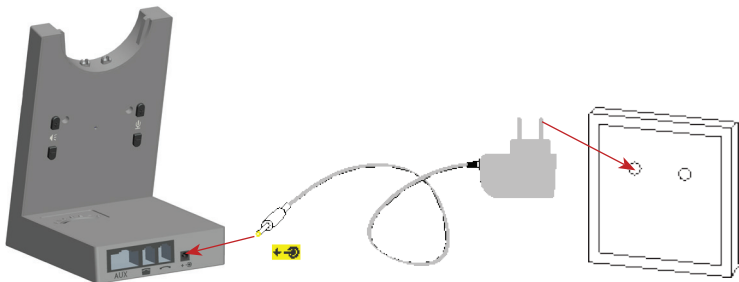
2. When docked correctly the headset battery will begin charging, if needed (LED will flash when charging ☼). Charge for 20 minutes or until the battery indicator on the base ▯ is a steady green.

3. Clear the paired base: Press R+ at the back of the base, the battery charging status light will flash 3 times.

4. Renew the headset pairing: consistently press the PAGE switch for 5 seconds, the headset with the paired light ☼ will flash to search for the headset. Consistently press the headset mute button until the headset status LED flashes, then the headsets are in paired status. Connection will be successful when the LED powers off at 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 using the HS-9000 DECT for the first time. Setting the clear dial tone will enable the HS-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 HS-9000 DECT base, as illustrated, and while listening through 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.

MIC adjustment

Receiver adjustment
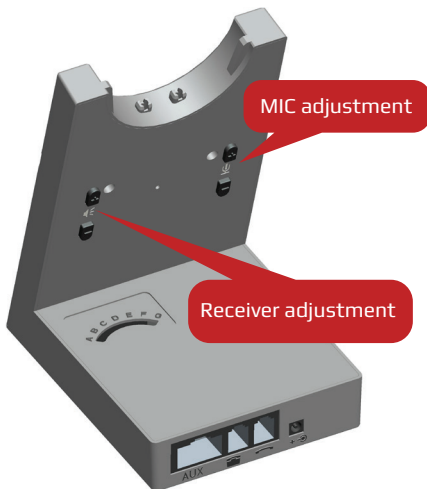
5. HS-9000 DECT FEATURES

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.

Multi-function button
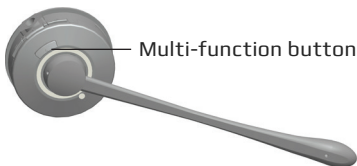
Function	Tap	Press hold
Answer incoming call	✓	
End current call	✓	
Power on	✓	
Power off		✓

5.2. HEADSET SPEAKER VOLUME BUTTONS

The speaker volume buttons adjust the headset speaker volume.

Speaker volume button "+"

Speaker volume button "-"
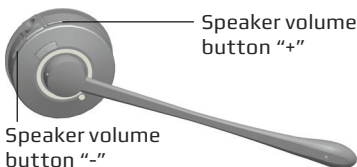
5.3. HEADSET MUTE BUTTON

The mute button mutes or unmutes the headset microphone.

Mute button
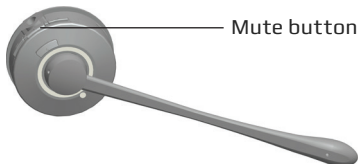
Function	Tap	Press hold
MIC muting	✓	
Mute Canceling	✓	
In the paired status		✓

5.4. HEADSET LED INDICATOR

The LED indicator indicates call status.
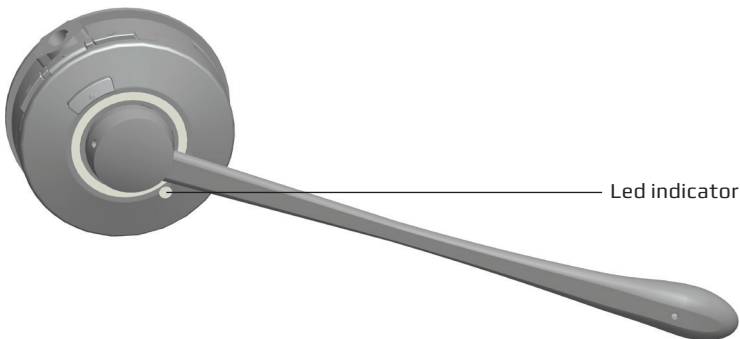
Led indicator

Headset state	LED Indicator
Power on	Light holds for 2S
Power off	ON 100ms OFF 100ms FLASH 3S
Pairing	ON 250ms OFF 250ms FLASH
Standby	ON 250ms OFF 8s FLASH
Connected	Light on hold
Online	Light on hold
Incoming call	ON 300ms OFF 700ms Flash
Headset docked in base	ON 3S OFF 5S FLASH
Low battery indicator	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 HS-9000 DECT base has five LEDs to indicate battery, call status and events.
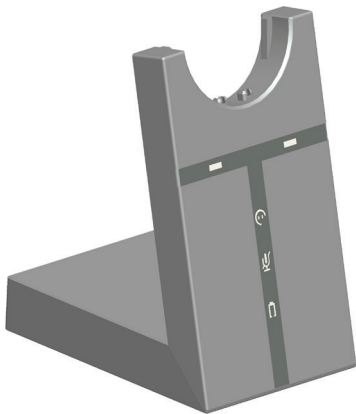
Icon	Status
	Online
	Link between headset and base
	Searching for headset
	Microphone muted
	Battery charging
	Full battery
	Battery status unknown

6. CALL MANAGEMENT

6.1. MAKING CALLS, ANSWERING CALLS AND ENDING CALLS

	Phone without headset port	Phone with headset port	Phone with HS Link, or Lifter
Make call	1. Lift headset from docking cradle, or tap the multi-function button. 2. Lift desk phone handset and set aside. 3. Dial number using desk phone.	1. Lift headset from docking cradle, or tap the multi-function button. 2. Tap the headset button on the desk phone. 3. Dial number using desk phone.	1. Lift headset from docking cradle, or tap the multi-function button. 2. Tap the headset button on the desk phone. 3. Dial number using desk phone.
Answer call	1. Lift headset from docking cradle, or tap the multi-function button. 2. Lift desk phone handset and set aside.	1. Lift headset from docking cradle, or tap the multi-function button. 2. Tap the headset button on the desk phone	1. Lift headset from docking cradle, or tap the multi-function button.
End call	1. Hang up desk phone. 2. Dock the headset, or tap the multi-function call button.	1. Tap the headset button on the desk phone 2. Dock the headset, or tap the multi-function call button.	3. Dock the headset, or tap the multi-function call button.

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 HS Link or Lifter)

1. Lift desk phone handset.

2. Dock headset, or tap the multi-function button.

Switch from headset to desk phone (without HS 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 HS-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 5 seconds, the headset with paired light 🌀 will flash while searching for the headset, consistently press the headset mute button until the headset status LED flashes, then the headsets are paired. Connection is successful when the LED powers off at the same time.

2. Repeat procedure 1 to connect the four headsets.

Conference call

1. Press the multiple function button to connect the headsets, after this the audio will be shared between them.

2. Dial 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.   HS-9000 DECT HEADSET

Operating environment	0˚C to +40˚C; Up to 95% Rh non-condensing.
Call control	Multi-function button support for answering calls, ending calls, rejecting calls, docking operations.
Volume control and microphone mute	Button controls on headset.
Visual indicator	LED indicates call status, pairing status, and more.
Audio indicators	Tones indicate incoming calls, low battery, volume level, microphone muting and more.
Sound quality	DSP noise reduction; echo cancellation; tone control; wideband and narrowband audio.
Recharge	While docked in the HS-9000 DECT Headset.
Wireless standard	(CAT - IQ) European DECT and U.S. DECT.
DECT range	For European DECT, up to 120 meters from HS-9000 DECT Headset base to headset. For U.S. DECT, up to 350 feet from HS-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% charged in less than 20 minutes. 50% charged in less than 45 minutes. Fully charged in less than 3 hours.
Battery shelf life	Headset battery stays charged for 6 months in the off state, before recharging is required.

7.3. HS-9000 DECT BASE

HS-9000 DECT base meets the following specifications.

Dimensions	97mm×75 mm×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 HS-9000 DECT series headset.
Desk Phone connections	RJ-11 for handset, RJ-11 for phone body (or headset port), RJ-45 for AUX (for HS Link or lifter).
Clear Dial tone switch and microphone volume switch	Electromechanical switches. Clear dial tone switch and microphone volume levels set manually.

7.4. PRODUCT DISPOSAL

Safety

For your own safety, this product should only be used with CE and RoHS approved equipment. Using this headset with non-approved equipment would void the warranty of this product.

Disposal of your product

Municipal waste stream. Old appliances must be collected separately in order to optimise the recovery and recycling of the materials to reduce the impact on human health and the environment. The crossed out "wheeled bin" symbol on the product reminds you of your obligation that when you dispose of the appliance, it must be separately collected. Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.