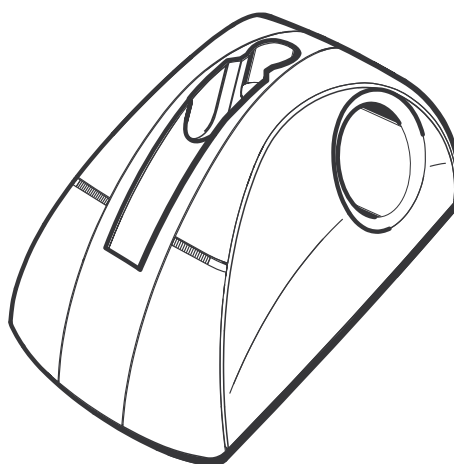
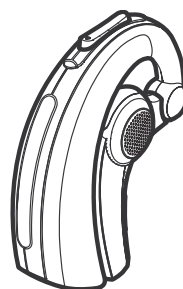


# VMX OFFICE

Instruction Manual  
Bedienungsanleitung  
Notice d'emploi  
Istruzioni per l'uso  
Instrucciones de uso  
Manual de utilização  
Betjeningsvejledning  
Bruksanvisning  
Bruksanvisning  
Gebruiksaanwijzing





English

Deutsch

Français

Italiano

Español

Portugues

Dansk

Svenska

Norsk

Nederlands



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## Features

### Headset features

- VoiceMax™ Dual Microphone technology
- Adaptive Intelligence: automatically compensating for ambient noise and “remembering” the user’s preferred settings
- 3D ball joint for individual wearing comfort
- Automatic power off/on when microphone arm is closed/opened
- ActiveGard™ protection against acoustic shocks
- Bluetooth 2.0: compatible with all Bluetooth 1.1, 1.2 and 2.0 devices that support the “hands free” or “headset” profile
- Supports eSCO (extended Synchronous Connections) improving the sound quality of the Bluetooth audio link
- Security: 128-bit digital encryption
- Up to five hours talk time
- Up to 100 hours stand-by time
- Charging directly from your PC and car adapter
- Superior Sennheiser audio quality
- Two way speaker for choice of left/right side wearing
- Steel mesh protected speaker unit
- Extremely lightweight and comfortable (15 grams)

- Small microphone boom impairs neither the user's freedom of movement nor his or her field of vision

### Base Station features

- Dual connectivity technology (phone and PC)
- PC USB interface (accessory cable not included)
- Direct DHSG fixed line phone support
- AEI phone support via TCI 01 interface (not included)
- Direct handset lifter support
- Automatic handset switching when headset is charging

### More room to move

The VMX OFFICE system is a Class 2 mobile phone and Bluetooth device supporting the Bluetooth 2.0 standard.

It provides long-range operation and maximum compatibility. With the base station connected to your fixed line phone and PC, you can roam around the building up to a distance of 30 m. Additionally, you can move up to 10 metres away from your Bluetooth-enabled devices such as mobile phones, PCs and PDAs.

### Optimum connectivity

The Bluetooth interface allows the VMX OFFICE system to be connected to several devices. Whether you are using a mobile phone or other phone types such as smart phones or soft phones – the VMX OFFICE system is compatible with all types of speech-based mobile phone and Bluetooth devices.

The user-friendly pushbutton interface provides for seamless changeover between your mobile phone or any Bluetooth device connected, respectively, and your fixed line phone or PC, respectively, that is connected via the base station.

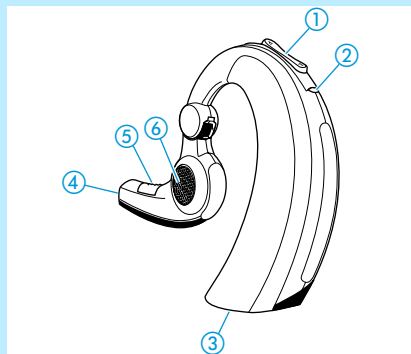
## Delivery includes

- 1 VMX Bluetooth headset with built-in rechargeable Li-polymer battery
- 1 VMX OFFICE base station
- 1 phone connecting cable (already plugged to the base station)
- 1 base station power supply
- 1 USB charging cable
- 1 car charger unit
- 1 Quick Setup Guide
- 1 CD with detailed Instruction Manual



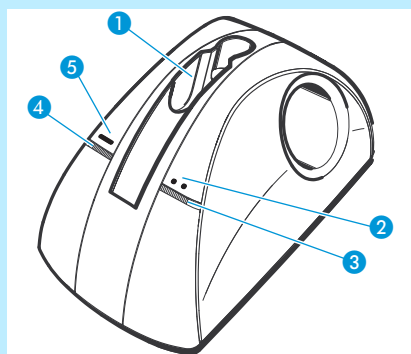
# Operating elements

## Headset



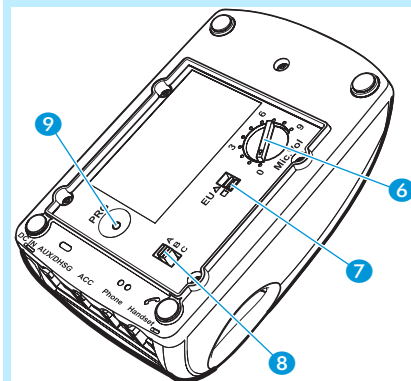
- ① volume button
- ② headset LED
- ③ socket for power supply
- ④ microphone boom
- ⑤ hook button
- ⑥ speaker

## Base Station

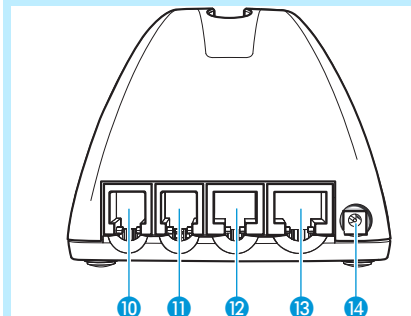


- ① charging slot

- ② PHONE button ●●
- ③ PHONE LED
- ④ AUX button ●
- ⑤ AUX LED



- ⑥ microphone volume control
- ⑦ EU switch
- ⑧ ABC switch
- ⑨ PROGRAM button



- ⑩ HANDSET socket
- ⑪ PHONE socket ●●
- ⑫ ACC socket
- ⑬ AUX/DHSG socket ●
- ⑭ DC IN socket

## Button overview

### Buttons on the headset

Button	Function	Page
micro- phone boom ④	switch the headset on or off	16
	accept incoming call	16
	end a call	18
hook button ⑤	accept incoming call	16
	reject a call	18
	end a call	18
	transfer a call from the mobile phone to the headset	18
	activate redialling	17
	activate voice dialling	17
	mute the microphone	20
	un-mute the microphone	20
volume button ①	change the speaker volume	20
	change the ring tone volume	20
	un-mute the microphone	20
volume button ① + micro- phone boom ④	enter pairing mode	13

### Buttons on the base station

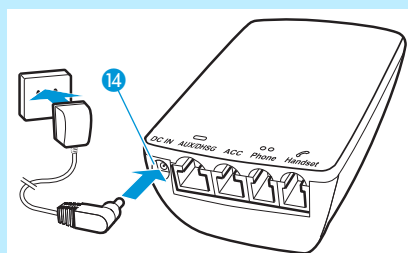
Button	Function	Page
PHONE button ② (●●)	activate connection to the device connected to the PHONE socket ① (usually fixed line phone)	16
AUX button ④ (●)	activate connection to the device connected to the AUX/DHSG socket ⑬ (e.g. PC for VoIP)	

## Setting up

Upon delivery, the headset and the base station are pre-paired together. You just have to:

1. connect the base station to the mains
2. connect the base station to your fixed line phone and/or PC
3. pair the headset to your mobile phone.

### Connecting the base station to the mains



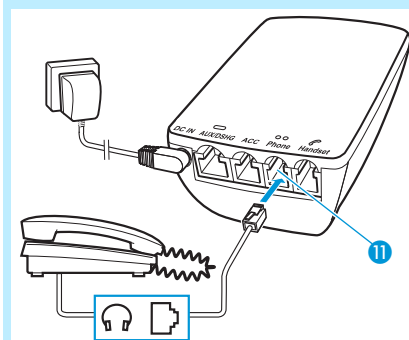
- ▶ Connect the power supply to the DC IN socket 14 and to the mains. All LEDs light up for 2 seconds.

### Connecting the base station to a fixed line phone

There are three different types of fixed line phones:

1. fixed line phones with headset socket
2. usual fixed line phones
3. fixed lined phones featuring a DHSG interface

### Type 1: Connecting the base station to a fixed line phone with a headset socket



If there is a dedicated headset socket at your phone, it should be used.

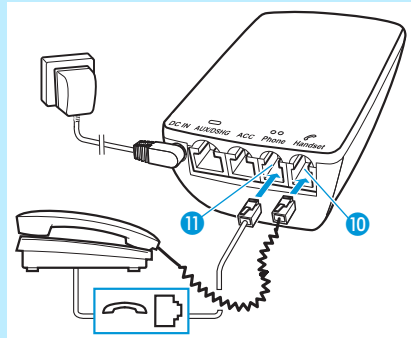
**i** Please refer to your fixed lined phone manual to find out which socket should be used for connecting.

- ▶ Connect the cable which is already connected to the base station (PHONE socket 11) to the fixed line phone headset socket.

To test the phone connection:

- ▶ Pick up the handset. If the dial tone is heard in the handset, the system is connected properly. If no dial tone is heard, please refer to "Adjusting to your fixed line phone" on page 12.

### Type 2: Connecting the base station to a usual fixed line phone

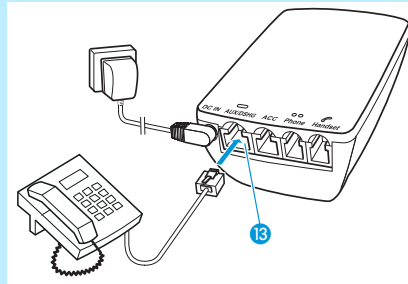


- ▶ Disconnect the handset from your fixed line phone, but leave it on the phone.
- ▶ Plug the free handset cable connector to the base station HANDSET socket ⑩.
- ▶ Connect the cable which is already connected to the base station (PHONE socket ⑪) to the fixed line phone socket where the handset cable was connected before.

To test the phone connection:

- ▶ Pick up the handset.  
If the dial tone is heard in the handset, the system is connected properly.  
If no dial tone is heard, please refer to "Adjusting to your fixed line phone" on page 12.

### Type 3: Connecting the base station to a fixed lined DHSG phone



- ▶ Connect the accessory cable (RJ 45 DHSG cable, not included) to the AUX/DHSG socket ⑬ and to the DHSG phone.

**i** To connect special phones with call control please ask your service partner.

To test the phone connection:

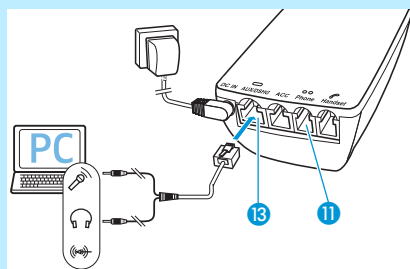
- ▶ Make sure the base station AUX LED ⑤ is on. If not:  
Press the AUX button ④ ( ).  
The AUX LED ⑤ is on now.
- ▶ Put on the headset.
- ▶ On the headset, press the hook button ⑤.  
If the dial tone is heard in the handset, the system is connected properly.  
If no dial tone is heard, please refer to "Adjusting to your fixed line phone" on page 12.

## Connecting the base station to a computer

For multimedia purposes or voice over IP (internet telephony) you can connect the VMX OFFICE system to a computer. There are two ways to connect to a computer:

1. If your computer features a Bluetooth interface, you can connect the headset directly via Bluetooth as described in "Pairing to other Bluetooth devices" on page 14. In this case you do not require the base station for VoIP.
2. Connecting the Base Station:
  - either to two 3.5 mm jack sockets of a usual sound card
  - or via UUSB 7 to a special sound card
  - or via USB. This is the only connection that allows to make and accept calls with a mouse-click, i.e. without having to press any button (this requires a VoIP call control software).

### Connecting the base station to the headphone output and the microphone input socket of a computer sound card



- ▶ Connect the RJ 9 plug of the accessory cable (not included):
  - to the AUX/DHSG socket 13 if you use a usual fixed line phone or no phone at all
  - to the PHONE socket 11 if you use a DHSG phone
- ▶ Connect the cable with 3.5 mm jack plugs to the RJ 45 plug of the accessory cable (not included).
- ▶ Connect the 3.5 mm jack plugs to the green headphone output socket and the red microphone input socket

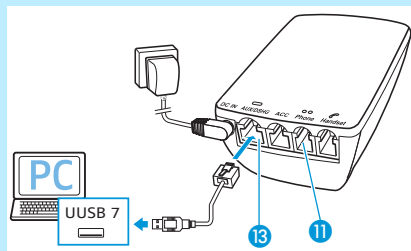
To test the PC connection:



Before testing make sure the PC works accordingly.

- ▶ Make sure the base station AUX LED 5 is on. If not: Press the AUX button 4 ( ). The AUX LED 5 is on now.
- ▶ Put on the headset.
- ▶ Play a sound file on the PC.
- ▶ On the headset, press the hook button 5. If the sound file is heard in the headset, the system is connected properly. If no sound file is heard, please refer to "Adjusting to your fixed line phone" on page 12.

### Connecting the base station with UUSB 7 socket to the computer sound card



- ▶ Connect the RJ 9 plug of the accessory cable (not included):
  - to the AUX/DHSG socket 13 if you use a usual fixed line phone or no phone at all
  - to the PHONE socket 11 if you use a fixed line DHSG phone
- ▶ Connect the cable with the UUSB 7 plug to the RJ 45 plug of the accessory cable (not included).
- ▶ Connect the UUSB 7 plug to the UUSB 7 socket of the computer sound card.

#### To test the PC connection

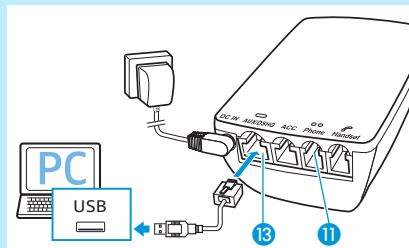


Before testing make sure the PC works accordingly.

- ▶ Make sure the base station AUX LED 5 is on. If not: Press the AUX button 4 ( ). The AUX LED 5 is on now.
- ▶ Put on the headset.
- ▶ Play a sound file on the PC.

- ▶ On the headset, press the hook button 5. If the sound file is heard in the headset, the system is connected properly. If no sound file is heard, please refer to "Adjusting to your fixed line phone" on page 12.

### Connecting the base station to a USB socket of a computer



- ▶ Connect the RJ 9 plug of the accessory cable (not included):
  - to the AUX/DHSG socket 13 if you additionally connect a usual fixed line phone or no phone at all
  - to the PHONE socket 11 if you additionally connect a fixed line DHSG phone
- ▶ Connect the cable with the USB plug to the RJ 45 plug of the accessory cable (not included):
- ▶ Connect the USB plug to a USB socket of the computer.
- ▶ Install the Sennheiser call control software as described in the Sennheiser call control software manual.

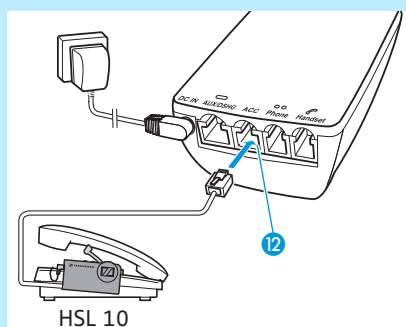
To test the PC connection:



Before testing make sure the PC works accordingly.

- ▶ Make sure the base station AUX LED ⑤ is on. If not: Press the AUX button ④ ( ). The AUX LED ⑤ is on now.
- ▶ Put on the headset.
- ▶ Dial up a contact with your VoIP softphone.
- ▶ On the headset, press the hook button ⑤.
- ▶ Have a conversation via the headset.
- ▶ End the call by pressing the hook button ⑤ on the headset. If the communication stops and the VoIP softphone ends the call, the system is connected properly. If the communication does not stop or the VoIP softphone does not end the call, please refer to the Sennheiser call control software manual.

### Connecting a handset lifter to the base station (optional)



When connecting a Sennheiser Communications handset lifter (e.g. HSL 10, see "Accessories" on page 22):

- ▶ Connect the handset lifter to the ACC socket ⑫.
- ▶ Install the microphone as described in the handset lifter manual.
- ▶ Attach the handset lifter to the phone as described in the handset lifter manual.
- ▶ Connect the TCI 01 as described in the TCI 01 manual.

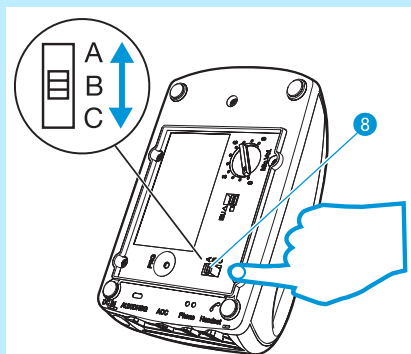
To test the handset lifter setup:

- ▶ Close and then open the microphone boom ④. The headset LED ② flashes once every 5 seconds to indicate that the headset is in standby mode.
- ▶ Press the PHONE button ② ( ). The connection to the headset can be established.
- ▶ Press either the hook button ⑤ or the PHONE button ② ( ). A wireless link is established between the headset and the base station. The handset lifter lifts off the handset automatically and the dial tone is heard in the headset.
- ▶ If no clear dial tone is heard, please refer to "Manufacturer declarations" on page 23.

## Adjusting to your fixed line phone

To ensure optimum intelligibility, adjust the VMX OFFICE system to your phone as follows:

- ▶ Press the PHONE button ② (●●).
- ▶ Wait until the PHONE LED ③ lights up blue.  
The headset is recognised.
- ▶ Put on the headset.
- ▶ Press the hook button ⑤.  
A wireless link is established between the headset and the base station.
- ▶ Pick up the phone handset.
- ▶ Adjust the ABC switch ⑧ so that the dial tone can be heard loud and clear in the headset.



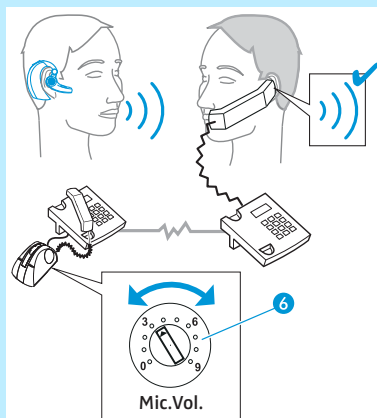
- ▶ Turn the microphone volume control ⑥ to position 1.
- ▶ Make a test call to someone while adjusting the microphone sensitivity.

- ▶ Speak to the other party by alternately using the handset and the headset:

- Start with the handset.
- Switch between the both by pressing the PHONE button ② (●●).

When the handset is activated the PHONE LED ③ is lit constant blue.

When the headset is activated the PHONE LED ③ blinks blue.

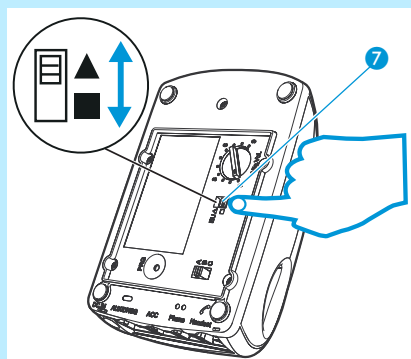


- ▶ Turn the microphone volume control ⑥ so that the other party can hear you at a comfortable level, whether you use the headset or the handset.
- ▶ Hang up the phone and press either the headset hook button ⑤ or the PHONE button ② (●●).



### Limiting the speaker volume

The VMX OFFICE allows you to limit the speaker volume of the headset to comply with EU Directive 2003/10/EC.



- ▶ Push the EU switch 7 in the desired position:
  - ■: The speaker volume is not reduced.
  - ▲: When telephoning via the base station, the speaker volume is reduced. Even if you set the volume at maximum, the volume will never exceed 85 dB (A) per day as a time-weighted average<sup>1)</sup> value, which is in compliance with the EU Noise Directive<sup>2)</sup>.

<sup>1)</sup>The time-weighted average value is based on a breakdown of a typical working day and measured as the sound pressure level with a B&K HATS (Head and Torso Simulator).

<sup>2)</sup>EU Directive 2003/10/EC on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (noise).

### Pairing the headset

Upon delivery, the headset and the base station are pre-paired together. You can pair the headset to:

- a mobile phone
- or a similar device with a Bluetooth "handsfree" or "headset" profile



**Pairing** means forming a pair of devices by establishing a trusted relationship. This has to be done only once.

**Connecting** means establishing a certain Bluetooth connection to the paired device. This is done each time you make or receive a call.

Once you have paired and connected to a Bluetooth device, the headset will remember this setting and automatically try to connect to the last used device every time you open the boom arm.

- If last connected to a base station, the headset will try to connect to a base station when the boom arm is opened the next time.
- After a firmware update, the headset will automatically connect to a base station.

#### Pairing to a mobile phone

- ▶ Make sure the headset is switched on and placed close to the mobile phone.
- ▶ Enter the pairing mode by opening the microphone boom 4 while pressing the volume button 1 at the same time.

The headset LED ② flashes alternately in red and blue to indicate that the headset is in the pairing mode.

- ▶ On the mobile phone, start a search for Bluetooth devices (see the manual of your mobile phone) and follow any instructions displayed on the mobile phone display.
- ▶ Once the headset is detected by the mobile phone, select "VMX". When the Bluetooth connection is successfully established, the headset is identified as "VMX OFFICE" in the mobile phone display.
- ▶ When the mobile phone prompts a keyword, enter four zeros (0000). If pairing was successful, the headset LED ② flashes slowly in blue.

Once paired, the mobile phone is able to transfer the call audio to the headset – either automatically or manually (please see the mobile phone manual whether the call audio is transferred automatically or manually). Most mobile phones show a headset symbol in their display, if successfully connected.

#### Pairing to other Bluetooth devices

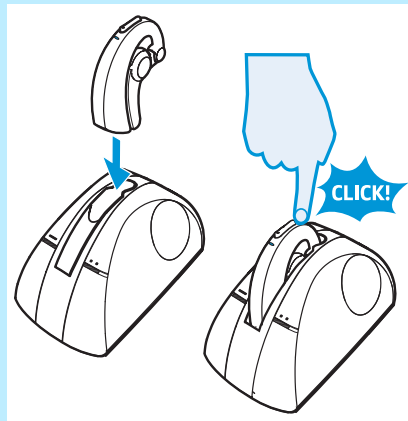
If you wish to pair the headset to other Bluetooth devices, please see the Bluetooth device manual.

## Operating

### Charging the headset

Charging the Headset for the first time, allow to charge for at least two hours without interruption. Later, 1½ hours is enough to fully charge the battery.

A fully charged headset provides a talk time of up to five hours or a stand-by time of up to 100 hours.



When the battery is about to run flat:

- The headset LED ② flashes red.
- Three beeps are heard in the headset every 30 seconds (3x).
- Less than five minutes of talk time are left.

There are four ways to charge the battery in the headset:

1. In the base station charging slot ①.
2. With the VMX car charger unit.
3. With any USB socket of a computer.

4. With the USB wall plug available as an accessory.

If the battery is completely drained, the headset LED ② flashes red in the beginning of the charging process. During charging, the headset LED ② lights up red. When charging is complete, the headset LED ② lights up blue.

#### 1. Charging in the base station charging slot

- ▶ Take off the headset and close the microphone boom ④.  
The headset is switched off.
- ▶ Put the headset in the charging slot ①.  
The headset LED ② lights up red.

**i** When you leave the headset on while it is being charged, the headset remains connected to the base station.  
When a call comes in via the base station, just remove the charging cable. The headset will be ready immediately to answer the call.

#### 2. Charging with the VMX OFFICE car charger unit

- ▶ Take off the headset.
- ▶ Connect the small plug of the USB charging cable to the socket for power supply ③.
- ▶ Connect the USB plug of the USB charging cable to the USB socket of the VMX car charger unit.

- ▶ Connect the car charger unit to the cigarette lighter in the car.

#### 3. Charging with a USB socket

- ▶ Take off the headset.
- ▶ Connect the small plug of the USB charging cable to the socket for power supply ③.
- ▶ Connect the USB plug of the USB charging cable to a USB socket of a computer.

#### 4. Charging with the USB wall plug available as an accessory

- ▶ Take off the headset.
- ▶ Connect the small plug of the USB charging cable to the socket for power supply ③.
- ▶ Connect the USB plug of the USB charging cable to the USB socket of the power supply
- ▶ Connect the power supply to the mains.

#### Wearing the headset

- ▶ Open the microphone boom ④.  
The headset is turned on. The headset LED ② starts flashing slowly in blue.
- ▶ Put the headset on. The headset can be worn on either the left or right ear.
- ▶ Turn the microphone boom ④ towards your mouth.



The speaker ⑥ operates in two directions so that you can wear the headset on either your left or right ear without changing it. However, the speaker is designed so that other people in the vicinity cannot listen to the other party and are not disturbed by the speaker.

## Switching on/off

### Switching the headset on

- ▶ Open the microphone boom ④.



A call is answered immediately from the last used device by opening the microphone boom without any further action (there might be a little delay depending on the type of mobile phone used).

### Switching the headset off

- ▶ Close the microphone boom.



All settings are saved when the headset is switched off.

### Switching the base station off

- ▶ Unplug the power supply.

### Switching the base station on

- ▶ Connect the base station to the mains as described on page 7.

## Basic telephoning

Provided the headset is switched on and in transmission range of either the base station or the mobile phone or both (see page 19), you can accept and make calls.

### Accepting a call via the base station

When you receive a call either via your OFFICE or PC phone<sup>1)</sup> you hear a ring tone in the speaker ⑥. In addition, the headset LED ② and the PHONE LED ③ flash quickly.

To accept the call from a fixed line phone when the headset is already switched on:

- ▶ Press
  - the hook button ⑤ to answer any call from the phone or PC or
  - the PHONE button ② (●●) to answer calls from the phone.

A wireless link is established between base station and headset.

- ▶ If no automatic handset lifter is installed on your fixed line phone, pick up the phone handset manually. The link to the phone is established.



If an automatic handset lifter is installed on your phone, it picks up the handset automatically.

- ▶ Start to talk.

<sup>1)</sup>Only if you use a handset lifter with ring tone detection or the TCI 01 box or the Sennheiser Communications USB call control software.

To accept the call when the headset is not switched on:

- ▶ Open the microphone boom ④. The headset is switched on and the call is answered immediately without any further action (there might be a delay depending on the type of mobile phone you use).
- ▶ Put the headset on your ear.
- ▶ Start to talk.

#### Accepting a mobile phone call

When you receive a call via your mobile phone you hear a different ring tone in the headset. In addition, the headset LED ② flashes quickly.

- ▶ Press the hook button ⑤. A wireless link is established between headset and mobile phone.
- ▶ Start to talk.

If no ring tone is heard in the headset:

- ▶ Press and hold the hook button ⑤ for approx. two seconds. The Headset will then answer the mobile phone call.

#### Making a call via the base station

- ▶ Press either the base station PHONE button ② (●●) or briefly press the headset hook button ⑤. A wireless link is established between the headset and the base station.
- ▶ If no automatic handset lifter is installed to your fixed line phone, pick up the phone handset manually. The link to the phone is established and the dial tone is heard.



If an automatic handset lifter is installed to your phone, it picks up the handset automatically.

- ▶ Dial the number and talk.

#### Making a call with the mobile phone or Bluetooth device

Make sure the headset and the mobile phone are connected. If not see "Pairing to a mobile phone" on page 13.

- ▶ Dial the number and talk.

#### Redialling with the mobile phone

Automatic redialling the last number is only possible with certain mobile phone or Bluetooth devices. Please refer to your Mobile phone or Bluetooth device's manual.

- ▶ Quickly press the headset hook button two times. The last dialled number is redialled.



Some mobile phones require several double pushes on the headset hook button to start redialling.

#### Voice dialling

The voice dialling function must be supported by your mobile phone or Bluetooth device and be activated.

- ▶ Make sure the recording of your code word of the voice dialling function is done with the headset as the headset provides a better sound quality than

most mobile phone or Bluetooth device microphones do.

- ▶ Press and hold the headset hook button ⑤ until a confirmation beep is heard.
- ▶ Say the name of the other party. The mobile phone or Bluetooth device dials the corresponding number automatically.



Not all mobile phones support this feature.

#### Ending a call via the base station

- ▶ Press either the base station PHONE button ② (●●) or the headset hook button ⑤. The wireless link between the headset and the base station is terminated.
- ▶ If no automatic handset lifter is installed to your fixed line phone, hang up the phone handset manually. The link to the phone is terminated.



If an automatic handset lifter is installed on your phone, it hangs up the handset automatically.

#### Ending a mobile phone call

- ▶ Press the headset hook button ⑤. The call ends.
- ▶ See your mobile phone manual whether your mobile phone terminates the call automatically or you have to terminate the call manually.

## Advanced call management

### Toggleing between calls via fixed line phone and mobile phone and vice versa

Toggleing between fixed line phone calls and mobile phone calls allows you to quickly switch from one call to another and vice versa.

- ▶ Press and hold the hook button ⑤ until a beep is heard in the headset. The current call is ended automatically and the new call is accepted.



If your fixed line or mobile phone support call waiting, please control from the phone.

### Rejecting a call from the mobile phone or Bluetooth device

- ▶ Press and hold the hook button ⑤ while the mobile phone is ringing until a beep is heard in the headset. The ringing stops. Depending on the mobile phone or Bluetooth device settings, the call is either rejected or transferred to a voice mailbox.

We recommend that rejection of phone calls are done from the mobile phone.

### Transferring an ongoing call from the mobile phone to the headset

- ▶ Press and hold the hook button ⑤. A beep is heard in the headset. The call audio is transferred to the headset.

**Transferring a call from the headset to the mobile phone**

Please see your mobile phone manual on how to transfer the call audio from the headset to your mobile phone.

**Listening to an external audio source**

**i** During the reception of a Bluetooth audio source the headset is unable to detect or to make any call via your mobile or fixed line phone.

To establish a link to a Bluetooth audio source:

- ▶ Pair the headset with the Bluetooth audio source (please see the Bluetooth device manual).
- ▶ With the audio source, establish a Bluetooth connection to the headset. The headset hook button is not usable to establish a Bluetooth connection with external audio sources. The headset accepts the audio signal automatically. The audio is heard in the headset.

To end the link to a Bluetooth audio source:

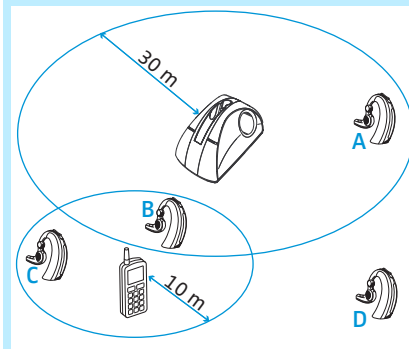
- ▶ Press the hook button ⑤ or use the audio source to end the Bluetooth connection to the headset.

**If you leave the transmission range**

Telephoning is only possible in the Bluetooth transmission range of the base station or the mobile phone or Bluetooth device, respectively. The transmission range depends largely on environmental

conditions like wall thickness, wall composition etc.

With a free line of sight, the transmission range of the base station is up to 30 metres; the transmission range of the mobile phone or Bluetooth device is up to 10 metres.



Range	Indication		Result
	PHONE LED ③	headset LED ②	
A	is on (blue)	flashes blue <b>once</b> every 5 seconds	no telephoning via mobile phone or Bluetooth device
B			telephoning possible via base station or mobile phone or Bluetooth device
C	is off	flashes blue <b>twice</b> every 5 seconds	no telephoning via base station but only via mobile phone or Bluetooth device
D			no telephoning via base station or mobile phone or Bluetooth device

We recommend to make a test call to another person in the same office and to walk around during the call to find out if any areas are out of transmission range.

If the headset leaves the transmission range of the **base station** during a call:

- The sound quality deteriorates before the connection finally breaks down.
- The PHONE LED ③ turns off to indicate that the headset is out of the base station's transmission range.
- The headset LED flashes blue **twice** every 5 seconds indicating that the headset is out of the base station transmission range in standby mode.

If you get back into the transmission range within 40 seconds, a ring tone is heard in the headset. To resume the call:

- ▶ Press the headset hook button.

If the headset leaves the transmission range of the **mobile phone** during a call:

- The sound quality deteriorates before the connection finally breaks down.
- Your mobile phone or Bluetooth device displays the loss of connection.
- A failure beep is heard in the headset.
- Please refer to your mobile phone or Bluetooth device manual to find out whether the call is transferred to the mobile phone or Bluetooth device automatically or requires an acknowledgement to do so.

## Changing the speaker volume

- ▶ Press the volume button ① during a call.

The speaker volume is changed by one step. The speaker volume can be adjusted in 8 steps. The factory setting is 4. When the minimum or maximum volume is reached, a beep is heard in the speaker ⑥.

In addition, the adaptive intelligence "learns" your preferred settings and adjusts the volume automatically.

If you close the headset, the current volume setting is saved.

## Changing the ring tone volume

- ▶ Press the volume button ① while the headset is in stand-by mode (no active call).

The ring tone volume is changed by one step. The ring tone is played once in the set volume. The set volume is saved.

The ring tone volume can be adjusted between step 1 and 8. The factory setting is step 4.

## Muting/un-muting the headset microphone

To mute the headset microphone:

- ▶ Press and hold the volume button ① during a call until a beep is heard in the headset.

The microphone is muted. A beep is heard every 1.5 seconds in the headset.



To un-mute the headset microphone:

- ▶ Press the volume button ①.  
The beeping stops. The microphone works as usual.


### Activating/deactivating the adaptive volume adjustment

To deactivate the adaptive volume adjustment:

- ▶ Press and hold both the PROGRAM button ⑨ and the PHONE button ②.  
The PHONE LED ③ flashes blue twice to indicate that the adaptive volume adjustment is deactivated.

To reactivate the adaptive volume adjustment:

- ▶ Press and hold both the PROGRAM button ⑨ and the PHONE button ②.  
The AUX LED ⑤ flashes blue twice indicating that the adaptive volume adjustment is activated.

 If you leave the base station's transmission range, the adaptive volume adjustment is activated!

### Pairing to the base station

Upon delivery, the headset and the base station are already paired, i.e. they automatically recognize each other and do not interfere with other Mobile phone or Bluetooth devices. You do not have to pair them again.

However, if you have to replace the headset with a new one, e.g. because it is damaged, the base station will not

recognize the new headset unless they are paired as follows:

- ▶ Press the program button quickly two times.  
The base station is set to pairing mode. The PHONE LED ③ and the AUX LED ⑤ on the base station are flashing blue.
- ▶ Press and hold down the volume button ①.  
The headset goes into pairing mode. The headset LED first lights up blue and red and then flashes blue to indicate that the headset is in pairing mode.



If pairing is not successful within 60 seconds, the headset returns to standby mode.

When pairing has been successful, the blinking stops and the PHONE LED ③ flashes three times.

When pairing has not been successful, the AUX LED ⑤ flashes three times.

### Restoring factory settings

You can restore the factory settings of speaker volume and pairing as follows:

- ▶ Repair an already paired the base station and the headset (see "Pairing the headset" on page 13).  
All learning memory values and all volume settings are reset to the factory settings.

## Maintenance and care

If you do not want to use the headset for a longer time:

- ▶ Close the microphone boom ①.
- ▶ Store the headset in a clean and dry environment.

To clean the headset:

- ▶ Only clean with a dry cloth. Do not use any liquids, solvents or cleansing agents.

## Accessories

- 502309 USB charging cable
- 502310 Power supply EU version
- 502311 Power supply UK version
- 502312 Power supply US version
- 502313 Car charger unit
- 502314 Carrying case
- 500712 Handset lifter including a ring tone detection microphone unit
- 500275 TCI 01 "Telephone Controlling Interface" for phones featuring an AEI or DHSG interface

## If problems occur ...

If no dial tone is heard:

- ▶ Make sure your office phone is set up correctly according to its manual.

If no sound file is heard:

- ▶ Make sure your PC and sound preferences are set up correctly and connected through either phone interface or directly through the AUX interface.

## Specifications

Directional microphone system	
Microphone type	2 electret microphones, paired/balanced
Sensitivity	-36 dBV at 94 dB SPL, 1 kHz

Speaker unit	
Speaker type	dynamic, bi-directional, neodymium magnet
Max. output	110 dB SPL limited by Active-Gard™ technology

General	
Dimensions	52mm x 65mm x 9mm (width x height x depth)
Weight	15 g
Power supply	input 100-240 V AC, output 5 V DC, 150 mA
Car charger	(only VMX 3in1) input 12-24 V DC, output 5 V DC, 150 mA

## Manufacturer declarations

### Warranty regulations

The guarantee period for this Sennheiser Communications product is 24 months – for the battery 6 months – from the date of purchase. Excluded are accessory items, rechargeable or disposable batteries that are delivered with the product. Due to their characteristics, these products have a shorter service life that is principally dependent on the individual frequency of use.

The guarantee period starts from the date of original purchase. For this reason, we recommend that the sales receipt be retained as proof of purchase. Without this proof (which is checked by the responsible Sennheiser Communications service partner) you will not be reimbursed for any repairs that are carried out.

Depending on our choice, guarantee service comprises, free of charge, the removal of material and manufacturing defects through repair or replacement of either individual parts or the entire device. Inappropriate usage (e.g. operating faults, mechanical damages, incorrect operating voltage), wear and tear, force majeure and defects which were known at the time of purchase are excluded from guarantee claims. The guarantee is void if the product is manipulated by non-authorised persons or repair stations.

In the case of a claim under the terms of this guarantee, send the device, including accessories and sales receipt, to the responsible service partner. To minimise the risk of transport damage, we recommend that the original packaging is used. Your legal rights against the seller, resulting from the contract of sale, are not affected by this guarantee.

The guarantee can be claimed in all countries outside the U.S. provided that no national law limits our terms of guarantee.

### CE Declaration of Conformity



This equipment is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC, 89/336/EC or 73/23/EC.

Before putting the device into operation, please observe the respective country-specific regulations.

### FCC statements

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.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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 Class B digital apparatus complies with Canadian ICES-003.

Notice: Changes or modifications made to this equipment not expressly approved by Sennheiser Communications A/S may void the FCC authorization to operate this equipment.

#### Radio frequency radiation exposure information

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The radiated output power of the device is far below the FCC radio frequency exposure limits. Nevertheless, the device must be used in such a manner that the potential for human contact during normal operation is minimized.

#### Batteries or rechargeable batteries



The supplied batteries or rechargeable batteries can be recycled. Please dispose of them as special waste or return them to your specialist dealer. In order to protect the environment, only dispose of exhausted batteries.

#### WEEE Declaration



Your Sennheiser Communications product was developed and manufactured with high quality materials and components which can be recycled and/or reused. This symbol indicates that electrical and electronic equipment must be disposed of separately from normal waste at the end of its operational lifetime.

Please dispose of this product by bringing it to your local collection point or recycling centre for such equipment. This will help to protect the environment in which we all live.