



EHS101

EHS102

EHS Box

for use with
**VH6210/VH6211/
VH6220/VH6221**
Wireless Headset

Installation Guide

This Installation Guide provides you with the basic instructions on connecting your **VH6210/VH6211/VH6220/VH6221** Wireless Headset to many of the most popular IP phones, through the **EHS101/EHS102** EHS (Electronic Hook Switch) box.

EHS enables you to answer or end calls on your connected IP phone with the call button on your **VH6210/VH6211/VH6220/VH6221** headset. A limited set of EHS connection instructions are described in abbreviated form.

For detailed instructions on EHS connection setup at each of the IP phones, refer to the user's manual of your IP phone model of the respective series and brands, where the **EHS101/EHS102** EHS box is connected.

Customer Service

For customer service, visit our website at **businessphones.vtech.com** or call 1 (800) 595-9511. In Canada, call 1 (800) 267-7377.

Compatibility

Our **EHS101/EHS102** EHS boxes are compatible with the following IP phones.

For EHS101:

Alcatel	IP Touch 8-Series 4028/4038/4068 IP Phones; IP Touch 9-Series 4029/4039 IP Phones
Avaya	96x0 Series IP Phones; J139/J169/J179 IP Phones; 14xx/16xx/94xx/95xx/96x1 Series IP Phones
Cisco	8941/8945/8965 IP Phones
Fanvil	X4/X5 IP Phones
Grandstream	GXP16xx/21xx Series IP Phones
NEC	DT820 IP Phone
Shoretel	IP 212k/230/230g/265/560/560g/565/565g IP Phones; IP 480G/485 IP Phones

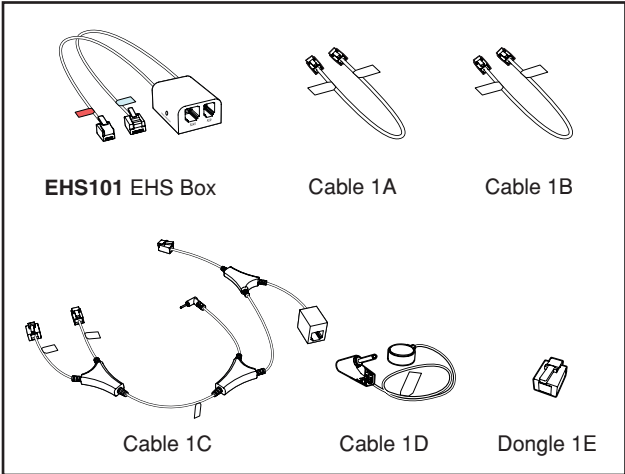
For EHS102:

Digium	D40/D60 IP Phones
Cisco	7942G/7945G/7962G/7965G/7975G/7821/ 7841/7861/6945/8811/8841/8845/8851/ 8861/8865 IP Phones;
Panasonic	KX-NT131/136/553/556 IP Phones; KX-DT543/546 IP Phones; HDV220/230 IP Phones
Polycom	SoundPoint IP 335/320/321/330/331/430/450/ 670/650/560/550 IP Phones; VVX 300/310/400/410/500/600/1500 IP Phones
Yealink*	T48S/T48G/T46S/T46G/T42S/T42G/T41S/ T41P/T40G/T40P/T29G/T27G/T27P IP Phones

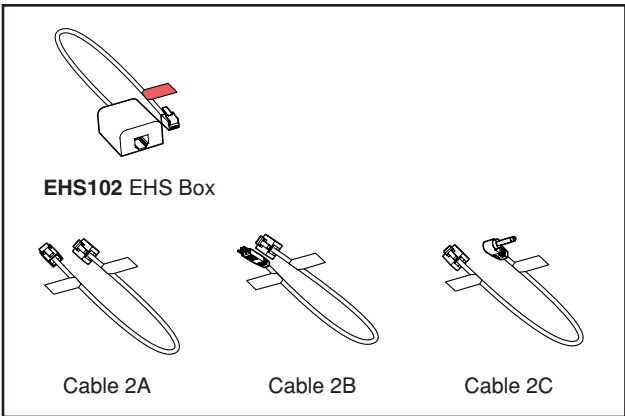
* You need to purchase Yealink's **EHS36 Wireless Headset Adapter** for connection.

What's in the box

EHS101



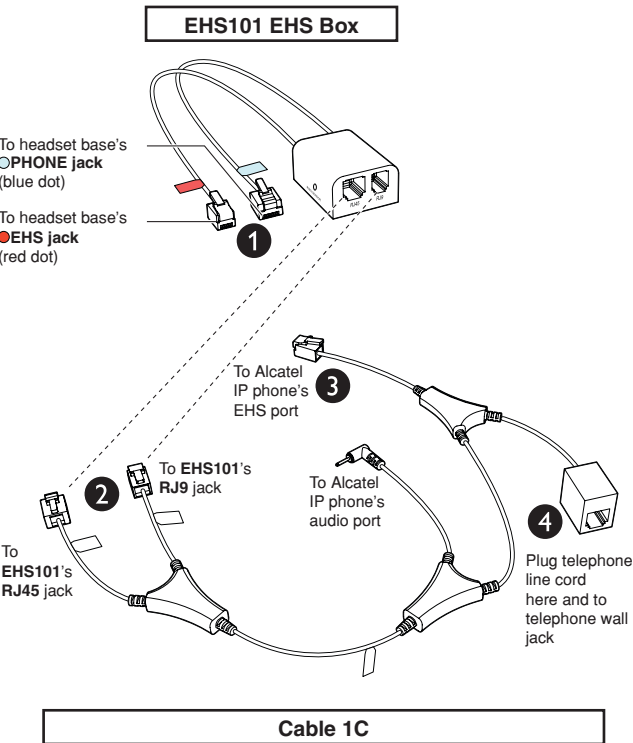
EHS102



Alcatel IP Phones

Alcatel IP Touch, 8-Series 4028/4038/4068 or 9-Series 4029/4039 IP Phones

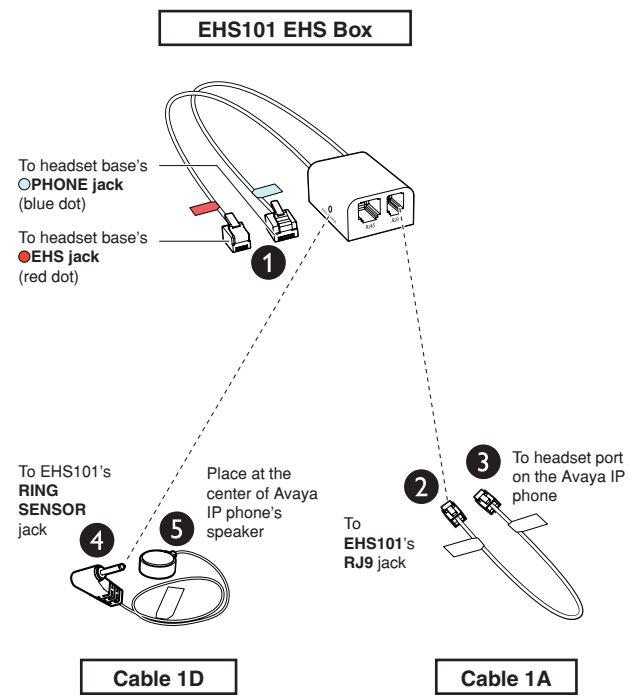
1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 1C** to **EHS101** EHS box.
3. Connect **Cable 1A** to your Alcatel IP phone.
4. Connect **Cable 1C** to telephone wall jack.



Avaya IP phones

Avaya 96x0 Series IP Phones

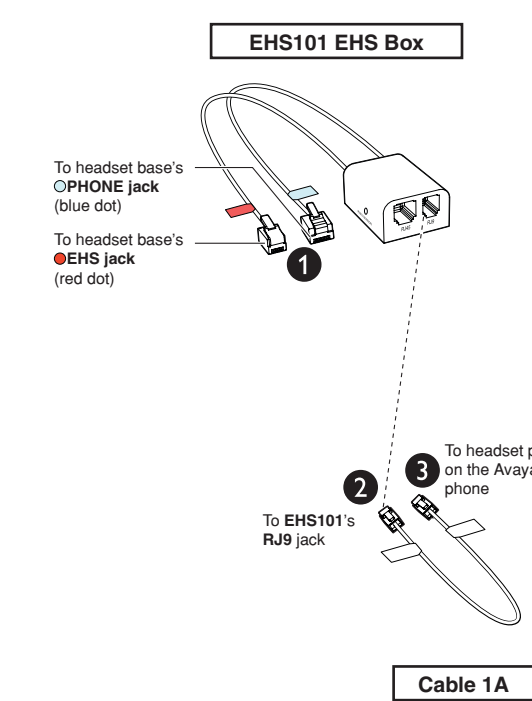
1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 1A** to **EHS101** EHS box.
3. Connect **Cable 1A** to your Avaya IP phone.
4. Connect **Cable 1D** to **EHS101** EHS box.
5. Place the auxiliary ring detector to the center of the Avaya IP phone's speaker.



Avaya IP phones

Avaya J139/J169/J179/14xx/16xx/94xx/95xx/96x1 Series IP Phones

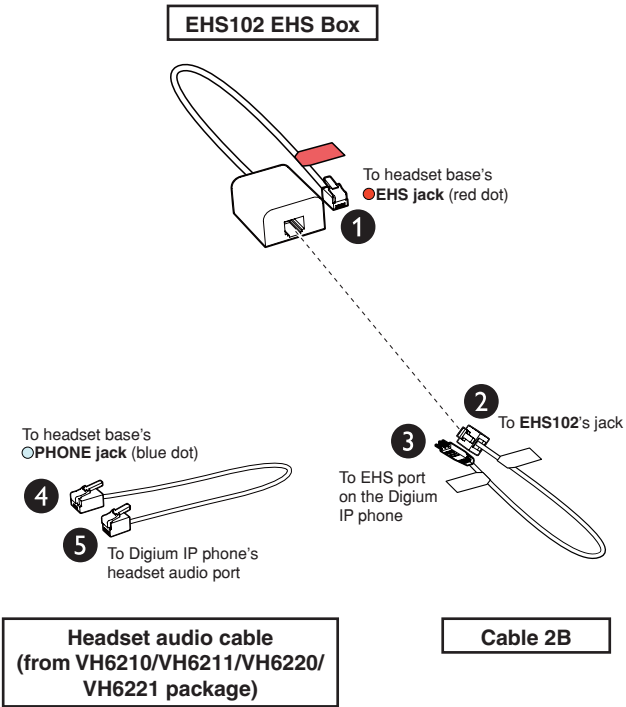
1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 1A** to **EHS101** EHS box.
3. Connect **Cable 1A** to your Avaya IP phone.



Digium IP Phones

Digium D40/D60 IP Phones

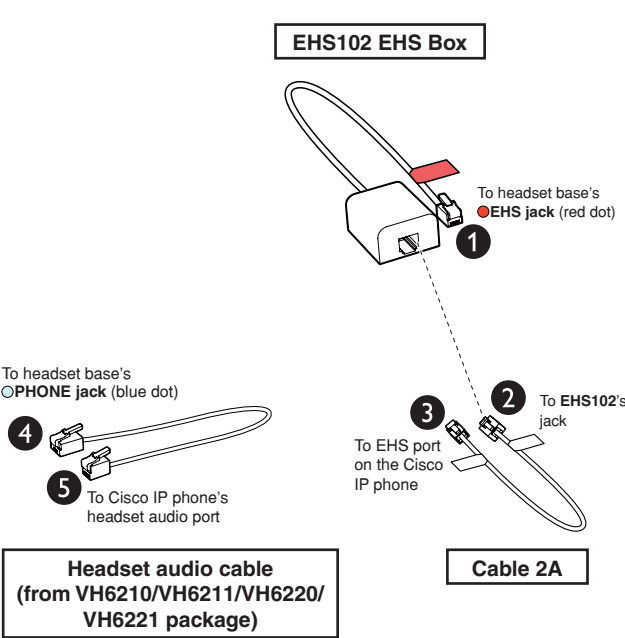
1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 2B** to **EHS102** EHS box.
3. Connect **Cable 2B** to your Digium IP phone.
4. Connect the **Headset audio cable**, as provided in **VH6210/VH6211/VH6220/VH6221** package, to the headset base.
5. Connect the **Headset audio cable** to the Digium IP phone.



Cisco IP Phones

Cisco 7942G/7945G/7962G/7965G/7975G/7821/7841/7861/6945/8811/8841/8845/8851/8861/8865 IP Phones

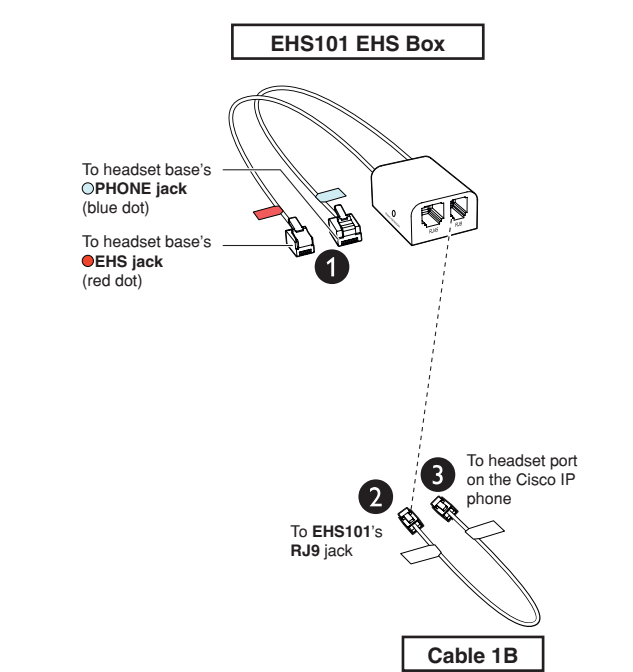
1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 2A** to **EHS102** EHS box.
3. Connect **Cable 2A** to your Cisco IP phone.
4. Connect the **Headset audio cable**, as provided in **VH6210/VH6211/VH6220/VH6221** package, to the headset base.
5. Connect the **Headset audio cable** to the Cisco IP phone.



Cisco IP Phones

Cisco 8941/8945/8965 IP Phones

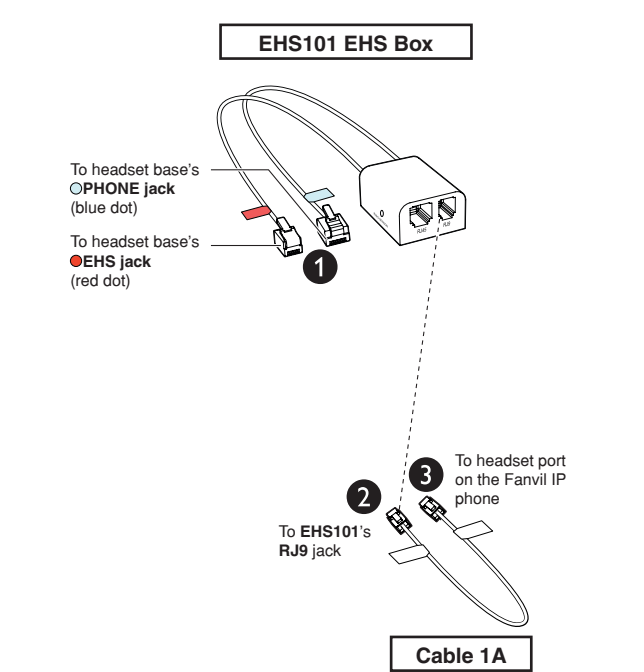
1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 1B** to **EHS101** EHS box.
3. Connect **Cable 1B** to your Cisco IP phone.



Fanvil IP phones

Fanvil X4/X5 IP Phones

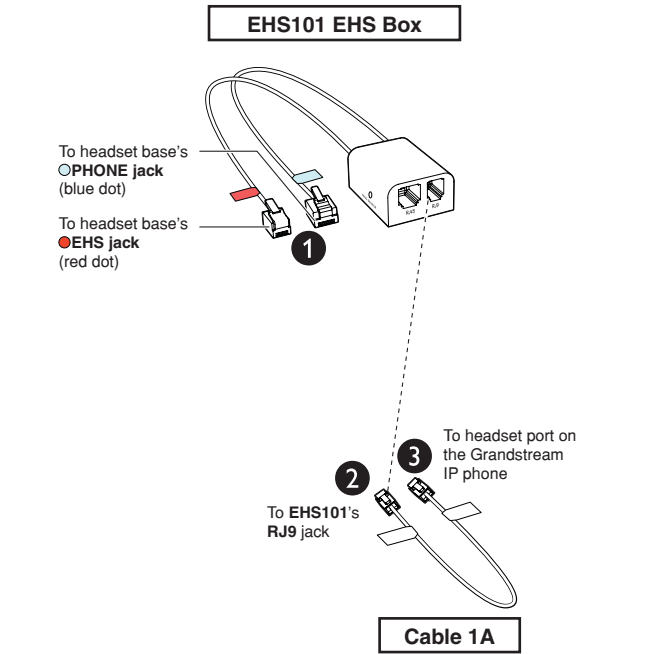
1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
2. Connect **Cable 1A** to **EHS101** EHS box.
3. Connect **Cable 1A** to your Fanvil IP phone.



Grandstream IP phones

Grandstream GXP16xx/21xx Series IP Phones

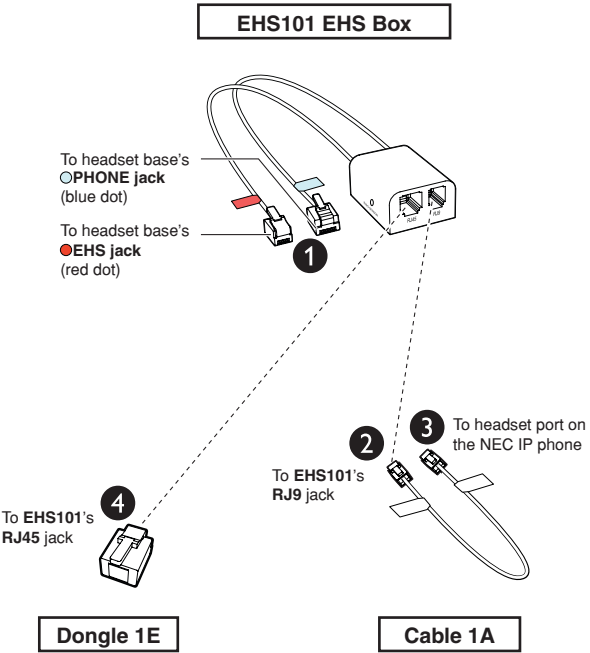
- 1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 1A** to **EHS101** EHS box.
- 3. Connect **Cable 1A** to your Grandstream IP phone.



NEC IP phones

NEC DT820 IP Phone

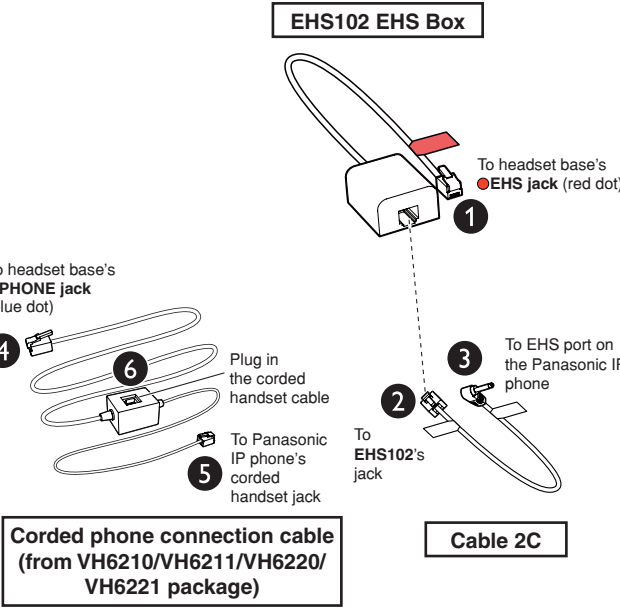
- 1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 1A** to **EHS101** EHS box.
- 3. Connect **Cable 1A** to your NEC IP phone.
- 4. Connect **Dongle 1E** to **EHS101** EHS box.



Panasonic IP phones

Panasonic KX-NT131/136/553/556 or KX-DT543/546 IP Phones

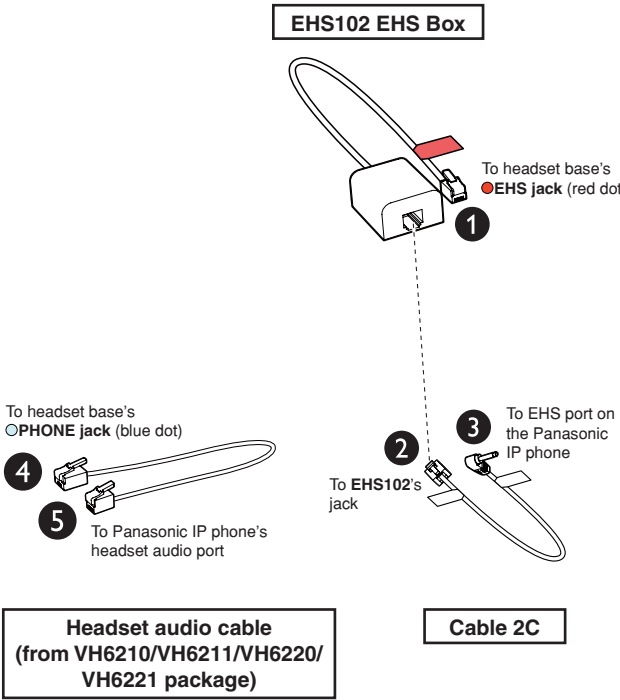
- 1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 2C** to **EHS102** EHS box.
- 3. Connect **Cable 2C** to your Panasonic IP phone.
- 4. Connect the **Corded phone connection cable**, as provided in **VH6210/VH6211/VH6220/VH6221** package, to the headset base.
- 5. Connect the **Corded phone connection cable** to the Panasonic IP phone.
- 6. Connect your Panasonic IP phone's corded handset cable to the jack socket on the **Corded phone connection cable**.



Panasonic IP phones

Panasonic HDV220/230 IP Phones

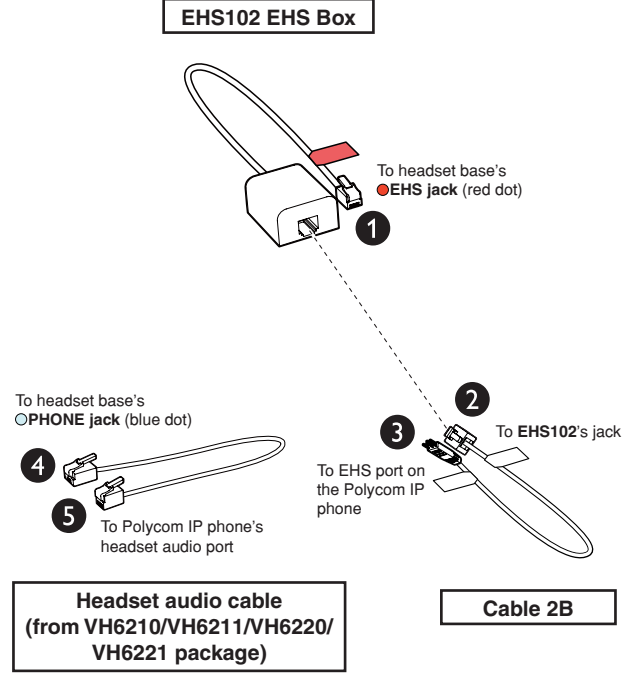
- 1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 2C** to **EHS102** EHS box.
- 3. Connect **Cable 2C** to your Panasonic IP phone.
- 4. Connect the **Headset audio cable**, as provided in **VH6210/ VH6211/VH6220/VH6221** package, to the headset base.
- 5. Connect the **Headset audio cable** to the Panasonic IP phone.



Polycom IP phones

Polycom SoundPoint IP 335/320/321/330/331/430/ 450/670/650/560/550 or VVX 300/310/400/410/500/600/1500 IP Phones

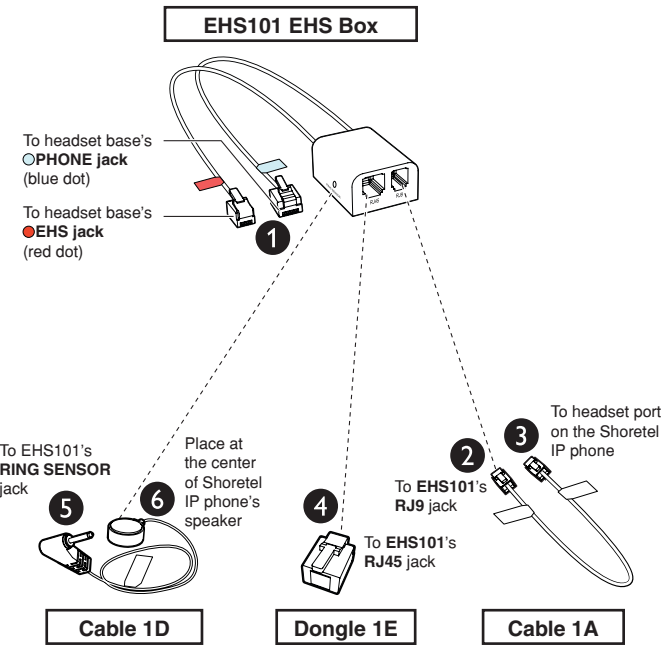
- 1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 2B** to **EHS102** EHS box.
- 3. Connect **Cable 2B** to your Polycom IP phone.
- 4. Connect the **Headset audio cable**, as provided in **VH6210/ VH6211/VH6220/VH6221** package, to the headset base.
- 5. Connect the **Headset audio cable** to the Polycom IP phone.



Shoretel IP phones

Shoretel IP 212k/230/230g/265/560/560g/565/565g IP Phones

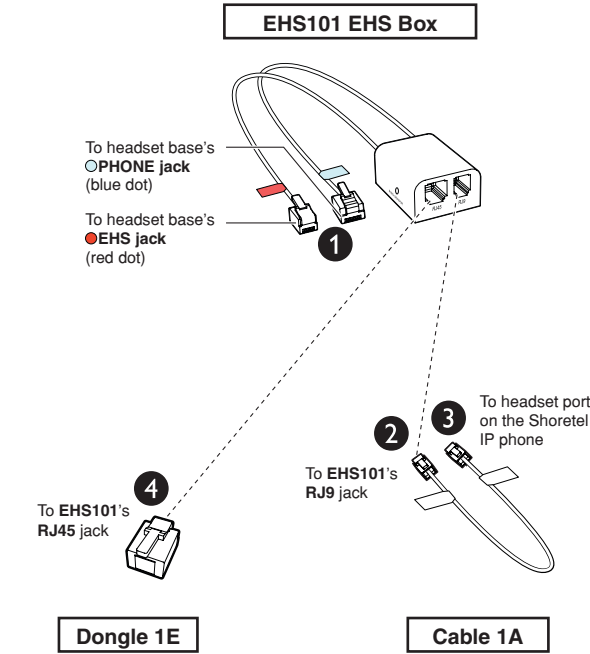
- 1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 1A** to **EHS101** EHS box.
- 3. Connect **Cable 1A** to your Shoretel IP phone.
- 4. Connect **Dongle 1E** to **EHS101** EHS box.
- 5. Connect **Cable 1D** to **EHS101** EHS box.
- 6. Place the auxiliary ring detector of **Cable 1D** to the center of the Shoretel IP phone's speaker.



Shoretel IP phones

Shoretel IP 480G/485 IP Phones

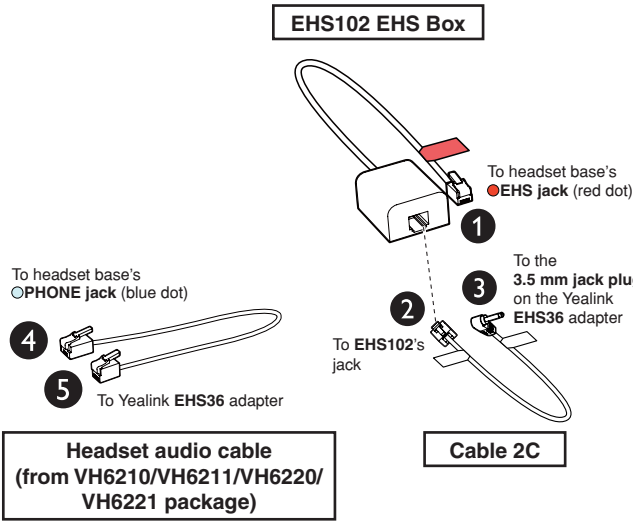
- 1. Connect **EHS101** EHS box to your VH6210/VH6211/VH6220/ VH6221 headset base.
- 2. Connect **Cable 1A** to **EHS101** EHS box.
- 3. Connect **Cable 1A** to your Shoretel IP phone.
- 4. Connect **Dongle 1E** to your Shoretel IP phone.



Yealink IP phones

Yealink T48S/T48G/T46S/T46G/T42S/T42G/T41S/ T41P/T40G/T40P/T29G/T27G/T27P IP Phones

- NOTE:**
- You need to purchase Yealink's **EHS36 Wireless Headset Adapter** for connection.
- 1. Connect **EHS102** EHS box to your VH6210/VH6211/VH6220/VH6221 headset base.
 - 2. Connect **Cable 2C** to **EHS102** EHS box.
 - 3. Connect **Cable 2C** to the Yealink **EHS36** adapter (purchased separately).
 - 4. Connect the **Headset audio cable**, as provided in **VH6210/ VH6211/VH6220/VH6221** package, to the headset base.
 - 5. Connect the **Headset audio cable** to the Yealink **EHS36** adapter (purchased separately).
 - 6. Connect the **EHS36** adapter to the Yealink IP phone.



Technical Specifications

Power supply	From headset set on RJ12
Rated power	6VDC 50mA

This device complies with IC standard.

CONFORMS TO UL STD. 60950-1
CERTIFIED TO CSA STD. C22.2 #60950-1