

## INTRODUCTION

The External Speaker Bar is an add on module for the Konnekt Videophone. It is used to increase volume when the Videophone speakers are not loud enough, or to improve audio quality for those that find the standard speakers need more bass. The External Speaker Bar can provide a significant increase in volume, and provides improved sound quality, with more bass tones in particular.

The External Speaker Bar has been chosen for use with the Videophone due to the sound quality and volume, but also because it conforms to the Konnekt philosophy of simplicity, and reliability ....

- It derives power from a standard USB port. It therefore does not need charging and cannot accidentally go flat.
- Volume can be adjusted using a large physical volume knob on the side, and once set, volume remains as selected. No computer skills required.
- No USB audio drivers or setup required. Sound is instead obtained from the Videophone 3.5mm Audio Out socket. No computer skills required.
- 70Hz - 20kHz frequency response



## Installation Tips

- For customers who wish to be able to adjust the volume themselves, the Speaker Bar can be placed at the front of the Videophone, with the Volume Knob accessible on the right side.
- For situations where it is best to keep the volume control out of sight, the Speaker Bar can be placed behind the Videophone.
- If the blue LED is too bright at night, it can simply be covered up. It is perfectly safe to cover the Speaker Bar light, but it is not safe to place anything over the Videophone.

**WARNING: Do not cover or block the Videophone air vents .**

## IMPORTANT: Prevent Loss Of Audio

Once the Speaker Bar has been plugged into the 3.5mm Audio Socket on the underside of the Videophone (see further below for details on the cable connections), the Videophone internal speakers become disabled, and speaker audio is redirected to the External Speaker Bar.

So please note that after connection to the 3.5mm Audio Socket, **SOME OR ALL SOUNDS WILL BE DISABLED** if ....

- the USB cable becomes unplugged
- the Speaker Bar volume knob is set to zero

## IMPORTANT: Position For Optimum Audio Quality

Regardless of the choice of location, the Speaker Bar should be facing away from the Videophone, in order to minimise echo and feedback. The Videophone Microphone is located at the top of the screen, just next to the webcam. If the Speaker Bar sound is aimed at the Videophone Microphone, and volume is set to very high ....

- audio quality at both ends of the call will be poor
- for those with a Captioning Videophone, Captions will be error prone, with gibberish appearing on screen

When you contact Konnekt during setup, our Videophone Technician will advise on these issues if necessary, and work with you to reposition for optimum audio and Captions quality.

## INSTALLING THE SPEAKER BAR

The options for placement are ....

- in front of the Videophone, facing front
- behind the Videophone, facing rear
- wall mount, eg. mounted just underneath a wall mounted Videophone, facing front

For desktop use, the recommended position of the Speaker Bar is just in front of the Videophone, with the Volume Knob on the right side. Cables can be routed behind the Videophone, largely out of sight.

Due to vision, mobility, or cognitive difficulties, some Videophone users may be prone to knocking the Speaker Bar, or inadvertently altering the Speaker Bar volume, which can cause sound to be disabled. In these circumstances, the Speaker Bar can be placed at the rear of the Videophone, with the Speaker Bar and Volume Knob out of sight.

### Installing In Front Of The Videophone

- Place the Speaker Bar in front of the Videophone as shown, with the Volume Knob on the right.
- Connect the two cables as described further below.
- Route the cables behind the Videophone, out of sight ....
  - ensure there is no strain on the connections
  - ensure Videophone is not sitting on top of cables
- Conduct test calls, and adjust the Volume Knob to preference.



### Installing Behind The Videophone

- Place the Speaker Bar behind the Videophone as shown, with the Volume Knob on the right looking from the rear.
- It can be placed underneath the kickstand if there is room, but this is not essential.
- Connect the two cables as described further below.
- Route the cables behind the Speaker Bar, between Speaker Bar and Videophone ....
  - ensure there is no strain on the connections
  - ensure Videophone is not sitting on top of cables
- Conduct test calls, and adjust the Volume Knob to preference.



### Wall Mount

If your Videophone is wall mounted on a bracket, the Speaker Bar can be mounted on the wall underneath the Videophone. The Speaker Bar has two keyhole slots at the rear for this purpose, all you need is a couple of small screws. Connect the two cables as detailed below, and ensure that the cables can move freely and safely for all possible bracket positions.

# SPEAKER BAR SETUP GUIDE

## Speaker Bar Cables

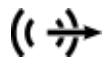
Unless otherwise instructed by Konnekt, do not connect the cable with the pink plug. We only need to connect ....

- the cable with the 3.5mm round grey plug (some might call it pale blue)
- the cable with the USB plug



## Correct Connection of USB and Audio Cables

- Plug the 3.5mm round grey plug into the Audio Out socket on the bottom of the Videophone. The socket has a label similar to as shown at right.



Note that some Videophones have do not have an Audio Out socket, but instead have a single Combo Audio Socket with a slightly different label - plug the 3.5mm round grey plug into that socket.

- Plug the USB Connector into one of the USB Ports on the bottom of the Videophone. Take care to plug it in the right way round, or you will damage the USB port.

Connection to USB & Audio Out Socket ...



Connection to USB & Combo Audio Socket ...

