

Product: Plantronics CS-50 / HL-1 Handset Lifter**System version:** ShoreTel5 Release 1.2

Recommended installation for Plantronics HL 1 handset lifter when used with the ShoreTel IP Phones (IP 210, IP 530, IP 560)

The Plantronics CS-50 headset when used with the ShoreTel IP Phones needs a handset lifter for lifting the handset on / off hook. This document will cover the following steps:

- Positioning of HL1 lifter with ShoreTel IP Phones (IP210/IP530/IP560)
- Modification of lifter arm
- Attachment of handset to the IP Phone
- Placement of ring detector sensor

This document will not instruct the user in basic configuration. Please refer to the Plantronics documentation for those instructions.

Positioning HL1 platform

Proper placement of the ShoreTel IP Phone on the HL1 platform is very important for proper operation of handset lifting. Once the Expandable Base and Lifter Motor Assembly are assembled (without arm lifter rod) do the following:

1. Place the IP Phone at the rear of the platform.
2. Position the center of the phone handset just to the right of the center of the Lifter Motor Assembly as shown in Figure 1.
3. Verify that the handset lifts properly.

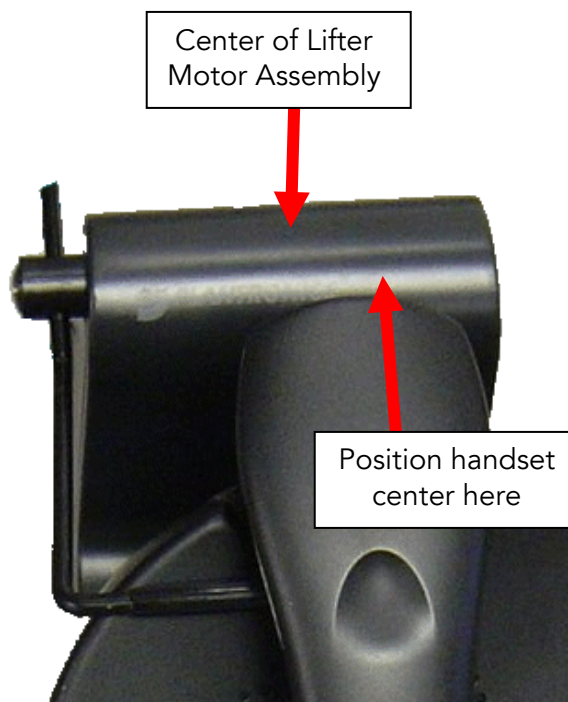


Figure 1 – Handset/Motor Assembly alignment

Modification of lifter arm

This following step is optional, and may be done to improve lifter arm form. Once installed, excess portion of the lifter arm may stick-out significantly. It is possible to remove the excess portion to prevent interference with a wall or other objects. Prior to completing this step it is recommended to test lifting the handset several times to confirm proper lifting of handset.

Once proper placement of lifter arm is verified use a pen to mark the lifter arm about 1 to 2 inches back from the Lifter Motor Assembly as shown in Figure 2.



Figure 2 – Removal of excess lifter arm

Next remove the arm from the Lifter Motor Assembly and use a hacksaw to cut off the excess portion of the lifter arm. Once that is complete put the lifter arm back into the Lifter Motor Assembly. Retest lifting to fine tune placement of the arm.

Handset plug in on IP Phone

When plugging the CS-50 into the IP 530 or IP 560 phones it is important to plug the cord into the “handset” jack because when the handset is lifted audio will go out the handset audio path. Plug the actual handset into the base station of the CS-50.

Note: Do not use the “Headset” audio port, which will not automatically operate when the handset is lifted.

Ring detector sensor placement

The Plantronics HL-1 ships with a part called “Ring Detector Sensor” (Figure 3), which detects rings on the IP Phone and then sends a signal to the CS-50 wireless headset.

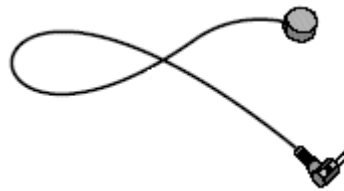


Figure 3 – Ring Detector Sensor

Place the sensor on the “cone area” (Figure 4) on the back of the IP Phone.

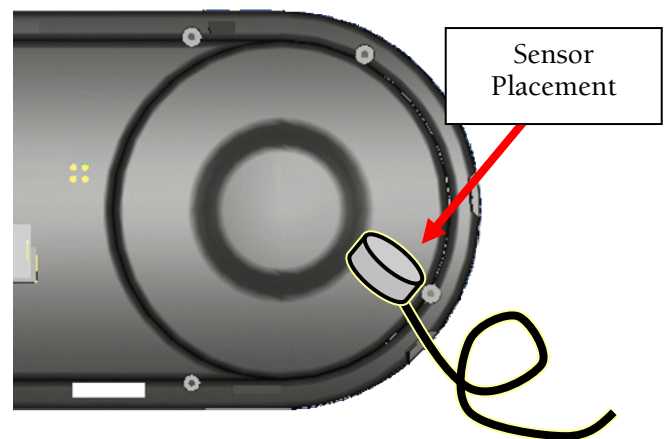


Figure 4 – Sensor Placement