

B5550 Teller Video Unit

The following instructions are for the B5550 that contains both a camera and monitor for two way video. The B5550-1 is the same unit without a camera installed for one way video.

Video & Power Connections

- Using 75 ohm CCTV coax (Belden 1426A or equivalent) with BNC connectors at each end, connect the camera and monitor (connections at rear of stand) to the video matrix. Make sure to match up the audio and video port numbers at the matrixes. For example if the audio console is connected to Console 2 of the audio matrix, then the video cables from that same teller position must be connected to Console 2 of the video matrix.
- Connect the supplied 12VDC power supply to the power socket on the back of the stand and plug it into a 110VAC outlet. If a different power supply must be used for some reason, it must be rated for at least 2A. The center conductor of the 2.1mm barrel connector is positive. Do not power this unit using the power distribution board which was previously used with the older B5450 unit. The B5550 requires approximately 1.5A of current per unit.

Operation

- Turn on power to the video head using the toggle switch on the lower left of the stand.
- Adjust the height of the video head as necessary by first loosening the adjustment knob on the back of the stand. Tighten the knob when the desired height is achieved. Note that there are two holes in the back of the stand for the adjustment knob. Using the top hole the height can be adjusted between approximately 14.5"-19". Using the bottom hole the height can be adjusted between approximately 14.5"-16". The bottom hole also allows for a greater upward tilt angle at the lowest height allowing the video unit to be placed under a hanging pneumatic terminal if desired.
- Tilt the video head up by grasping the sides of the unit. The tilt latch bracket will lock the video head into place in steps. Tilt the head back down by first slightly tilting further up to release pressure on the tilt latch bracket and then pulling the handle of the bracket forward allowing the video head to drop down. Note that there are two holes in the top of the tilt latch bracket. Mounting the bracket using the opposite hole will allow the tilt angle to change slightly at each latch position.
- Use the lever beside the camera opening to tilt the camera up or down.

Service Adjustments

- Service adjustments require access to the inside of the video head. Remove the 6 screws from the back side and remove the front cover.
- Place the unit in "service" mode by placing the service switch at the upper left of the video head to the rear position. This will connect the camera directly to the monitor. *Note that the service mode will result in a blank screen on the 5550-1 since no camera is present.*
- No adjustments should be necessary to the monitor but a menu board with adjustment buttons is located directly under the screen for those familiar with adjusting LCD screens.
- The camera has been focused at the factory and no adjustment should be necessary. If focusing is required, loosen the small set screw on top of the lens and then rotate the lens to the desired focus. Tighten the set screw when finished.
- Once all adjustments are satisfactory, place the unit in "normal" mode by placing the service switch to the forward position. Replace the front cover.