

Elder College Audio System Setup

Obtain the keys for the storage cupboard and retrieve the cart, the mixer and wireless microphone radio system. The mixer and radio system boxes are in the locked cupboard in the storage room along with the wireless headsets in the box. Cables are stored in the dark blue travel bag on the cart.

Speaker setup

- 1) Erect the speaker stands at either side of the classroom making certain that the legs are locked in the open position. Do not extend the support poles yet.
- 2) Position the speaker units on the poles, **be careful these are heavy units.**
- 3) Connect the orange power cords to the short black speaker power cords.
- 4) Connect speakers to wall receptacle but do not turn power on.
- 5) Extend the support poles to a working height and secure with the tension screw and the captive safety pin.

This is a 2 person job.

Podium Microphone setup

- 1) Erect the podium microphone tripod.
- 2) Attach the microphone wand to the clip.

Electronics setup

- 1) Place the mixer unit and the radio microphone base station on a convenient central table.
- 2) Connect the transformers for each unit and plug into convenient receptacle. In Room 120 this is usually the Power bar attached to the computer desk. Turn the radio base station on.
- 3) Connect a short 1/4" diameter jack cable between the radio system and mixer Channel 2 Line In, as seen in the attached diagram.
- 4) Connect the dedicated microphone cable between the wand microphone and the mixer Channel 1 Line In. This cable has male and female 3 pin connectors at the ends.
- 5) Check that the 48v light on the mixer panel is illuminated, if not press the "Phantom" button to turn it on.
- 6) Make certain that the Main Mix balance control is set to zero, ie balanced.
- 7) Connect the long 1/4" diameter jack cables between the Main Out Left/Right jacks on the mixer and the TOP jack socket on each speaker.
- 8) Place a 9v battery into one of the remote transmitters and connect the head microphone. Turn the remote unit on.

Testing

- 1) Check that the settings on columns 1 and 2 of the mixer unit match the recommended settings.
- 2) Check that the settings on Mic 1 and 2 of the radio base station match the recommended settings.
- 3) Check that the settings on the loudspeaker units match the recommended settings.
- 4) Check that the Phantom light is on.
- 5) Turn the power on to the loudspeaker units.
- 6) Test for sound quality.
- 7) That's it!

Shut Down

- 1) Turn loudspeakers and radio base station off.
- 2) Disconnect power from all devices.
- 3) Return cables and equipment to storage.



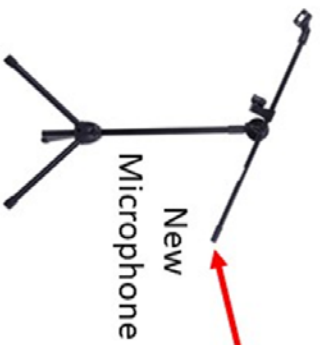
Mixer



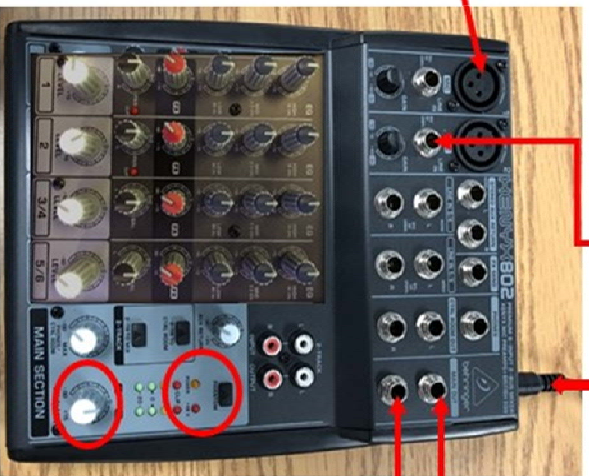
Radio Base station



Loudspeakers (updated pictures to follow)



New Mixer



Radio System



Set top Mic In Level
to around 9 o'clock.