Introduction
A Public Address system, or PA system, is an electronic amplification system used to reinforce a given sound. Most PA systems include a microphone, mixer/amplifier and speakers.

Terminology

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
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<tbody>
<tr>
<td>Amplifier</td>
<td>A device used to increase the output of a signal</td>
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<tr>
<td>U-Bracket &amp; Speaker stand</td>
<td>The “U” bracket is a steel bracket for mounting the Loudspeaker/amplifier on the speaker stand. When attached to the stand the loudspeaker/amplifier can be raised and lowered to the desired height.</td>
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<tr>
<td>Microphone stand</td>
<td>A microphone stand holds a microphone providing the speaker hands free operation.</td>
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<tr>
<td>Feedback</td>
<td>A loud pitched noise generally when a microphone is placed too close to the speakers.</td>
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</table>

What’s in the Bag

- Loudspeaker/amplifier
- U-bracket & speaker stand
- Microphone & stand
- Remote Control
- Power cord

Care

- Avoid injury by ensuring the Loudspeaker/amplifier is properly secure on U-bracket and stand.
- Power cord and microphone cord should be routed so they are not walked on, or cause a tripping hazard.

Get familiar with these parts of the Equipment

- On/Off
- Volume control
- Bass/treble control
- Mic. Input
- Microphone impedance switch
- LED on rear of Loudspeaker
- Auxiliary Input
- Flash Hot shoe
Basic Operation

Step 1  Mount the loudspeaker on the U-bracket and stand and place at desired location at the front of the room. Check that the volume is down low.

Step 2  Plug a microphone into the XLR input jack or phone jack. If using a microphone stand, place the microphone in stand.

Step 3  Power ON for the Loudspeaker/amplifier. The LED on the rear of the loudspeaker should light.

Step 4  Power ON the microphone.

Step 5  Adjust the volume, bass and treble on the loudspeaker.

Operating Tips

✓ Bass and treble controls have little effect on voice; they are intended to be effective with music.
✓ Always stand behind the speaker when using the microphone.
✓ Plugging in the microphone before turning on the power helps reduce feedback.
✓ If feedback occurs, move the microphone further away from the speaker and reduce the volume

Advanced Features/instructions

✓ Connecting other equipment to the loudspeaker. For example a Stereo.

Troubleshooting

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
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<tbody>
<tr>
<td>No sound (LED not lit)</td>
<td>Plug in the power cord for loudspeaker &amp; turn On the power.</td>
</tr>
<tr>
<td>No sound (LED lit)</td>
<td>Check cables.  Power ON microphone. Increase volume.</td>
</tr>
<tr>
<td>Remote not working</td>
<td>Point the remote directly at loudspeaker. IR sensor is located behind the speaker grill. Replace batteries</td>
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</table>

Training

If you would like to book a training session, please call the Audiovisual Technician at the campus nearest you to setup an appointment.

Cloverdale campus  (604)598-6041  Richmond campus  (604) 599-3350
Langley campus  (604)599-3209  Surrey campus  (604) 599-2216