Using a Bose Sound System

**Introduction**
The Bose sound system is used to amplify sound to a large audience. Various microphone styles are available for use with the system. If you wish to use wireless microphones, please be sure to request them in advance.

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<th><strong>Terminology</strong></th>
<th><strong>Definition</strong></th>
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<td>Audio engine</td>
<td>Four channel mixer used to connect microphones or instruments.</td>
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<td>XLR cable</td>
<td>A microphone connection cable.</td>
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**Care & Handling**
This equipment is heavy. Use caution when lifting and transporting.

**Get Familiar With**

<table>
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<th>Item</th>
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<td>2 Loud speakers</td>
<td>Audio engine and cable connections</td>
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<td>Bass Module</td>
<td>Microphones and cable connections</td>
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<td>and cable connections</td>
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**Need Help?**
Training is required. If you would like to book a training session, please call the IT Helpdesk 604-599-2116 to setup an appointment.

- Cloverdale: 604 598 6041
- Langley: 604 599 3209
- Richmond: 604 599 3350
- Surrey: 604 599 2216
**Operating tips**
Remove unwanted audio effects such as echo or reverb quickly:
Reset to factory settings:
1. On the Audio Engine, rotate the knob to scenes.
2. Press the first button below the LCD display. Factory settings displays.
3. Press this button again to select Factory settings.
4. Press the button again to confirm Yes to load factory settings.

**Basic Operation**
1. Remove the power stand from the case.
   a. Release the legs.
   b. Place securely on floor.

2. Remove the 2 Loud Speakers from their cases.
   a. Place the Bottom Speaker in the Power stand.
   b. Place the top Speaker onto the end of the bottom speaker.

3. Find the Power Cord in the Power Stand case and attach it to the stand and a wall outlet.

**Advanced Features**
Contact IT for support
604-599-2116
4. Remove the Bass Module from the cover bag.
   a. In the Power Stand Case, find the Bass Module Connection cable (blue chord).
   b. Attach one end of the Bass module and the other end to the power stand.

5. Remove the audio Engine from the Carry bag.
   a. Release and slide off the protective cover.

6. In the power Stand case, find the Audio engine connection cable.
   a. Plug one end into the ToneMatch Port on the back of the Audio engine.
   b. Attach the other end of the cable into the ToneMatch Port on the Power Stand.

7. Turn ON the Power Switch on the back of the Audio Engine. Place the Audio Engine on the bass unit or flat stable surface.
8. Turn ON the Power switch on the Power Stand.

**Connecting Microphones to the Sound System**

Using the XLR cables, attach the microphone(s) into the channel(s) on the back of the Audio Engine.

**Using Wireless Microphones & Receiver**

**Connect a wireless handheld microphone**
Connect one end of an XLR cable to the back of the wireless receiver and the other end of the XLR cable to the Bose Audio engine.

**Connect a wireless Lapel microphone**
Connect a second XLR cable to the back of the wireless receiver, and the other end of the XLR cable to the Bose Audio unit.

**Connect the wireless receiver**
1. Plug in the power supply on the Receiver. The channel displays will blink.
2. Remove the battery cover(s) on the microphones.
3. Insert a 9Volt battery into the wireless microphone(s).
4. Power on the microphone(s). The channel should display; channel 2 for handheld, channel 1 for lapel mic. The microphones and the receiver should both display the same channel.

5. The Ready light on the receiver should be ON.

6. Replace the microphone battery covers(s).

**Wireless Receiver and Audio Engine Connections**

**Power Stand, Audio Engine & Base Module Connections**

**Connect an Audio device to the Audio Engine**

1. Attach the phono adapters to the Dual RCA to mini stereo cable.
2. Connect the mini stereo plug of that cable to the headphone connection on the audio device.
3. Connect end with the two phono adapters to line in 4/5 on the Audio Engine.
4. To adjust the volume on the Audio Engine:
   a. Make sure the master volume, Trim and channel volume controls are set to “0”.
   b. Adjust layout channel Trim.
   c. If applicable adjust the volume of your instrument/source to the desired level.
   d. Play your instrument/source at a performance level.
   e. Slowly turn the Trim control clockwise until the sign/clip indicator glows green or starts to flash yellow. If the indicator flashes red or glows steady red, turn the Trim control counter clockwise to decrease the level.
   f. Use the input level meters in the Preferences menu to check your input levels.
   Note: If you are using a device that requires phantom power, such as a condenser microphone, press the phantom power switch before adjusting the Trim control.
   Note: The input level meter in the prefs menu can be helpful when adjusting the Trim Control.
   g. Set the Master Control at the 12 o’clock position.
   h. Slowly turn the channel volume control clockwise until the volume reaches the desired level.

**Connect an audio Device to the Power Stand**

1. Attach the 2 phono adapters to the dual RCA to mini stereo cable.
2. Take this cable and connect the mini stereo plug into the headset connection of the audio device.
3. Connect one phono adapter to the analog line in on the power stand.
4. To adjust the volume on the Power stand:
   a. Set the Trim control on the power stand to “0” position.
   b. Connect the audio source to the Analog Input.
   c. Adjust the volume of the audio source to the desired level.
   d. While playing the source, increase the Trim level unit the Signal/clip indicator flows green or yellow.
   e. If the Signal/clip indicator glows red, decrease the Trim level so that it glows only green or yellow.