

**Please use this reference guide first but if you are having troubles please call or text 780-975-6152 and we will have someone call to assist you.**

## **Instruction Guide: Setting Up a Sound System**

### **Components**

- **Mixer:** Peavey 10BT Mixer with Power Cord
  - **Cables:** 7 XLR cables
  - **Speakers:** 2 EV ZLX15P powered speakers (With power cords in side pocket)
  - **Stands:** 2 speaker stands
  - **Microphone:** 1 corded microphone
  - **DI Box:** 1 Direct Input (DI) box & 1/8" to RCA Cable
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### **Step 1: Position Your Equipment**

1. **Locate a stable, central position for the mixer:**
    - Place it where it can be easily accessed during the event.
  2. **Set up the speaker stands:**
    - Extend the legs evenly for stability.
    - Adjust the height to match the venue's acoustics (ear level for the audience is ideal).
  3. **Mount the speakers:**
    - Secure each EV ZLX15P speaker on the stands.
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## Step 2: Connect the Mixer to the Speakers

### 1. Use XLR cables:

- Connect one end of an XLR cable to the **Main Out (L)** on the Peavey 10BT Mixer.



- Plug the other end into the **Input (Channel 1)** of the first speaker. It may look like it won't fit but it will go into INPUT



- Repeat for the **Main Out (R)** on the mixer to the second speaker.

## 2. Check speaker input mode:

- On the EV ZLX15P speakers, set the input source to **Line** if required.
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### Step 3: Connect Audio Sources

#### Microphone

1. Plug the corded microphone into an XLR cable.
2. Connect the other end of the cable to a channel on the Peavey 10BT mixer (e.g., **Channel 1**).
3. Adjust the **Gain** knob for the channel to ensure a clean input signal. (Make sure it's not muted)

#### DI Box

1. Plug the instrument or audio source (e.g., laptop) into the input jack of the DI box.
2. Use an XLR cable to connect the DI box output to a channel on the mixer. **ONLY ONE CHANNEL NEEDED**

#### Bluetooth Device

1. Turn on Bluetooth on your device (e.g., phone or tablet).
  2. On the Peavey 10BT Mixer:
    - Press the **Bluetooth Pair** button.
    - The mixer's Bluetooth channel will appear on your device's pairing list. Enter Code 7878
  3. Select the mixer from the list to pair your device.
  4. Once connected, play audio from the device.
  5. Use the **Bluetooth Channel Knob** to adjust the volume.
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### Step 4: Power and Signal

1. **Power the speakers:**
  - Connect the power cables to the EV ZLX15P speakers and a reliable power source.
  - Turn on the speakers and set the volume knobs to a mid-level starting position.
2. **Power the mixer:**
  - Plug in the Peavey 10BT mixer and power it on.

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## Step 5: Adjust Mixer Settings

### 1. Set levels: START ALL AT ZERO

- Set main volume at Zero
- Gradually increase the **Selected Channel Knob** to test audio.



### 2. Balance inputs:

- Adjust individual channel levels for the microphone, DI box, and Bluetooth channel.

### 3. EQ and effects:

- Use the EQ controls to fine-tune the sound.

## **Step 6: Test the System**

### **1. Check each input:**

- Test the microphone, DI box, and Bluetooth audio to ensure they work correctly.

### **2. Walk the room:**

- Confirm even sound coverage and adjust speaker placement if needed.

## **Tips for Success**

- Keep cables organized to avoid tripping hazards.
- Use the DI box for balanced audio signals and to prevent unwanted noise.
- Monitor sound levels to prevent distortion or feedback.