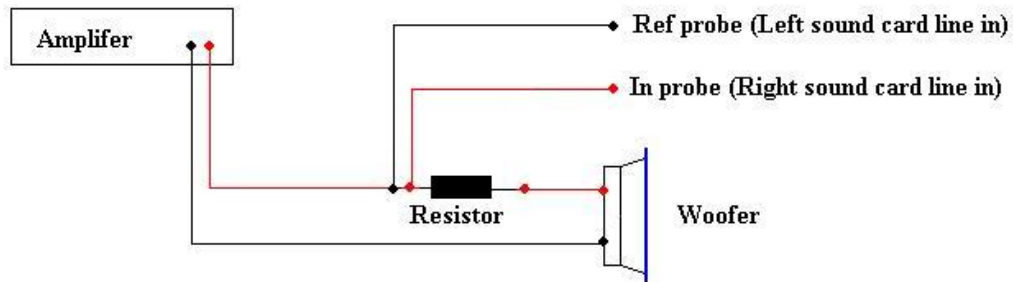
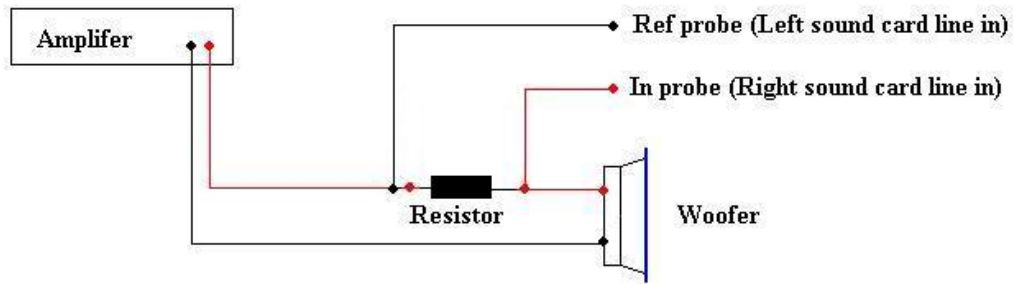


Setting Sound Levels and Calibrating



1. **Measure the DC resistance** of the woofer.
2. Select **EasyLab > T/S Parameters**
3. Set the **MLS length to 262143**
4. Make sure the Impulse smoothing is set to **IMP None**.
5. Set the **sampling rate to 48000**
6. The two **check boxes** should be unchecked.
7. Set the **Output level** to 50%.
8. Adjust receiver volume and click the **Run MLS** button each time until the level shown by the Sound Easy meters is **about 1/2 to 3/4 scale**
9. Enter the **value of the resistor**
10. Click the **Clear** button
11. Click the **Calibrate** button. You should hear a 1k Hz tone from your woofer,
12. **Cal= xxxxx** This number should be close to 1.0

Measuring T/S



1. Move the **In** probe to the driver side of the resistor as shown
2. Enter the value for the driver's **DC voice coil resistance** in the **Re** box.
3. **Enter the effective driver diameter** in the next box down. ($\pi \cdot r^2$)
4. Click the **Run MLS** button in the **Free Air Impedance Curve** area
5. Click the **FFT** button next to the **Run MLS** button.
6. Click the **Basic TS** button

Determination of Vas

1. **Enter the mass (1 ounce = 28.34 grams)**
2. click **Run MLS** in Modified Impedance Curve Area
3. click **FFT** in Modified Impedance Curve Area
4. click **TS using Delta M** in Modified Impedance Curve Area
5. Select **Enclosure Tool > Driver Editor**.
6. **Enter Xmax** and the power handling