

-) After removing tape from top of box containing speakers, please remove the top 2 pieces of 2" protective foam.
-) There will be an envelope containing extra parts for your speakers.
-) You will see 2 gray shipping bags with handles. Carefully grab handles and pull speaker bag(s) straight up.
Lie bag on side and unzip. Carefully lift speaker(s) by their sides avoiding front driver.
-) Sit speaker(s) upright and unwrap protective vinyl wrap.
-) Remove tape holding front main driver protective cover and rear binding post cover. Any tape residue can be easily removed with – “The Original Bee's Wax Old World Formula Furniture Polish” found on Amazon.

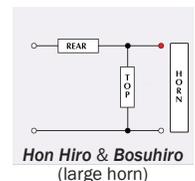
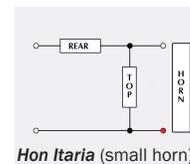
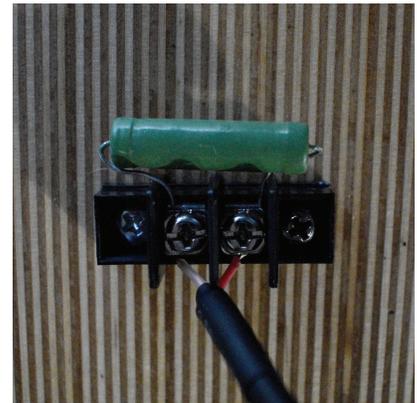
Connecting Horn to Speaker Connections: After unpacking the horns, sit horn on top of speaker with mouth facing forward. Line up front lower lip of horn with front speaker baffle. This is the preferred placement for even frequency response. Wire coming from back of horn compression driver are colored white and red.

Hon Itaria (small horn) attach red wire to the **R screw** as you are facing the speaker and the white wire to the **L screw**. This is a reverse polarity connection due to the phase of the smaller HF111 compression driver.

Hon Hiro and **Bosuhiro** (large horn) the phase is in positive phase which means the red wire is attached to the **L screw** as seen from speaker front. The white or clear wires are to the unused screws.

Horn Terminal Block Resistor: The smaller in value resistor either 1 ohm (*Itaria*) or .5 ohms (*Hiro*) are placed on the backsides of the Horn Terminal Block on top of speaker. It does not matter what end goes to what terminal. The two resistors form an L-pad Attenuator that sets the loudness of the horns.

The top resistor is **NOT** to be adjusted.



The Rear Attenuation Resistors Come in Two Flavors:

For **Hon Itaria** use either a 10 ohms or 12 ohms resistor. It gets plugged into the two grey terminals on the back speaker plate.

For the **Hon Hiro** and **Bosuhiro** use either a 7 ohms or 8 ohms resistor. It gets plugged into the two grey terminals on the back speaker plate.

These adjust the horn treble response either up or down, about 3dB. Go to a larger sized resistor if you require lower treble or a smaller sized resistor if you require brighter treble.

