

# **VERY IMPORTANT NOTE ABOUT YOUR SPEAKERS**



ALL 6.5 inch, 6 X 9 inch and 8 inch speakers have their limits. No matter what the power ratings are, mechanical limits, or what is called XMAX. Once the speaker has moved as far as it can go (linear travel) there is NO MORE. Asking them to move further (go lower in frequency) will ONLY cause speaker damage. NOT the typical "burned" voice coils. But, instead, we are seeing the tinsel lead connections tearing off from the voice coil/spider connection. Not thermal damage (which is 95% of ALL speaker failures!) Our issue is strictly caused by over-excursion. Meaning the speaker is moving TOO far, and crossed over TOO LOW!

To solve this problem... simply set your High-Pass crossover higher. Below are our recommendations. This will solve a lot of issues, long terms!

## **Recommended Crossover Frequencies:**

### **CHX65.4/CHX65.2**

120Hz AND UP 24dB PER OCTAVE  
CROSSOVER SLOPE

### **CHX69.4/CHX69.2**

90Hz AND UP 24dB PER OCTAVE  
CROSSOVER SLOPE

### **CHX8.4/CHX8.2**

90Hz AND UP 24dB PER OCTAVE  
CROSSOVER SLOPES

For more information and support, visit:

**CICADA AUDIO.COM**

# CHX69.4

Congrats, you're going to fck!ng love these.

# CHX69.4

## Pro Coaxial 6X9-inch Horn Speakers

### FEATURES

- Nanofram™ horn cover
  - Exclusive technology designed for maximum tweeter protection from rain
- N35SH Neo magnet
- Rain or Shine™ all weather performance design
- External 12dB crossover with optional -3/-6 tweeter resistor pack
- Aluminum tweeter diaphragm material
  - Brighter sound
  - More efficient
- Carbon Matrix Composite™ (CMC™) cone
  - Lightweight / high temperature tolerance
  - Maximized efficiency / super strong
- Die cast Aluminum custom tooled basket
- Two (2) year warranty
- Sold as a pair

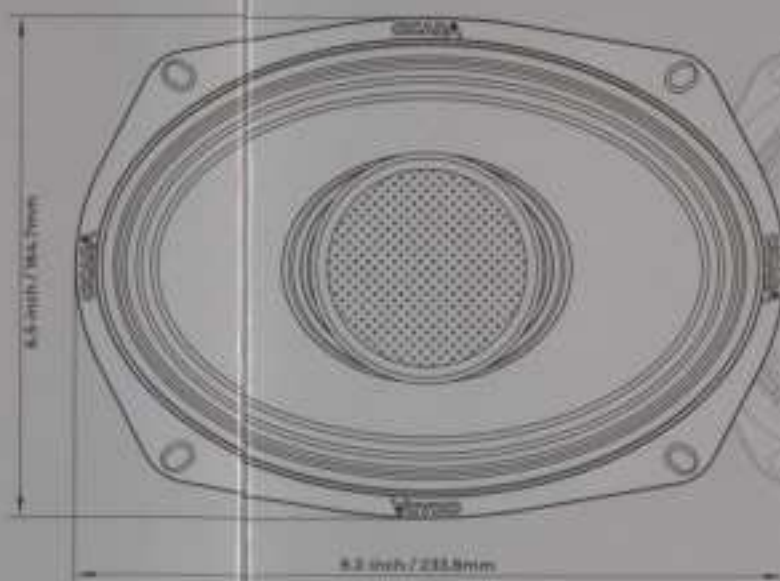
### SPECIFICATIONS

- 4Ω / 6X9-inch pro-coaxial horn driver
- Power Handling: 400W RMS/800W MAX
- Voice Coils: 2.5-inch/64mm mid-bass and 1.75-inch/44mm tweeter
- Cone: Carbon Matrix Composite™
- Tweeter Dome: Aluminum
- Crossover: 12dB external custom tooled, vented, and encased
- Tweeter Attenuation: -3/-6 dB heat sink encased resistor pack
- Magnet: Neodymium
- Sensitivity: 92dB
- Frequency Response 46 Hz – 20 kHz +/- 3dB
- Mounting Depth: 3.75-inch/96mm
- Mounting Diameter: 5.7-inch/145mm X 8.5-inch/216mm

✓ **2 YEAR WARRANTY**

✓ **RAIN OR SHINE™ PERFORMANCE**

✓ **DESIGNED IN USA**



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