



## Introduction

The name 'Decware Zen Tube Tots' tells you a lot. Decware Zen tells you they're simple. Tube suggests they pair well with tube amps and Tots tell you they are small.

They feature some pretty exotic little wide-range drivers only 4 inches in diameter that shame many of the 4 inch drivers on the market, both in efficiency and frequency balance.

Paired with an equally exotic enclosure with real burl hardwood veneer the Tube Tots are sure to become one of your favorite speakers.

## Design

The top driver is crossoverless and 8 ohms. The bottom driver has a top grade copper foil inductor in series with it and is also 8 ohms.

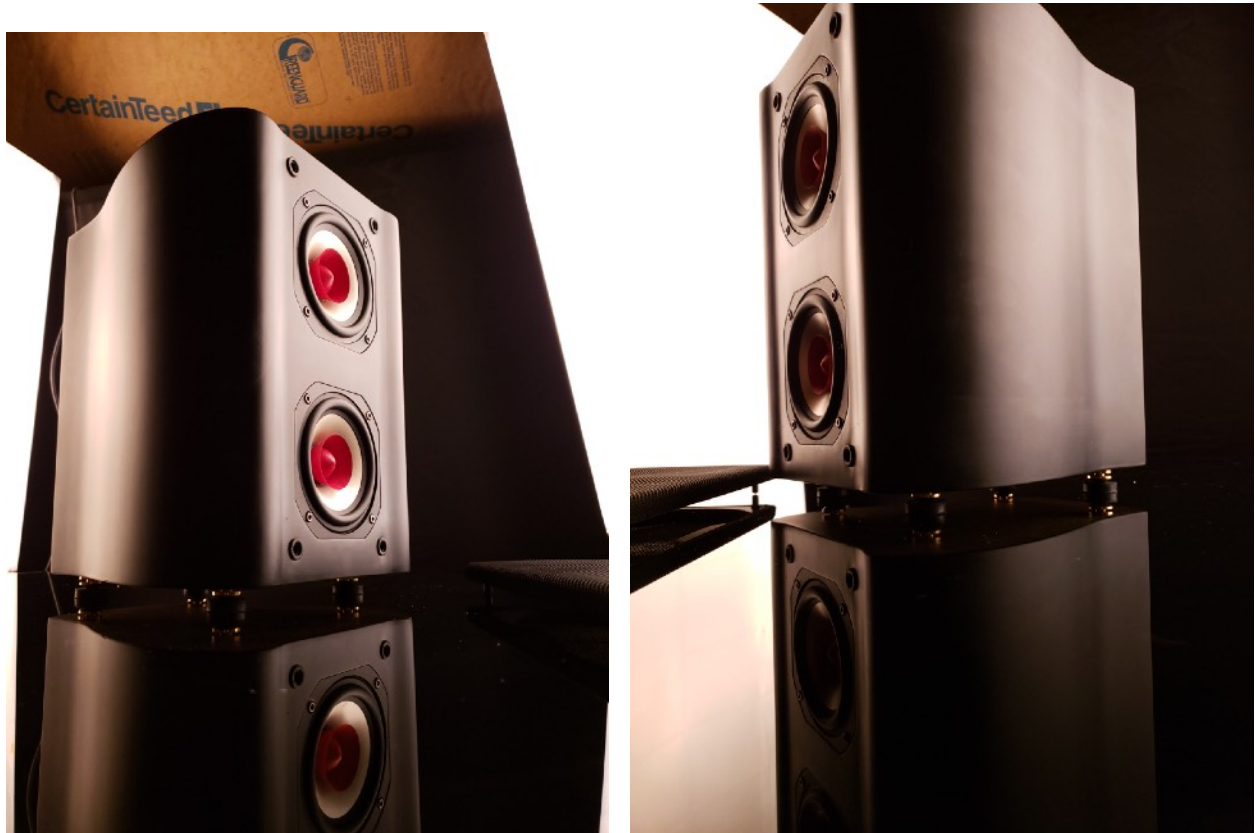
Each driver has it's own pair of binding posts so that the speaker can be bi-amped or bi-wired.

For conventional operation with a single speaker cable the posts are jumped together with a pair of gold-plated copper rods that sound absolutely superior to any other jumper design, including wire. The drawback to these rods is that you must use speaker wires with banana jacks because the rods occupy the space where spade connectors would normally go.



When you are not bi-amping this speaker and using the gold rods, the speaker is 4 ohms.

The front baffle is designed with the sides to create a wave guide that makes the speakers disappear better, and considering how well a stand mounted bookshelf speaker this size normally disappears anyway, this speaker is sonically invisible when the grill is removed.



### Specifications

Impedance is: 4 ohms nominal or 8 ohms x 2 which means each driver is 8 ohms so if you bi-amp the speaker each amplifier channel sees 8 ohms. If you don't bi-amp the speakers they are 4 ohm speakers.

Power Handling is: 30 watts RMS

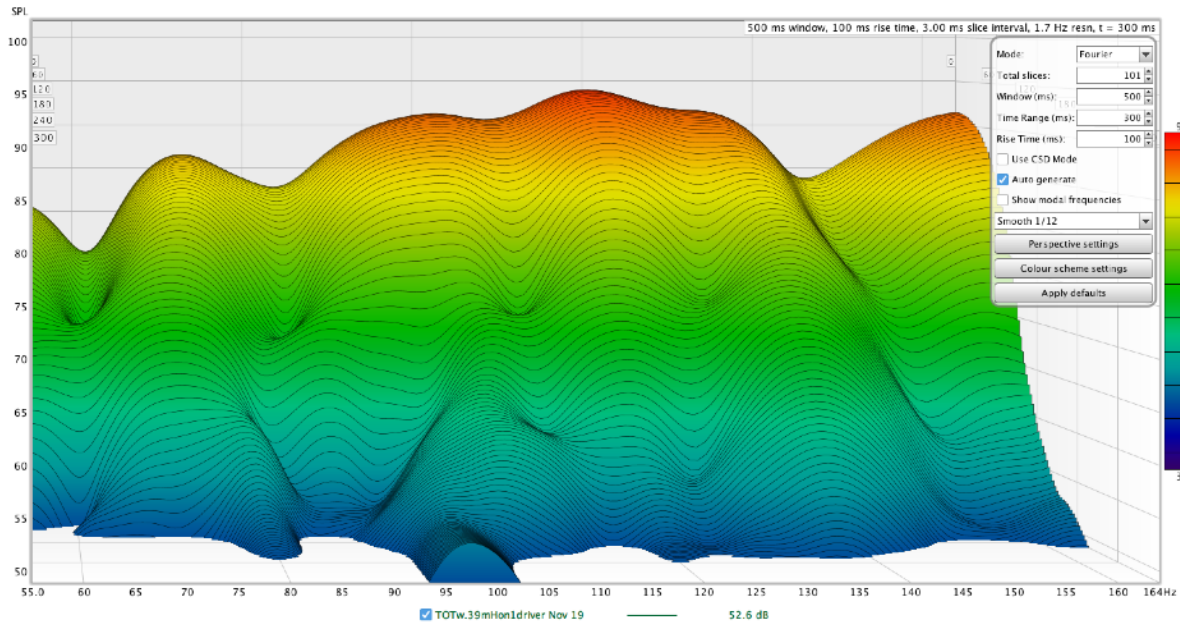
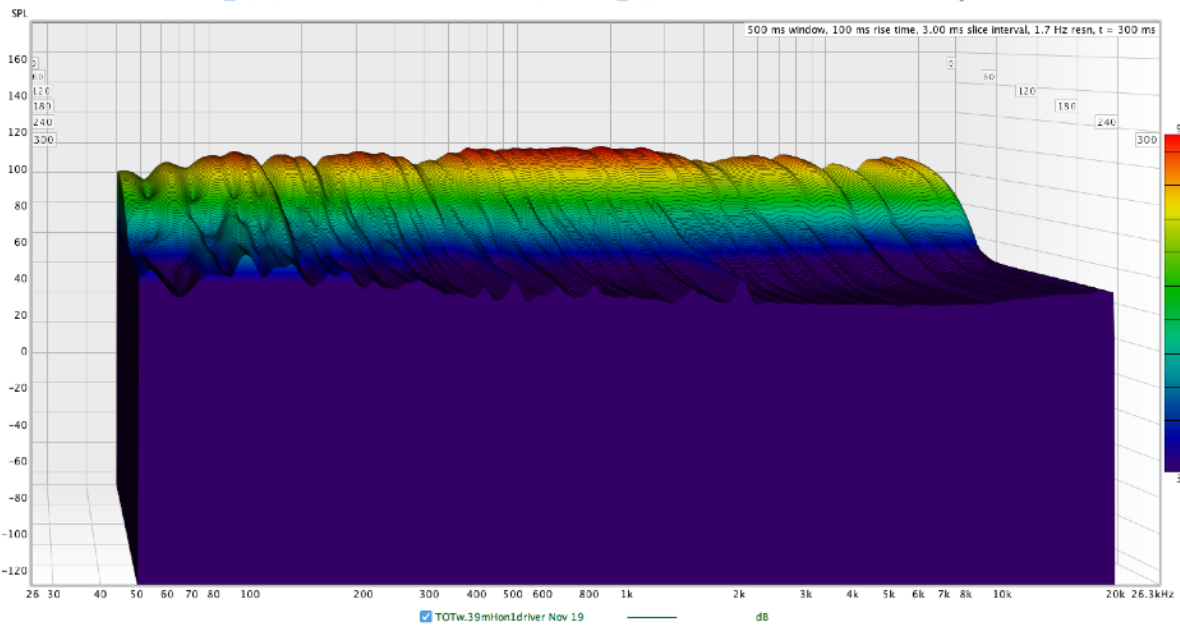
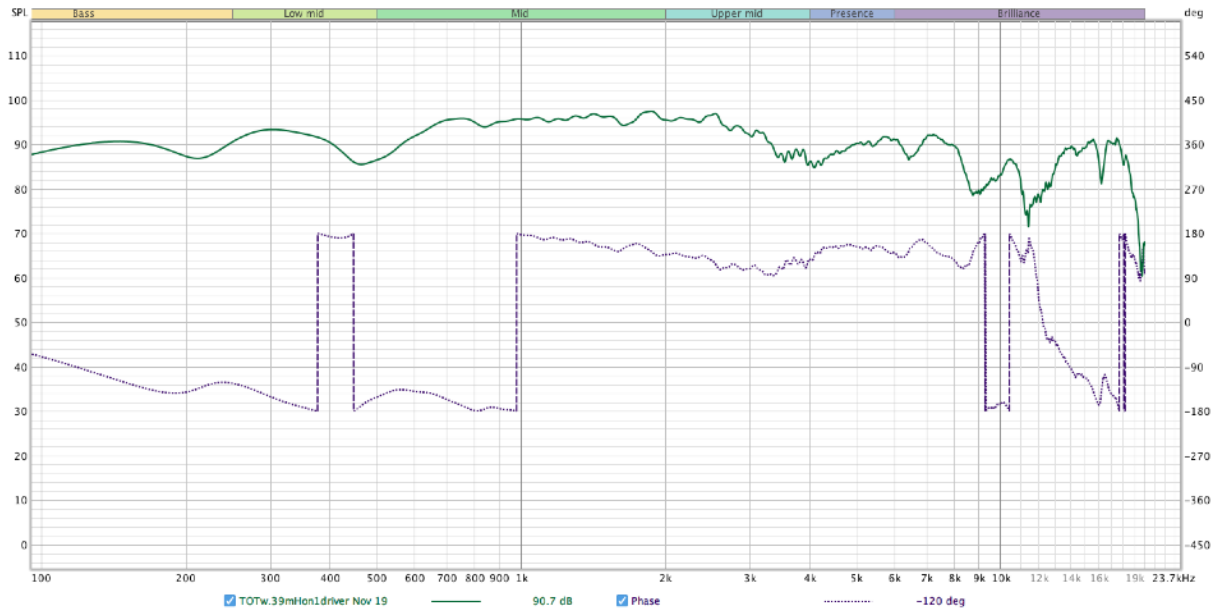
Sensitivity is: 93dB at 1 watt at a distance of 1 meter.

Size is: 12" H x 9" W x 10" D

Frequency Response is: 60Hz to 20kHz

# DECWARE LOUDSPEAKERS

# DECWARE ZEN TUBE TOTS



### Placement

Tube Tots can be placed anywhere you like.

For serious use the Decware Tube Tots should be stand mounted and pulled out into the room several feet from the front wall and toed in towards the listener. Stands should be 24 inches high.



### Speaker Cable

We feel that with transparent amplifiers, especially lower power tube amplifiers, that speaker cable is as important as the speaker itself. It's not an accessory. The speakers will reward those who use exceptional wire. Interconnects between components are also equally important. The Tube Tots will reveal every nuance of your system's components and cabling.

### **Spikes**

The Tube Tots come with threaded brass spikes that can improve performance



### **Warranty**

The Tube Tots come with a 5 year warranty against defects in materials and workmanship

### **Amplification**

Recommended amplification would be a Decware tube amplifier or something of equal quality.

### **Support**

Contact us at [www.decware.com](http://www.decware.com) if you have any questions or need tech support.