

Triton Reference Specifications

Dimensions

(height is with base installed, no spikes)

9-1/4" (23.36 cm) W x 18-3/4" (47.6 cm) D x 58" (147.27 cm) H

Base: 13-5/8" (34.5 cm) W x 22-1/4" (56.4 cm) D

Weight

Product: 108 lbs (49 kg) /

Shipping: 150 lbs (68 kg)

Frequency Response

12 Hz - 35 kHz

Efficiency

93.25 dB

Nominal Impedance

Compatible with 8 ohms

Driver Complement

Three - 6" x 10" Long-Throw Quadratic Reference Subwoofers, coupled to:

Four - 9-1/2" x 10-1/2" Quadratic Planar Infrasonic Radiators

Two - 6" High-Definition Cast-Basket Reference Mid/Bass Drivers

One - High Gauss Reference High-Velocity Folded Ribbon (HVFR™) Tweeter

Recommended Amplification

20 - 750 watt/channel

Built-In Subwoofer Power Amplification

1800 watt SuperSub digital/56 bit DSP Subwoofer Amplifier

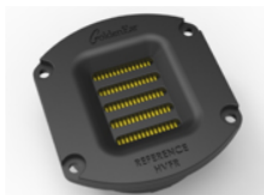
Power Requirements/ Consumption

Low Voltage Version - 120 V at 60Hz / 1800 Watts

High Voltage Version - 240 V at 50Hz / 1800 Watts

(Approved for NA (TUV) and the CE market.)

State-of-the-art GoldenEar Technology Drivers



High-Gauss Neodymium Reference High-Velocity Folded Ribbon (HVFR) Tweeter

- Tweeter Diaphragm is a High Temperature Film
- 50% Larger High-Power Neodymium Magnet
- Squeezes/Pressurizes Air Instead of Pushing It
- Greater Control, Smoother More Extended Response
- Vanishingly Low Distortion
- Dramatically Improved Dynamic Range and Detail
- Superb Dispersion Characteristics



High-Definition 6" Cast-Basket Reference Bass/Midrange Drivers

- GoldenEar Multi-Vaned Phase Plug (MVPP) Design
- Rigid Free-Flow Cast-Basket Chassis
- Proprietary Computer Optimized Cone Topology
- High-Gauss Focused Field™ Magnet Assembly
- 1" High-Temperature Kapton Former Voice Coil
- Extremely Extended Resonant-Free Linear Frequency Response Characteristics



6" x 10" Long-Throw Quadratic Reference Sub-Bass Drivers

- Ultra-Long Throw
- Glass Fiber and Nomex® Composite Cone
- Huge, High-Gauss Focused Field™ Magnet Assembly
- 1.5" High-Temperature Aluminum Voice-Coil
- Quadratic Cone topology for Maximum Cone Surface Optimization



9-1/2" x 10-1/2" Quadratic Planar Infrasonic Radiators

- Quadratic Planar Radiators, Four on Triton Reference
- Pressure-Coupled Loading Extends Usable Bass Performance to the Infrasonic Region
- Performs Like a well-Tuned Transmission Line but with Superior transient Performance and Control
- Inertially-balanced opposing design