

## TECH SPECS

### BANDWIDTH

Truly full output (-0 dB), even anechoically, to below 20 Hz

Usable output extends below 15 Hz

### DRIVERS

BilletCore™ ultra-high-rigidity subwoofer(s) with a diameter of 53 cm (21")

InVincible™ 21.1 - single driver

InVincible™ 21.2 - dual drivers

### AMPLIFIER

Up to 6,000 watts RMS (requires a 230 Volt AC hookup, otherwise 3,000 watts)

### DSP

Proprietary DualCoherent™-inspired crossover with user-controllable frequency

Designed using software developed in-house

Pre-programmed for precise matching with YG Acoustics™ speakers

Extensive options for matching with third-party speakers

### DIMENSIONS

75x68x68 to 177x68x68 cm (30x27x27 to 70x27x27") depending on configuration

### WEIGHT

111 to 210 kg (244 to 462 lbs) unpackaged, depending on configuration

### COLOR

Signature Red Edition available with red accented trapezoid and binding post.

Contact YG Acoustics™ for more information.

*YG Acoustics constantly strives to update and improve existing products as well as create new products and technologies. Therefore, specifications and construction details are subject to change without notice.*



InVincible™ 21.1

InVincible™ 21.2

# INVINCIBLE

*Pure Authority*



InVincible™ 21.2 in Red



Scan for Google Map

## HANDMADE IN USA

YG Acoustics, LLC

4941 Allison St. #10, Arvada, CO 80002, USA

+1-801-726-3887 | info@yg-acoustics.com

[yg-acoustics.com](http://yg-acoustics.com)



Engineered by Yoav Geva  
Founder of YG Acoustics™



YG ACOUSTICS™

## DESCRIPTION

**InVincible™ is the world's first hyper-high-end sub-bass speaker.** It was created to solve a specific problem: owners of the world's finest flagship speakers often felt that adding a subwoofer to their system caused more drawbacks than improvements. YG Acoustics™ addressed the issue by creating a truly extreme solution, a no-holds-barred assault on everything deemed possible in the sub-bass realm. InVincible - Pure Authority, Handmade in U.S.A.

Innovations include, first and foremost, the largest **BilletCore™** driver ever made at 53 cm diameter (21"). The cone is machined from a massive 30 kg (66 lb) slab of aircraft-grade aluminum. When finished it weighs 411 grams (14.5 oz). The basket is also CNC-machined in-house, then precisely assembled from 238 parts using lab-grade alignment and tolerances.

The dedicated built-in amplifier boasts up to 6,000 watts of RMS power for unrestricted dynamics. In a world filled with offshore-outsourced electronics, this amplifier stands out by incorporating a real high-end, custom, U.S.-made class D module.

The unique layout of the 21.2 configuration sports dual, opposing-yet-tilted drivers. It combines the freedom from vibration of a push-push setup, with the ease of room-integration typically associated with front-firing subwoofers. The "flipped" arrangement, with enclosures on both ends rather than in-between the woofers, minimizes their spacing thus further easing room-placement.

The **Cabinet** is precisely CNC-machined from solid aluminum billet. Like YG Acoustics™ flagship Sonja™ XV and Sonja™ 2 series, its construction is a "box within a box", to minimize vibration. A sealed alignment eliminates port-issues and the time-delays associated therewith.

**FocusedElimination™** is used to minimize loss.

The built-in DSP crossover offers extensive options for matching with most high-end speakers. Furthermore, when mating InVincible™ with a YG Acoustics™ speaker, the guesswork is entirely eliminated. InVincible™ is pre-programmed for precise matching with any current YG Acoustics™ speaker and many legacy models, using a foolproof process inspired by the famous **DualCoherent™** technology.

## CONFIGURATIONS

At YG Acoustics™, we pride ourselves in protecting our discerning customers' investments for many years to come. We do so by ensuring that one almost never needs to replace any of the YG Acoustics™ offerings listed below. Instead, existing products can mostly be upgraded to the latest technology, and/or expansion modules can be added.

In most cases, upgrades and expansions can be done in the field (i.e. in the customer's home) without the need to ship the speakers anywhere, in a matter of hours.

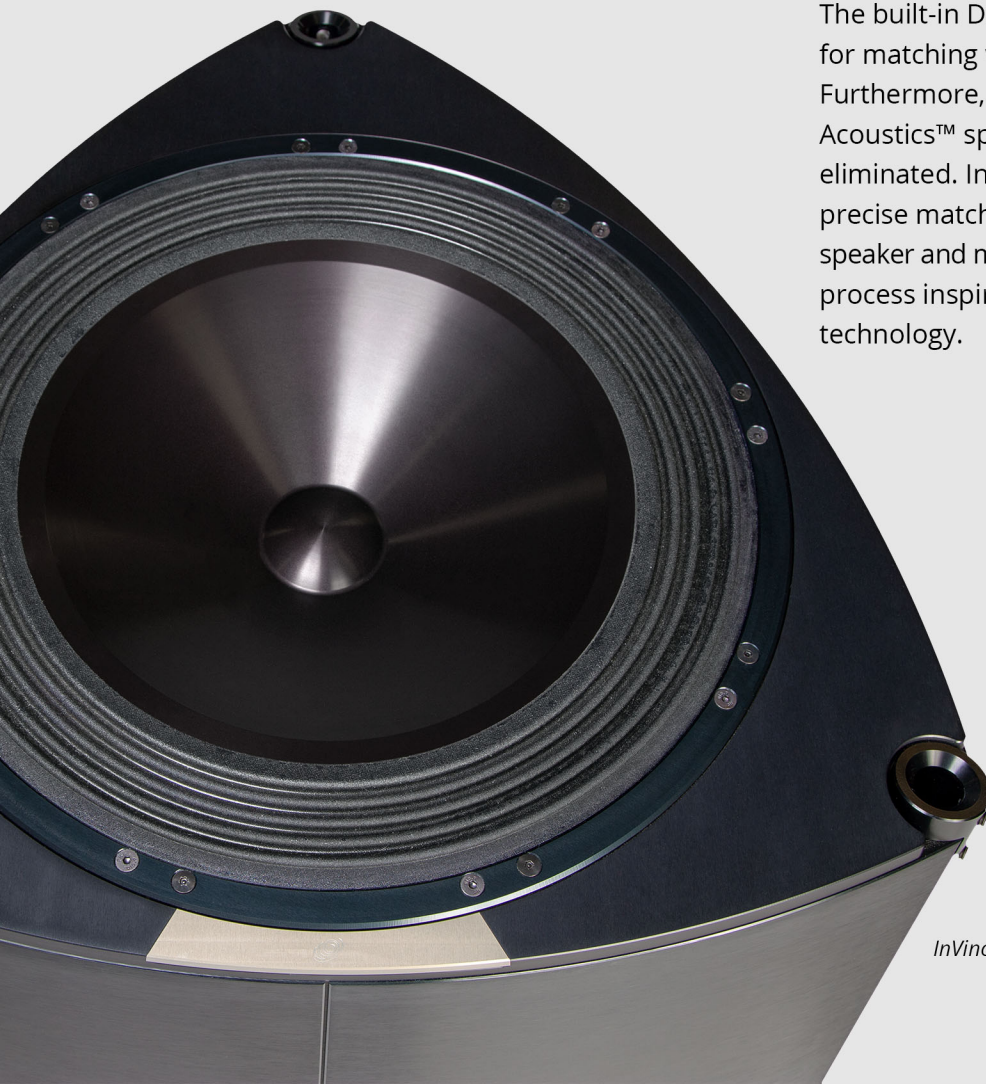
InVincible™ is available in three fully modular configurations, which can be expanded from smaller to larger, without the need to replace existing modules:

**InVincible™ 21.1** – an ultra-high-end single-driver subwoofer.

**InVincible™ 21.1i** – a down-firing configuration of the above, to protect the driver in busy high-traffic households, or to allow for placement of a center-speaker on the flat top surface.

**InVincible™ 21.2** - the flagship; a large, ultra-high-end dual-driver subwoofer.

*InVincible™ is fully compatible with both two-channel (stereo), and multi-channel audio and home theater systems.*



InVincible™ 21.1

