



YG ACOUSTICS



# INVINCIBLE

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Our Reference range demonstrates the very best that can be achieved in accuracy and musicality. We are honored that these models are some of the most awarded loudspeakers in the world.

Invincible is the world's first hyper-high-end sub-bass speaker, created to solve a specific problem. Namely that owners of the world's finest flagship speakers often feel that adding a subwoofer to their system causes more drawbacks than improvements.

By pushing the conventional boundaries of possibility, YG Acoustics incorporated proprietary, leading-edge technology to devise a no-holds-barred assault on everything deemed possible in the sub-bass realm.

Invincible introduces the largest BilletCore driver yet. Machined in-house from a massive, 30 kg (66 lbs) slab of aircraft-grade aluminum, this cone measures 53 cm (21") in diameter. The basket, also machined in-house, is precisely assembled from 238 parts using laboratory-grade alignment and tolerances.

The Reference speakers are structured from high-grade aerospace aluminum, machined in-house to an incredible precision and hand-built by experts in our Colorado workshop. Like our flagship XV, multi-layer construction avoids resonances and provides an ideal platform for the driver. A sealed box enclosure eliminates port-issues and the associated timing issues.

The single driver Invincible 21.1 can be upgraded to an Invincible 21.2, sporting dual, opposing-yet-tilted drivers. This combines the freedom from vibration of a push-push setup, with the ease of room-integration typically associated with front-firing subwoofers.

A dedicated, built-in amplifier boasts up to 6 kW of RMS power for unrestricted dynamics. The DSP crossover has been tuned on the basis of extensive simulation and listening tests. It offers extensive options for matching with most high-end speakers, but when coupled with a YG Acoustics speaker, the guesswork is eliminated: Invincible is programmed for precise matching with YG Acoustics speakers.



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## SPECIFICATIONS

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### SPEAKER TYPE

Active subwoofer with DSP filter

### DRIVERS

Invincible 21.1: 53 cm (21") BilletCore drivers with titanium former and massive magnet motor

Invincible 21.2: dual driver

### AMPLIFIER

Audiophile grade amplifier providing up to 6 kW RMS (requires 230 V AC otherwise 3 kW)

### RESPONSE

Full output to 20 Hz

Usable output extends from below 15 Hz

Exceptionally low distortion throughout range

### DSP CROSSOVER

Proprietary DSP crossover with user-controllable phase and frequency

Preset options for matching with YG Reference speakers

Extensive options for matching third-party speakers

### DIMENSIONS (H × W × D)

Invincible 21.1: 75 × 68 × 66 cm [30 × 27 × 27"]

Invincible 21.2: 177 × 68 × 66 cm [70 × 27 × 27"]

### WEIGHT

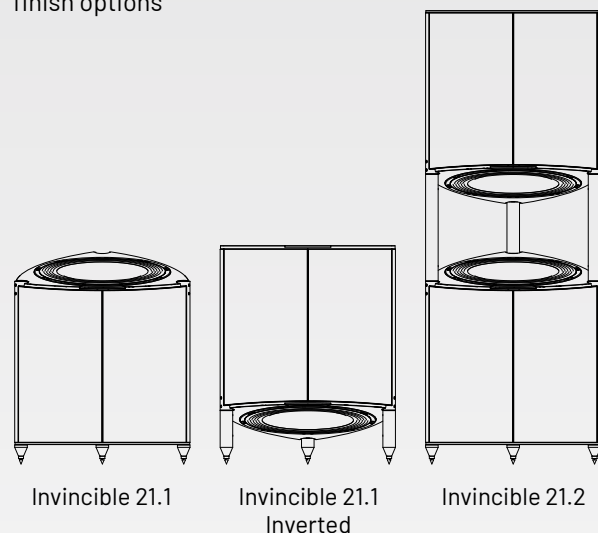
Invincible 21.1: 111 kg [244 lbs]

Invincible 21.2: 210 kg [462 lbs]

### FINISHES

Standard finishes are silver and black

Please contact your dealer for other finish options



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Founded in 2002, YG Acoustics is recognized as one of the leading manufacturers in the high-end audio industry. Everyone at YG loves music and our loudspeakers reflect our passion. They provide the most accurate, most musical performance possible today.

Our drive to recreate the emotional magic of a live performance constantly inspires us to push the boundaries of audio technology. Over the years, our journey has led us to many proprietary innovations in design, materials and manufacturing.

More importantly, our speakers provide the clearest of windows into the performance. They communicate every nuance of emotion, every musical cue from the tiniest micro-detail through to the physical impact of the most thunderous crescendo. At YG we are lucky enough to hear our speakers every day. They can bring tears to our eyes or leave us with ear-to-ear grins that last the whole day. We hope you like them as much as we do.

Please note that at YG we are constantly updating our products. All specifications and finishes are indicative and subject to change.