



THE LOUDSPEAKER

is the "body" of an electric guitar. It forms the character and individuality of the sound almost more than the amp itself. What use is the best amp in the world when the loudspeaker can't convey the sound that makes the amp so special?

Due to my years of experience developing amps and speakers, I know exactly how difficult it is to find a loudspeaker that sounds balanced and harmonious when both loud and quiet. The combination of the speaker and the casing play an important role and have led to various constructions such as open or closed speakers in differing sizes from 1x12" to 4x12".

I've been influenced and always fascinated by the big, fat sound of old English speakers, as used by bands such as Cream, The Who, Led Zeppelin, Jimi Hendrix and Pink Floyd. These Bands were allowed to transmit their sound using only their backline from the stage. Nowadays this is hardly ever the case.



THE SPEAKER

If you look at, or listen to these old boxes more carefully you'll find that they function well both loud and quiet. If more volume was needed, they just used more speakers: this led to the 4x12" box. Over the years more powerful speaker-variations have been developed, most of which only sounded good when loud. The focus changed to power and volume. The question I asked myself was "what should the focus be nowadays?".

Today we have massive PA's, which transmit the band's sound for the crowd. The guitar-sound on stage should be full but not too loud. I, myself, stopped playing 4x12" 10 years ago, although I like the sound.

After trying out 2x12" speakers, I ended up using 1x12". If I need more power on bigger stages I simply take two boxes. My guitar technician and FOH engineer, Marcus, and I have kept constantly developing these 1x12" boxes. Over the years we've tested almost every speaker that came onto the market. I reached the conclusion that, for a vintage-freak like myself looking for his tone, the only convincing speakers were Greenbacks or V30.

But even here we find differences. I own a collection of old Greenbacks from the 60's and 70's, which provide me with my ideal sound. In contrast, many new guitar loudspeakers have a cold, sharp sound. Is this maybe because the older speakers have been "played in" over the years?

A real problem with my favourite Greenbacks is their capacity of only 25 Watts. A Greenback can be surprisingly loud, but in spite of this I've burned though many of them in my time. Therefore the Greenback isn't suitable as a speaker for a 1x12" box with different users. The desire for my own ultimate speaker (suited to my taste) just kept growing. It should encompass the stable 500Hz low-midrange of a V30, but also have the creamy midrange presence and the silky treble of old greenbacks. And it needs to be resilient enough to be the only speaker in a 1x12" box.

Luckily enough, I have excellent contacts in the speaker industry meaning I was able to fulfill this dream. After intensive development work and an exact concept for the traits of my dream speaker, I finally achieved the desired result. Now with the ideal speaker, I started to work on my ideal cabinet.

NANOCAB™

Inspired by the excellent performance of the **FATCAB™**, the cabinet that I used and tweaked over the last years, I set myself the task of developing a compact, but good-sounding Box, complimentary to the **BluGuitar® AMP1™**.

The only loudspeaker that came into question for me was a 12", because I always miss the fundamental low-mid range with 10" speakers. Therefore, the 12" speaker determined the size of the cabinet. On this basis we experimented with the dimensions of the casing and various bass-reflex constructions. We quickly came to a realization: An opening in the casing provides a higher bass resonance, which gives clean and slightly distorted sounds a special airiness, but the opening shouldn't be too big. If so, you lose the important resonance and the box sounds "small". However the optimum punch for rock sounds is best achieved with a closed cabinet. This is how we came to the idea of the **NANOCAB™**'s small opening, which can easily be opened or closed according to your needs. To create more warmth the speaker was mounted to the baffle and a basket weave covering was chosen.

While testing different prototypes we had surprising results: It didn't matter what style I played - whether clean, crunched or high gain - jazz, blues or rock - the combination of **NANOCAB™** and **AMP1™** sounds perfect! Thanks to the bass-reflex harmonization, the **NANOCAB™** produces a really big sound with unexpected low-end. It is also my absolute favourite for living rooms, because it has such a full and balanced sound, even at low volume. Furthermore it's astounding how well this small box establishes itself in a band context. The **NANOCAB™** fits in a suitcase and, thanks to its compact design, can even be transported by plane, train or on a motorcycle.

The **BluGuitar® NANOCAB™** is the smallest 1x12" box with the biggest sound - a real recommendation as a compact cabinet, without any real competitors.

FATCAB™

The **BluGuitar® FATCAB™** is the result of my many years of trying to capture the sound-character of an old 4x12" box in a compact 1x12" format. Obviously I know that physics sets us limits, but I still find it surprising how well this box works for me in practice. It has proved its worth on small to midsized stages over the years, where its advantages really come to light: Because the box only has one speaker it quickly reaches its optimum working range, making the sound vibrant and less stiff. The Thiele Bass-Reflex-System and the interlocked, extremely stiffened casing provide a defined, dynamic Bass sound with Sub-bass, usually only associated with 4x12" boxes. This is still the case even when playing at a lower volume. The volume of the casing delivers an extra portion of low-midrange frequency. At high volume the box delivers a balanced sound, without any danger of droning or loosing the tight bootom due to the fat magnet of our custom designed speaker. The speaker itself gives the sound a harmonious mid-range and soft treble, which are made even silkier by being filtered through the thick basket-weave covering the front of the box.

A big chunky bass with a quick response, a creamy mid-range and a soft silky treble on top, which stays smooth and doesn't get annoying. For me, the **FATCAB™** sounds and feels like an old Mini 4x12" box. In clubs and on medium-sized stages, I don't miss having a 4x12" box at all.





Removable cover



NANOCAB™

- Type:** 1 x 12" Closed Back / Open Back
Power: 60 Watt
Impedance: 8 Ohm
Speaker: 1 x 12" special BluGuitar Classic
Wood: „Baltic Birch“ ply w/finger joint corners
Tolex: Black Levant
Grill Cloth: black Basket Weave
Weight: 10 kg
Dimension: 35 x 35 x 27,5 cm
Connectivity: 1 x Mono In, 1 x Parallel Out, 1x Serial Out
Special Features: Dual ported for best Bass-Response,
Closed Back / Open Back Cover, removable



FATCAB™

- Type:** 1 x 12" Closed Back
Power: 60 Watt
Impedance: 8 Ohm
Speaker: 1 x 12" special BluGuitar Fat
Wood: „Baltic Birch“ ply w/finger joint corners
Tolex: Black Levant
Grill Cloth: black Basket Weave
Weight: 15 kg
Dimension: 37 x 55 x 30 cm
Connectivity: 1 x Mono In, 1 x Parallel Out, 1x Serial Out
Special Features: Thiele-Small design for best Bass-Response