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Speakers: Everything But The Box - Terra LA

From: Ziv Rosenfeld / Ziv Rozenfeld

05/24/2009 - 07:00



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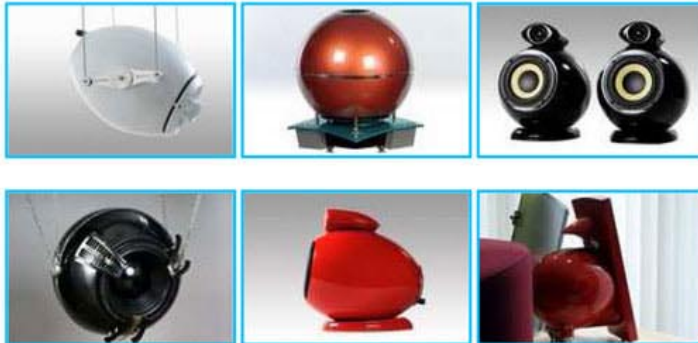
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Introduction

Everything But The Box is the leading speakers who resides Burana base which is located on the Black Sea in Bulgaria. Established by a pair of brothers named Kaman Music lovers and Dovromir Dovrb in 2003. The brothers were fed up with conventional speakers whose design was led by giant companies and decided to make products to be seen as a work of art and sound accordingly - and the company took this statement seriously.



Once you've seen the pictures, much easier for you now understand the name of the company, right? As you have seen, the products do not resemble the usual form of box speakers familiar to us, but modern design, using cast aluminum boxes, metal decorative elements cropped blazer, leather coatings ports and speaker boxes and more.

Appearances

Company Everything But The Box offers under wares five pairs of speakers, when today we concentrate on the Terra LA model. This model is from pages, located just below the most prestigious model of the company, the Terra II and apart from some differences as drivers of TB speakers (the Terra II uses the drivers from the Israeli morale), Cliff's terminals compared with Supra and more extensive finishing options.



As shown, the Terra LA with an outstanding finish and an unusual structure. Home Huofr made a round cast aluminum. Those who do not know, a round box is the most optimal shape for the speaker boxes because it is free of problems such as acoustic waves are internal or structure problems. In addition, the metal of choice for writing is not accidental, ordinary boxes of speakers should consult the internal lining materials in order to quell the box and keep her from "playing" with the drivers, this contributes to a larger box for the volume of lining material is not always what is best. When the box is made of metal casting and more circular shape, lining materials can skimp and get a smaller box with the same performance and better even larger container in traditional ways. Front panel in front of the Terra LA wood when he placed the tweeter, mid and woofer and the bottom port.

According to the manufacturer, he advises Grill drivers because it could hurt the outcome auditory and external - I tend to agree with him on this point and probably you, are not we all remove Grilles when we are in a listening critically or just for taking photos of the system and this is because the speakers are always visible better off without the usual.

Went used in the automotive field and asked an assistant to look perfect and flawless apart of the box. The box itself is covered in decorative metal - mild steel with a caption, the port has an inner lining of leather, spikes and all the decorations were cut on CNC and Manual Polishing passed. I could go on here a few more pages done on finishing invested in Terra LA, but I suppose you have understood had the idea. Company Everything But The Box was not spared here, and we finish here, definitely a loudspeaker which is a work of art and a joy to behold.



Technical Data

- Frequency 69-25KHz \pm 3db
- Nominal impedance 4Ohms
- Sensitivity 86db 1W/1M
- Tweeter silk size 1 "
- And shielded woofer size 4 "
- Dimensions (HxWxD) cm: 38x19x29
- Weight 6.8Kg

Configuration

Height of the listening space (living room better name) is 2.8m, the speakers were placed on one side of a 4m wide living room. This rib distance to the opposite edge is 3.5m. Another side of the living room with large window which faces the second side porch open kitchen and the foyer of the apartment. Untreated cavity acoustic listening, but with a thick carpet that covers an area of 2x2m right against the speakers. The space also share a large leather sofa 3 + 2, heavy wooden furniture and a few pictures on the wall. Although the acoustics of the hall is not as small, dark jazz that sounds great, but that which accurately reflects the existing acoustics of a typical Israeli common living room.

Critical listening to the speakers was held at a distance of 2m when the speaker is a bit On Toe-in recommended by the manufacturer. The distance between the speakers stood on 2m and their distance from the rear wall was 0.5m



Terra sensitivity is 86db/1W/1M LA, so it is likely that they will benefit if attached to a dedicated amplifier. Amp selected honorable task is the [Burson Audio PP-160](#) as a high - End Australian. This stereo amplifier, has an output of 85W and 160W at 8Ohms in 4Ohms and data to know to prepare for action the LA Terra easily.



Speaker cable which Sodko between amplifier speakers were GutWire Basic². This cable is made from 207 separate conductors with polyethylene insulation and a braided copper shield. These cables, signal the pros and cons completely separated by a pair of separate cables and thus the Crosstalk is kept to a minimum to not exist, it allows the cable to the signal in an exemplary manner with no interruptions.

The LA innocent Terra configuration option Bi-Wire (and probably rightly so with such small drivers) so the connection is done routinely.



The GutWire Basic2 Terra connected to LA

All sources for examination of the speakers were connected digitally, the cow, which was WR sample of the RX-V1900 Yamaha.

Review process took a period of one month are used in everyday speakers from using them for normal TV viewing, watching the regular series through using them for home theater by Blu-ray titles with Soundtrack Lossless critical to listen to DVD-Audio title or Audio CD.

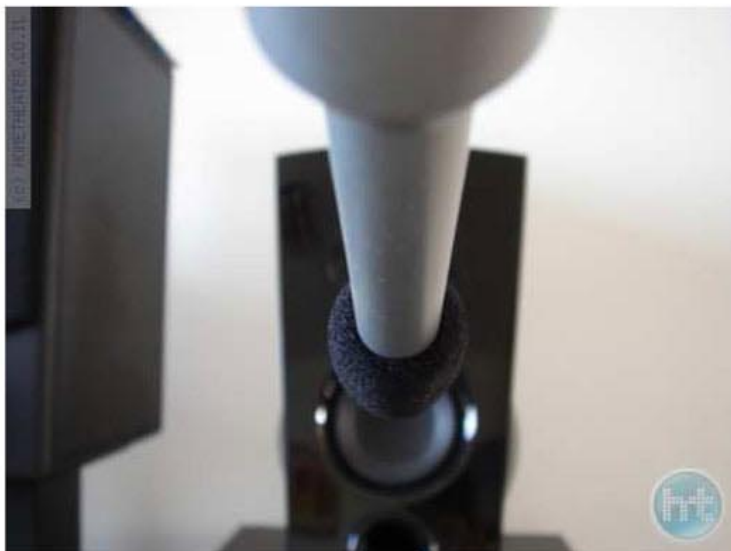
Measurements

Although the ideal environment for doing this is a dedicated room, but such a configuration derived measurements do not reflect the common living room performance, therefore the measurements were typical in my front room (as it was a good excuse?).

The following measurements are measurements of response frequencies (Frequency Response). These measurements will give an idea of the sound quality of speakers subjects, if they have a tendency not Alley toward tall, short, or any combination in between. Test Tones by playing all the usual frequency range of 20Hz up to 20Khz and measuring the relative volume at any point, we can get our hands on how to find objective of speaker performance bands. Since all the test tones are fed to the speaker amplitude consistent, any deviation from the expected graph, a deviation from the expected functioning of the speaker and therefore is a negative response in terms of a desired result. Perfect measurements show a graph as a straight line along the frequency axis and the same height in terms of power.

Hardware

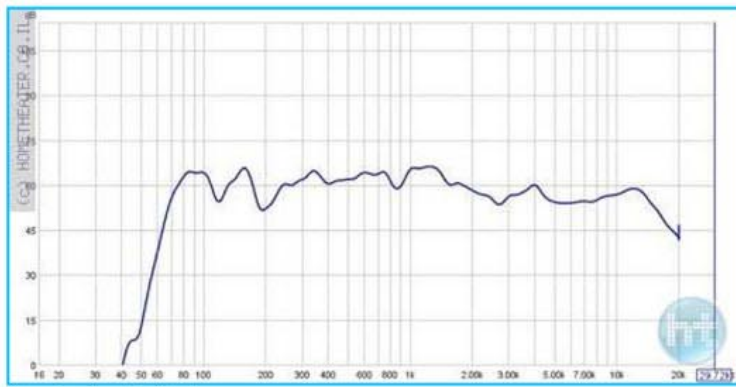
The measurements were made using sample measurements Microphone [Behringer ECM8000](#), which was placed on the status of my floor. This mic domain displays a wide and linear response, with a reception texture and volume of Omni Directional Speakers ideal for surveying. Connect microphone XLR connector by an external sound card for phantom power. Manufactured sound card [M-AUDIO - Fast Track Pro](#). Sound card connected via optical cable receiver Yamaha RX-V1900 for playback signal measurements. Sound speakers stereo amplifier was such Burson Audio PP-160.



The Behringer ECM8000 Microphone in Action

Software

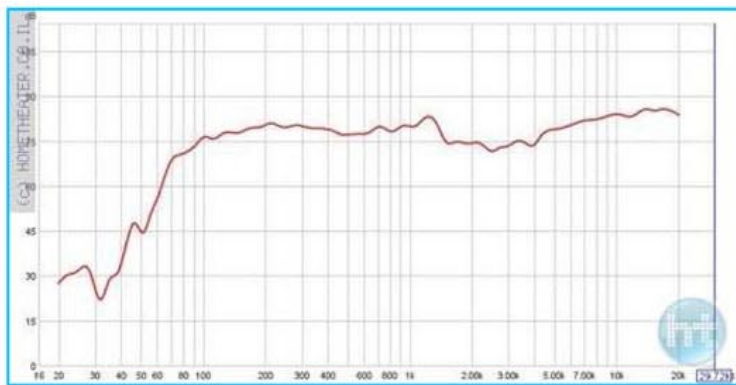
Generator is used in the Room EQ Wizard. In Measurement Sweep Generator is run from 20Hz up to 20KHz length of 1MB. The measurement itself was done in software which is an Audio Spectrum Analyzer and graphics were taken from measurements.



Measuring from the listening

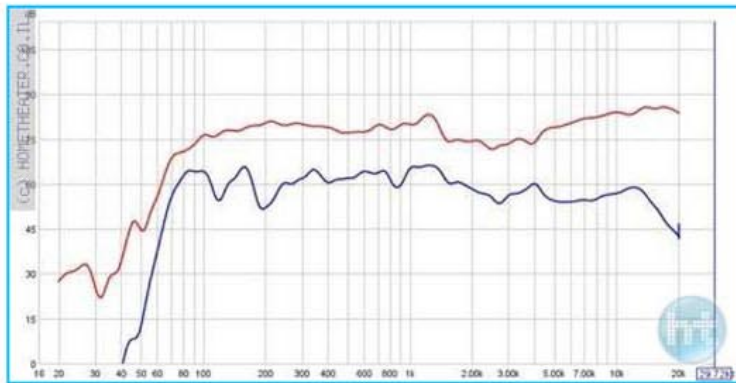
Let's start with the measurement of the speakers from the listening. First of all, it is surprising to see that the driver size of 4" can play below the 100Hz, but as you can see, he does so fairly low volume, more than 60db distinguish between a higher low frequency below the scale, this is not something we want to see our speakers, But because the size of the driver is mentioned only on the size of "4", is unfathomable. Than 40Hz is pretty steep increase, which stands at 82Hz and continues almost until the end of that scale. 12200Hz frequency can be seen that there is a gradual decline over the following to the end of 8KHz range measured.

In order to eliminate as much as possible the effects of building acoustics of the room containing the various returns which many affect the measurement results, we repeat the test at a distance of 1m.



Measuring the distance of 1M

At first glance, we notice that the graph now slower, has less aberrations over the range measured by the partial cancellation of building acoustics of the room. Gradual increase up to 100Hz is also seen here, but the frequency 12200Hz, this time not see the gradual decline, but rather keeping the volume even increased slightly.



Combining the two previous measurements to compare more easily together

Performance



The examination of the stereo opened with Tschaiokowsky: Piano Concerto No 1. This piano concerto which was recorded in late December 1988, the lead singer is a child prodigy who Evgeny Kissin performs breathtaking performance while a total of 17. This recording should be relatively easy to Terra LA because she was not combining too many tools at once and most of the recording is a piano that plays mostly on the mid frequencies.

Well, apparently I was wrong. This recording was simply too big for the Terra LA. Although amplification possession of Burson Audio PP-160, size driver is still only 4" so the work there was quite a small space, great audio. When the band enters to accompany Kissin, we should expect that the speakers fill the room with sound waves, all the space to listen our be rich sounds which wrap us all around and we are the center of the best essence, the Perfume If you like, but in this case I received Au De Toilet. I realized that continued listening to the speakers with such large pieces that would be an injustice so that we will need a slightly different music.

You tell me, when you look at the speakers, who will show you they are? Adults or young people? Audiophilim Distinguished adults or younger audiences? I am probably chose the last option. After dealing with the question of target audience, what style of music do you think an audience can hear this kind, symphonies dust that being played through a phonograph or light pop music more modern sources like iPod? It is likely that here too as I chose the last option.



So we light pop music? We light pop music (and really not in a bad way).

Fergie with her album *The Dutchess*, comes to entertain our time. Those who do not know Mrs. Fergie, is the frontman of Black Eyed Peas and this album is her first solo album. The album combines many styles, from muska with Track Mary Jane Shoes, hip - hop, soul music and pop up to date catchy. She hosted many talents album like Nelly, Ludacris, will.i.am company band Black Eyed Peas and a few friends. The album certainly colorful and great versatility combines musical styles.

To make a long story short, pop music is music for the Terra LA. Speakers failed to transfer to volume and great musical experience as we have seen some styles of music, but for pop music like Fergie and her friends, they have performed pretty well. Do not get me wrong, this type of pop music is also quite right to pump and power, but the manner and style of music allows Lngnm through speakers a little easier.

Fergalicious sounded brash and catchy as it should be. Track Ludacris Glamorous entertaining sounds pretty groovy. The Terra LA were quick enough and demonstrated obedience to their talent in this style. Identical performance also recorded with pop disc *Blackout* by Britney Spears.

To summarize this section can safely say that the LA Terra good current pop music tune. Extensive musical compositions such as concertos, operas or concerts that require volume will not do and will sound out of place.

Episode Extra

The size and structure Terra their LA invites their use for computer monitors. Stocked up for an external sound card so the computer model [Tec on audio MODEL 55 Single-Ended Integrated Amplifier](#). Product name quite long and after reading it, you can already guess that it includes amplification (lamp in this case) and structured DAC. What you can not understand his name, that he was working in Class A, an amplification of 4.5W per channel and uses the chip of Burr-Brown PCM2702 with 8x Oversampling filter perform. By the way, a sound card \ amplifier that weighs 8.5 pounds healthy.

Sound card \ amplifier was connected to a computer on USB, that we completely skip the built-in sound card on your computer. Used the same type of speaker cables GutWire Basic².

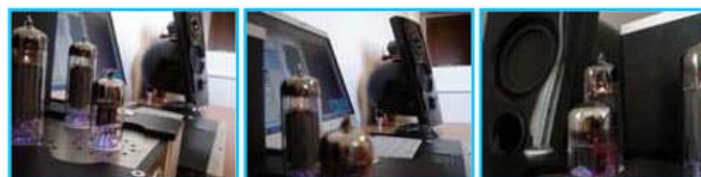


The Tec on audio MODEL Terra 55 is connected to LA

I repeated the concerto featuring Evgeny Kissin, maybe this experience will have positive results than last time. Well, it turns out that sit close to Terra LA doing well, not only because now I can be impressed by their appearance closely, but more important reason - this time speakers sound better too. Truth that there is no logical reason to it, because that - Terra LA with a driver's "4 only, using them as Near Field Monitors almost completely eliminates the disadvantage of driver size.

Composer Tz'aicovsky Remember symphony works more favorably than the concerto, piano concerto, but it's easy to be impressed by how this work is one of the best of the Russian composer. Orchestra and solo instruments of Kissin playing together in ensembles Toury, when you need an energy burst, Kissin piano player gently stepped back and let the band develop the music section aggressive. After the stage was built by the orchestra, moderation is reassuring herself and Kissin went regal elegance with extensive control over the piano keys as if his fingers were. Kissin needed again when leveling through, he stepped back a little and the band takes the reins avenue. That the work is repeated in a cyclic length of a little over 50 minutes of wonders.

The Terra LA help hearing every note, every key pressed or pedal piano. Their resolution is wonderful, and they constitute one of the most successful election in terms of appearance and in this case - the sound, go for Near Field Monitors.



Summary

The LA Terra Speakers are unique, they are indeed not the sharpest pencil pencil case in terms of

performance, but they manage to conceal this shortcoming to some extent by the spectacular design. If you read deeper into the audit, their success has been to understand yourself that are not speakers for serious Haodiophil which sits once a month with friends and listening to adults too seriously from the 60 symphonies, gramophone and confident that everything related to digital bits and is the foreclosure, but speakers who are Young audience, fashionable and sophisticated, audience that a priority is looks, charm and eye-pleasing.



EBTB company also failed to offer a compatible wall position offers the speakers, which makes them create real art. That and the fact that you can choose the finishing touches to an endless list of speakers colors and finishes, making them one of the most ideal speaker pair for the living room or computer station.

Today the company is Everything But The Box representative offices in many countries, ranging Maotrih far, through Greece, Spain, Iceland and many more. Israel is currently free of local representatives, but for the performance of the speakers and their appearance (especially by the last one), it is believed that this current situation will not remain so for long.

No wife or girlfriend sensual lover who refuses to place the Terra LA living room, your friends were gonna at them when they come to visit and be sure you hold affordable micro fiber cloth to polish them for all to see. If you consider yourselves as those who think outside the box and tossed with the herd in terms of brands, Terra and may LA are your next pair of speakers.

Recommended retail price: 1398 euros.

For further discussion of the audit [click here](#) .

Special thanks to Mr. Dobromir Dobrev from Everything But The Box Who Supplied us with the sample units We Used for this review



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