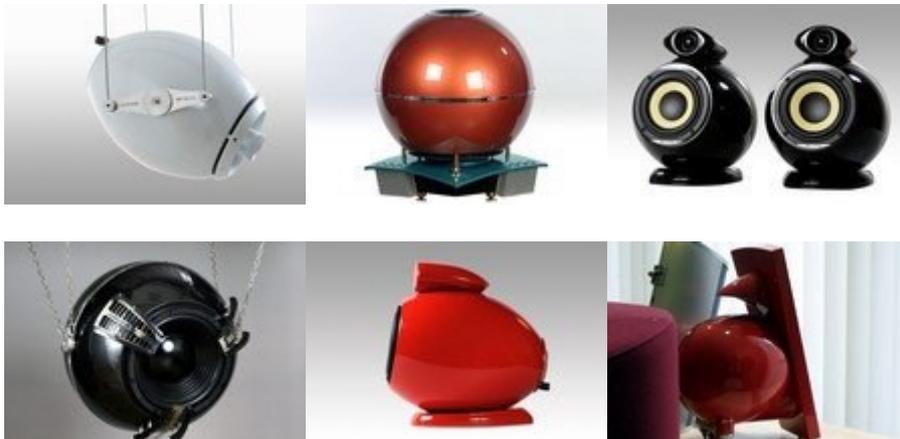

Speakers: Everything But The Box - Terra LA

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Introduction

Everything But The Box is a company based in speakers located in Varna, which is located on the Black Sea coast in Bulgaria. The company was founded by a pair of brothers named Kaman music lovers Odovromir Dovrb in 2003. Brothers fed conventional speakers whose design was led by giant companies decided to produce products to be seen as a work of art and hear according to - the company took this statement seriously.



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

Appearance

Company Everything But The Box offers wares under five pairs of loudspeakers, when today we concentrate on the Terra LA model. This model is the shelves, located just below the most prestigious model of the company, the Terra II distinct from a number of differences as Drivers of TB speakers (the Terra II uses drivers from Israeli morale), terminals of Cliff vs. Supra more extensive finishing options.



As you can see the Terra LA with exceptional finish an unusual structure. House Huofr may cast aluminum round shape. Those who do not know, a round box is the most optimal shape for speakers boxes because it is free of problems such as acoustic waves are internal or structure problems. In addition, the choice of metal for the box is not random, regular boxes of speakers should be helped Dupont materials internal to quiet the box prevent it from "playing" with the drivers, it contributes to a larger box because the volume of materials that Dupont is not always best. When the box made of metal and cast in a round, you can skimp and get a Dupont material smaller box with the same performance even better than writing a traditional manner. The front panel front Terra LA wood when he placed Twitter, immediately Whopper bottom port.

According to the manufacturer, it does not offer drivers Grill because it might harm the outer hearing the result - I tend to agree with him at this point and probably you, then we remove the Hgrilim when we in the critical listening or just for taking photos of the system and because the speakers are always visible better than no standard.

Halacha used box from the vehicle asked an assistant to look perfect and spotless except the box. Box itself is covered in decorative metal to - steel with delicate lettering, Dupont port with an internal leather, spikes and all the decorations were cut on CNC Polishing moved manually. I could go on here a few more pages spent on finishing done on Terra LA, but I guess you got the idea already. Company Everything But The Box was not spared here on the finish and we got here which is definitely a speaker works of art and pleasure to behold.



Technical Data

- Operating frequency 69-25KHz \pm 3db
- Nominal impedance 4Ohms

- Sensitivity 86db 1W/1M
- Twitter silk size "1
- Whopper shielding size "4
- Dimensions (HxWxD) inches: 38x19x29
- Weight 6.8Kg

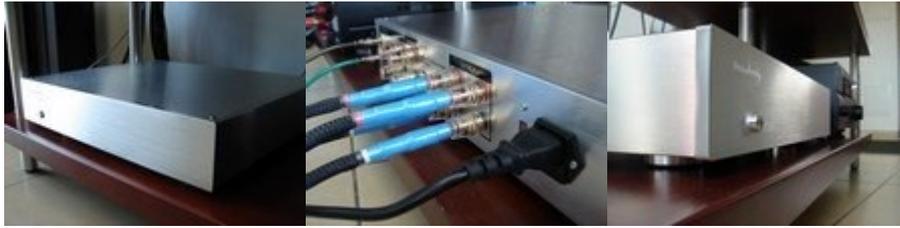
Configuration

Height listening space (where more beautiful living room) is about 2.8m, the speakers were located on one side of the living room 4m wide. Distance this side opposite to the side is 3.5m. Another side of the living room which has a large window facing the balcony and side two open kitchen doorway of the apartment. Listening space untreated acoustic, but with a thick carpet that covers an area of 2x2m just against the speakers. The space also share a large leather sofa 3 + 2, heavy wooden furniture and pictures on the wall. Although the acoustics but not like jazz a little dim, which sound fine, but one that accurately reflects the existing room acoustics Israeli common types.

Critical listening speakers took place at a distance of 2m when the speaker is a bit on Toe-in according to the manufacturer's recommendation. The distance between the speakers was 2m Umrhakm back wall was 0.5m

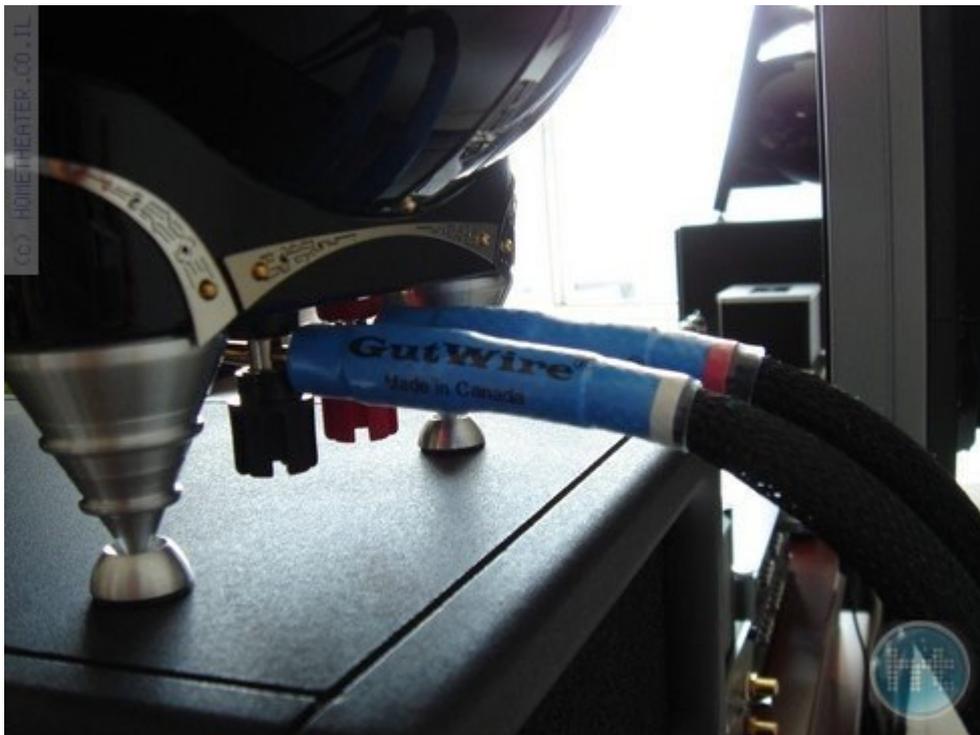


The sensitivity is 86db/1W/1M Terra LA, so it is likely that they will benefit if Oioztmdo dedicated amplifier. Amplifier is chosen mission distinguished the [Burson Audio PP-160](#) from the high - Australian End. Stereo amplifier that has a output of 85W and 160W in 8Ohms on 4Ohms these data to know to prepare for action the Terra LA easily.



Speakers who Sodko cables between the amp speakers were GutWire Basic². This cable can from 207 separate conductors with polyethylene insulation materials Label Stock of braided copper. These cables, positive and negative signal completely separated by a pair of separate cables and the Crosstalk kept to a minimum does not exist, it allows the cable to the signal as exemplary with no interruptions.

The Terra LA innocent allow configuration of Bi-Wire (and probably rightly so with such DRIVERS small) so the connection was done routinely.



The GutWire Basic2 Terra connected to LA

All sources for exam composed of speakers in digital form cow, who was Receiver model RX-V1900 Yamaha's.

Review process took a period of one month over the loudspeakers used in everyday, starting from using them for normal TV viewing, watching shows set through using them for home theater by Blu-ray titles with Lossless soundtrack to listen to critical headline DVD-Audio or Audio CD.

Surveying

Although the environment is ideal for surveying the room dedicated to this, but this configuration generated measurements not reflect the common home salon performance, therefore measurements were typical living room of my house (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 are not predisposed toward Lane high, low or any combination in between. By playing Test Tones in the conventional frequency range from 20Hz to 20Khz measuring the relative volume at any point, we can get our hands on how to find objective performance of the speaker subjects. Since all the test sounds

are fed to the speaker amplitude consistent, each deviation from the expected graph, a deviation from the expected performance of the speaker and is a negative response in terms of desired outcome. GRAPH surveying management sees a straight line along the frequency axis in terms of height equal power.

Hardware

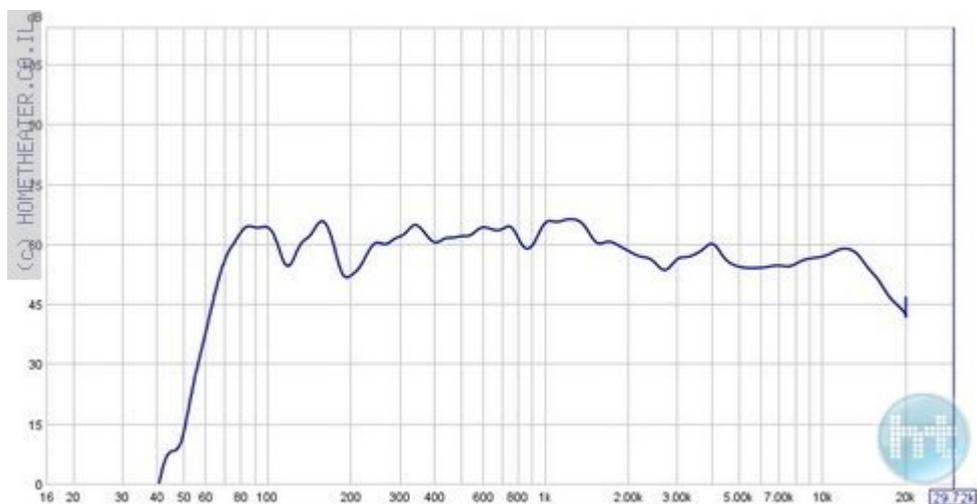
Measurements were made using a microphone and sample measurements [Behringer ECM8000](#), which was placed on the class floor. Microphone domain shows a wide linear response, with a texture absorption peripheral Omni Directional speakers ideal for surveying. Connect the microphone by the XLR connector to an external sound card for phantom power. Sound card manufactured by [M-AUDIO - Fast Track Pro](#). Sound card connected via optical cable Receiver Yamaha RX-V1900 for playback signal measurements. Sound speakers stereo amplifier was supposed Burson Audio PP-160.



The Behringer ECM8000 microphone operation

Software

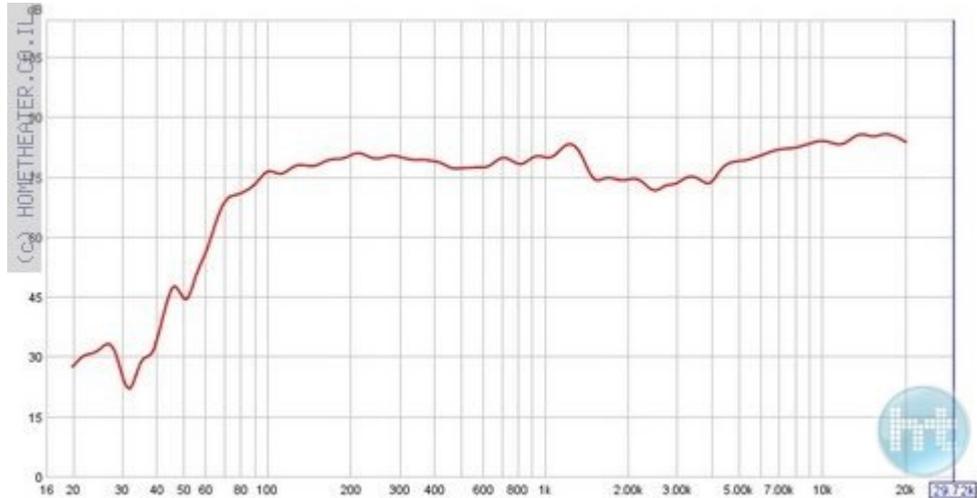
Generator is used in the Room EQ Wizard. Generator runs on Measurement Sweep from 20Hz to 20KHz and length of 1MB. Measurement itself was made in the same software that is Audio Spectrum Analyzer from graphical measurements were taken.



Measuring from the listening

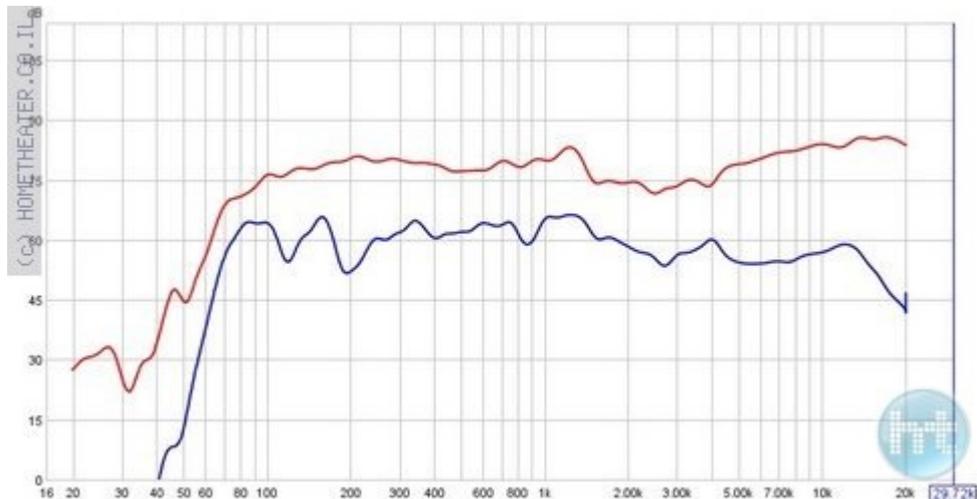
Start with the measurement of the speakers from the listening. First of all, it is surprising to see that the driver size of 4 can play below the 100Hz, but as you can see, he does it fairly low volume, over 60db distinguish between low frequency higher than the scale below, this is not something we want to see our speakers, But because the driver size is stated only on the size of 4, one can understand this. 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 next 8KHz until the end of the range measured.

To cancel as much as possible the effects of building acoustics of the room containing the various returns that affect many of the measurement results, we repeat the test at a distance of 1M.



Measuring the distance of 1M

At first glance you can see that the graph is now more moderate, has fewer deviations along the measured range due to the partial cancellation of building acoustics of the room. Gradual increase up to 100Hz also takes place here, but frequency 12200Hz, this time not see the gradual decline, but rather maintaining the volume and even slight increase.



Combining the two previous measurements for comparison easier together

Performance

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

Well, apparently I was wrong. This recording was just too big on the Terra LA. Despite the strong

amplification of the Burson Audio PP-160, driver size is still only "4 and a small piece sounded pretty great audio space. When the band enters to accompany Kissin, we should expect that speakers fill the room with sound waves, all of our listening space will be rich sounds which wrap us from all directions 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 the continued listening to speakers with such large pieces that would be an injustice so that we will require a slightly different music.

You tell me, when you look at the speakers, who show you they are?
Older people or young people? Audiophilim distinguished older or younger crowd? Probably like me you chose the last option. After we answered the question of target audience, what style of music do you think the audience can hear this kind, symphonies degrees of dust which played through a phonograph or perhaps pop music more modern light sources like iPod? It is likely that here too as I chose the last option.

So we light pop music? We light pop music (not just the bad sense).
Fergie with her album The Dutchess, comes to entertain our time. Those who do not know Mrs. Fergie, is the lead singer Black Eyed Peas album is her first solo album. The album combines many styles, from fireroom with track Mary Jane Shoes, hip - hop, soul 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 combines versatility certainly very colorful styles Hmoziklim.

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

Fergalicious sound rude absorption exactly as it should be. Ludacris Glamorous entertaining track sounds pretty groovy. The Terra LA were pretty quick dutifully showed their talent in this style. Identical performance recorded with pop disc Blackout by Britney Spears.

In conclusion of this chapter can safely say that the LA Terra good tune current pop music. Extensive musical works such as Concerto extract, operas or concerts that require volume do not match here would sound out of place.

Extra Chapter

The Terra LA size and structure of their orders and their use for computer monitors. Equipment for an external sound card that the computer model [on audio MODEL Tec 55 Single-Ended Integrated Amplifier](#). Product name quite long and you read it, you can already guess that it includes amplification (lamp in this case) and a built-in DAC. What you can not understand his name, that he was working in Class A, with amplification of the channel and uses 4.5W in a jeep of Burr-Brown PCM2702 with 8x Oversampling filter perform.

Incidentally, a sound card / amplifier that weighs 8.5 pounds and healthy.

Sound card / amplifier connected to the computer on USB, that we completely skip the sound card built into 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 starring 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 looks closely, but more important reason - this time speakers also sound better. Truth there is no logical reason for it, because that - Terra LA with driver of 4 only, using them as Near Field Monitors almost completely eliminates the disadvantage of size driver.

Composer Charles Aicovsky Remember symphonies works better than concertato compresses, but the Piano Concerto that is very easy to be impressed by how this work is one of the best of the Russian composer. Orchestra Kissin's solo ensemble playing together Torrey, when you need a burst of energy , Kissin pianist gently stepped back and let the band develop the music section aggressive. After the stage was built by the orchestra, moderation is reassuring herself Kissin entered the royal elegance with extensive control over the piano keys as if his fingers were. When Kissin need leveling through again, he stepped back a little and the orchestra takes the reins prevailed. So creation is repeated in a cyclic length of a little over 50 minutes wonders.

The Terra LA helping hearing each character, each key pressed or pedal piano. Their resolution and they are wonderful one successful election in terms of appearance in this case - the sound, go to Near Field Monitors.





Summary

The Terra LA are very special speakers are indeed not very sharp pencil pencil case for performance, but they manage to cover this disadvantage to some extent by the spectacular design. If you read deep into the review, the success already understand that they do not own speakers for serious Haodiophil which sits once a month with friends and listen to adults too seriously since the 60 symphonies' gramophone confident that everything about digital look is individual, but speakers who are Young audience, fashionable and sophisticated, audience that the first priority there appearance, pleasing grace.

EBTB company also failed to offer Wall offers status matches speakers which makes them a real piece of art. That and the fact that you can choose the finish of the speakers list is endless color finishes, making them one pair of speakers ideals for living room or home computer station.

The company is Everything But The Box missions variety of countries, far from Maotriih, through Greece, Spain, Iceland and many. Israel innocent of these days a local representation, but according to their performance and appearance speakers (especially by the last), have to believe that the current situation is not to remain so for long.

No wife or girlfriend sensual lover who refuses to place the Terra LA home living room, your friends at Inatzo When they come to visit them and be sure you hold Mikrofiibr handy cloth to polish them in front of everybody. If you consider yourself as those who think outside the box and tossed with a lack in terms of brands, Terra and may LA are your next pair of speakers.

Recommended retail price: 1398 euros.

Further discussion on 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