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## Trends TA-10.2 - The magic box



HFVN - During the Lunar New Year on armor, I get a tiny gift boxes from friends with a passion audio.

When feeling tired in the installation and adjustment of audio system cumbersome and difficult and picky room listening perspective, many people may think these devices will be compact, high

efficiency. That was the philosophy of manufacturing products of Trends. With size less than two packs of cigarettes stacked, at first glance sound amplifier TA-10.2, many people feel this device for people ... like joking. Is TA-10.2 is merely a product of the Trends of humor!

### Gift FIRST YEAR



During the Lunar New Year on armor, I get a tiny gift boxes from friends with a passion audio. Do not know the items, while size gift box is only equivalent of two packs of cigarettes, I guess that contain some accessories to upgrade the staging machine can quickly and easily legs as shock absorbers for equipment the jack or a high-quality wiring.

But when opened, I was quite surprised to see a tiny box, which weighs several hundred grams. Without the words Trends - Innovative Audio Hifi printed on the box, I would certainly think that this is a DIY product he produced to you spontaneously to give me. But it turned out amplifier amplifies its Trends Audio Class T - electronics firms are relatively young age (established 2006) Class T amplifier produces Hong Kong.

Trends TA 10.2 amplifier of modest capacity (15W/kenh) with separate DC power supply. Thanks to digital technology by Tripath Class T Trends that can launch applications and product line Class T amplification with special technologies in circuit design and component selection, sound quality low cost high.

#### **Amplifiers use Class-T amplifiers exclusive Trends**

Class T circuits was first registered as a trademark of Tripath Technology in amplification applications. This is a circuit design improvement from Class D - digital amplifier, with the main features such as enhanced control scheme to create high performance and quality than analog audio signal higher. The control signals in Class T amplifier can be calculated using signal processing digital or analog signals.

Featuring amplified signal with digital circuitry, Class T amplifiers often do not appear the power factor, power transformer or capacitor size or accompanied by the bulky cooling system that instead of simple amplifier, a capacitor, or philosophy and pressure vessels. With Trends Audio, the company specializes in producing audio amplifiers for line capacity of small speakers or highly sensitive amplifier, pre-amplifier used for head-phone, design becomes a whole different set of products in the mass chassic incredibly small (approximately chieeschamburger small).

Applied Technology Class T, TA 10.2 is very high performance (up to 90%).

Thus, during operation, the amplifiers radiate very little heat. TA 10.2 is probably the



simplest integrated amplifier that I ever knew with a single signal line in the gold-plated pins, is compatible with all kinds of RCA wireless signal quality. One factor in the amplifier can be so small size is because the manufacturer has separated out power to limit interference between components and power amplifier components, which helps players easily upgrade source.

The kind of expensive devices, but is also equipped with TA 10.2 capacitors standards, ensuring sound source signal input as possible when going into the amplifier. Type convergence "Trends" MKP only application on the Trends Audio TA 10.2.

Modest size, but not the design of the TA 10.2 inferior quality with the amplifier circuit by the current overload protection, overload due to temperature was installed in the machine. Besides, the signal line to also be used as a road on which the TA 10.2 preampli can operate as a separate power amplifier, means for the upgrading of the pre amplifier.

In many audiophile, the "race" their equipment has been turned into "old computer" burn money with standing thinking: what's the money done for more money, more devices capable of performing persuasive. Of course, this philosophy is not wrong because the high-end equipment is often expensive to sound attractive, but not exactly. With the development of technology, manufacturers can build devices with limited cost, but for outstanding quality, not inferior sound equipment and close-end labels with more "standard" by making associations. One of its typical trend "cheap English goods, or" the Trends, where people have studied and improved Class D circuit as soon as it was born from the 1990s under the "reign" of Tripath. Freedom, manufacturing products of high technology at low cost that most ordinary consumers can afford.

### **FUN EXPERIENCE**

One of the recommendations of the Trends and some commentators sound ever made before, that the listener should take tranquilizers before ... listen to the product of Trends! This means that the sound that always brings Trends beyond the imagination of the listener, if only considering the type and cost.

TA 10.2 The installation is quite easy due to power supply automatically adjusts from 100V to 220V line that allows players to plug directly into any device without any power through the inverter. However, when fighting speaker wire, I have some small problems from relatively narrow section of the device. With the jack ports, if fitted normal direction, can not be tricked by the power button to close the source for the machine, forced to play the top (+) from top to bottom vertically. Conversely, the (-) do not match so the base of the TA 10.2 was too low. Thus, the two first (-) to connect two perpendicular from the slopes of the amplifier without affecting sound quality, but have little influence on aesthetics.

After a month of TA composition with 10.2 Celius Triangle 202 speakers have 92dB

sensitivity and a high first read AudioCD Settanta Analogue amplifiers have time to run out, I decided to take the time to evaluate equipment in a serious .

First impressions that we create for the listener 10.2 is clear and clean. Perhaps this is nothing surprising amplifier circuit amplifies the digital audio quality so often. English violinist Anne Sophie Mutter Carmen Fantasie on the album is quite smooth and sweet, even play with the system volume, but still no sharp or glare phenomena. However, warm, wood of the instrument is something I have not seen in the performance of the Trends. Sauk hi hear a classical version, I have a feeling of space is not large enough for TA 10.2 recreate realistic large orchestra with the epic genre. However, with solo, duo classical instruments, the reproduction of the air, the spirit of music is not the big challenge with this pretty little box.

At medium volume, speed and control capabilities of the TA 10.2 is quite good, even with the fast tempo music and a mixer is complicated as the Symphony No. 2 and No. 4 Sostakovic. However, when pushed to high volume, 10.2 TA inability to control which sound a bit troubled by the power amplifier is quite limited. This drawback can be overcome if coordinated with TA 10.2-sized pair of speakers on average, over 94dB sensitivity.

Central audio and high bandwidth is the strength of the equipment and bring in fresh sound. However, this amplifier is difficult to convince people like to hear deep bass, and powerful force. TA's bass is quite light and 2.10 are usually not deep down, but the ability to control reproduction and secondary deposits of amplifiers is quite good. With such sound characteristics, suitability for the TA 10.2 the light music category, or vocal solo air.

Perhaps, with the hard audiophile or possess complex systems and expensive, Trends TA 10.2 is just fun toys. But for those who wish to enjoy the gentle music in the modest space, the amplifier is not bad choices, especially with prices less than \$ 200.

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