

## CD-transport Perreaux eloquence CDt, power-DAC Perreaux eloquence 250i, review. Journal "AudioMagazin", № June 2010.

**CD-CDt transportation and power-DAC 2501, manufactured by Perreaux, demonstrate good "teamwork", which indicates the manufacturer's thoughtful work on the harmonization of the components to each other when they are able to mutually reinforce their own positive qualities.**

### Design

Power supply of transport is based on a toroidal transformer par little more than 20 VA. The drive uses the model L3831 slot-loading, produced by ASA, under the control of the processor Mediatek MT1389HE. Supported formats include CD and MDE. Strictly for the transmission obtained with disk digital signal to the DAC corresponds to a pair of DIT4192 from Burr-Brown. It is interesting that both the transport and power equipped, including output and input BNC connectors, respectively.



For the reception of digital signals in an amplifier is responsible AK4117, and available USB-in services RSM2903. Ability to disable the conversion of the received signal until the resolution of 24 kHz provides bit/192 SRC4193, and direct digital to analog conversion is assigned to RSM1792. In addition, a menu governed absolute polarity of the digital signal selects one of two types of filtering. It should be noted that the board also possible to install photo-nokorrektora.

Power supply amplifier is based on a massive toroidal transformer par just over a kilowatt, and a bank of capacitors with a total capacity of about fifty thousand uF. Volume is regulated through the resistive matrix PGA2320, and output stages found a total of 12 field-effect transistors. I would also like to allocate functionality to the amplifier, implemented through a multilevel menu from which there seems to be any settings, even including such exotic as the rate of change in volume when switching from one source to another, to say nothing about the stepwise customizable in terms of function temporarily mute sound. Watch with a timer for on / off - and then the surprise is less. Both devices are manufactured in New Zealand.

### Plays

Appearance and ergonomics of this kit can not be called mediocre. The special provision requires specially arranged and perception - or the appropriate capacity for it. The technique of this kind is something purely personal, that can cause and applauded, and cautious bewilderment - all will depend on personal preferences specifically taken home fans listening to music. Anyway, this looked through balanced position of the producer, because its technology has its "face".



Slot-loading applied in the transport and caused a series of associations with car head units, probably no worse and no better than other methods of installation disk into the machine. It is clear that the drive mechanism retracts the rollers only by the edges - and just wasting teoretiziruya, one can imagine any misunderstandings. Perhaps it's just too unusual for my, for the most part conservative views.

Characters on the display amplifier, the current value of the volume involved and the entrance, clearly visible from the listening position, but during the "travel" small stitches on the tab with the settings to fit close to the amplifier, and even in this position, start thinking about what would have been better slightly larger display, but the tabs themselves would be less. Yet for everyday use already configured the device does not have any decisive significance. Remote amplifier may take some time out to adjust to it, as to the reaction apparatus at his command, which, however, soon enough stops to attract attention.

Regular mode built-in amplifier DAC - is counting input to a value of 24-bit / 192 kHz filter and Sharp. The user can disable apsemping and choose another filter (Slow), this choice of the acceptable parameters of sound in TsAPe ends. Normal mode, the default one, and was tested at the beginning of testing.

"Bundle" Rerreaux immediately interested in a small volume levels. In this case, heard that as a mechanism of action is introduced tonokompensatsii - sound suddenly gets an impressive view, basically it feels confident display of low frequencies. Secured their support is the result of a soft and smooth playback, which is peaceful, can disperse nearly revived attention to certain parts of the frequency range and to dispel the thought of their existence. Unobtrusive and comfortable flow of musical material is preserved with increasing volume, which is somewhere in the middle values are no longer makes sense

described above, a slight rise in the bass. Venture to suggest that there is not so often encountered case, when a manufacturer gives us some kind of care, and their amplifying equipment - "understanding" that at low levels for an adequate and subjectively smooth display tone scale linear features - not the best way they will fit only at normal levels.

Sound at normal volume has an attractive roundness and smoothness of a leisurely, behind which sometimes be guessed reduced attack speed fast and short-lived music - as in an explosion-like bursts, giving the designation of dynamic contrasts. This is also true for monotonic (eg, rhythmic) music when the fact of birth of a single sound is described in a little more than it normally is, period. Described property has little effect on the transfer of mood, energy, and proper maintenance, which are separate ideas, drop-down on the general outline of musical canvases. Fused and a little clumsy sounding, lacking aggressiveness and shadows, quietly, but clearly draws the texture of each zvukovysotnogo register. Verified share of definition, which is not inclined to deliberate exaggeration, can quite accurately give to feel three-dimensional display of the field (including the expense of depth resolution notice), as well as separately existing audio phantoms localized quite stable.

Connected to digital input amplifier Perreux transport mechanism controlling the player quickly made it clear that the original combination had more advantages and opportunities. This is mainly affected by the appearance of a new sound, a certain bleakness plaque (in particular low note, losing its true purpose, could be perceived surly and not supporting). Increased clarity of attacks, as well as the value of the air, as an undoubted boon, at least at first glance, was also accompanied by a positive start and a decrease even in frankly cheerful compositions.

Making sure that third-party transportation is too alien, we returned to the tested set, decided to try disabling apsemplinga. The result was significant: in general the sound has become more specific (more focused and precise), and the echo reduced. Along with this has become more clear acoustic conditions, simulated sound engineers. One of the songs, having tried before, now gave a clear idea of what it is exactly in the studio and not in the space of uncertain, but still small in size. The sound can sometimes seem rather tartly, less intricate, but, nevertheless, be more realistic, while the music is more recognizable and easy to understand. This is partly explained by the fact that the instruments soloing parties tend to approach the foreground or provided for therein. Continuous in this variant showed that the reverse side it could be a decrease in overall comfort perception.

Apsemplung as in the case of discussion of this technique is a kind of decoration, and this "mummification" seems to be - not an option that was added for the sake of growth of consumer characteristics and the required processing procedure, an ulterior motive on the list was established plants. And if some thought, how attractive can be a function of increasing the involvement of bits and sampling frequency, there are various pros and cons, what about the choice of filters, the situation has turned more specific. Slow version may sound a little bit smooth jibe with low processing parameters, making it more friendly and euphonious, but it leaves the accuracy of CDC, who now gravitate to the center of the panorama, and the interaction of musical phrases intertwined with fussiness and promiscuity. Therefore, initially recommended filter Sharp seemed more attractive for "bundles" Reggeaih as part of our path, providing and rhythm, and precision, and expressiveness.

### **Output**

CD-CDt transportation and power-DAC 2501, manufactured by Perreux, demonstrate good "teamwork", which indicates the manufacturer's thoughtful work on the harmonization of the components to each other when they are able to mutually reinforce their own positive qualities. Available in the arsenal of the variation of digital sound processing can within certain limits, to adapt the sound with the personal preferences of the owner, thus completing the final configuration of the system. The sound of this set will satisfy fans of different musical directions.

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