Allnic ZL Technology ZL-5000 Power Cable

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Last puzzle in the Olnick cable lineup

Comparing and watching power cables is always exciting. This is because the sound changes when you change the power cable to the source device, amplifier, or power strip while the audio system is fixed is unexpectedly loud. Did you change a power cable that was only 1.5 meters long? You are wrong to send this suspicious eye. The power cable ZL-5000 of Korean audio producer Allnic is the obvious addition.

I confess that I've been using Olnick's ZL-3000 for over a year with the main power cable connected to my home power strip. I listened to it for review, but I couldn't settle it. It's hidden behind the rack, so it's a

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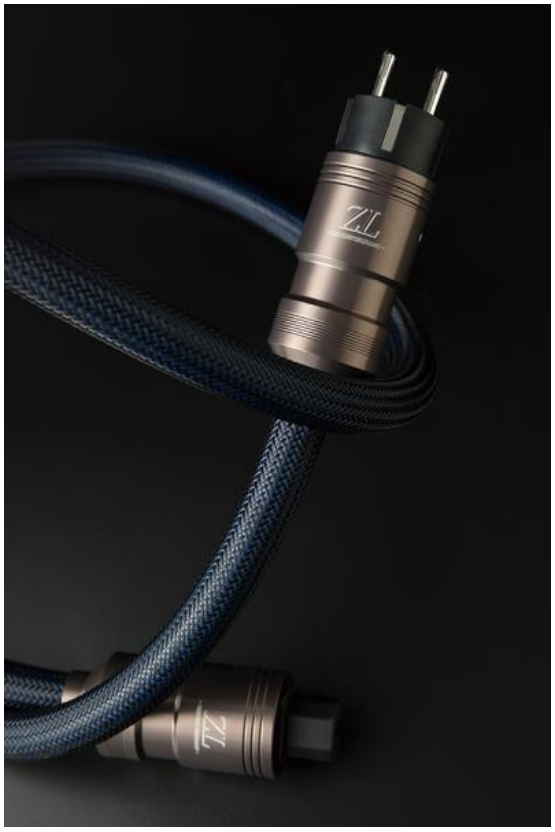
good day to see your face a year. The amazing changes in hearing sentiment that the ZL-3000 delivered, such as the noise disappearing, the background quieting and the dynamics rising, were amazing.

The ZL-5000 is an advanced model of the ZL-3000 and recently released. ZL stands for Zero-Loss Technology, a technology that Olnick, famous for its tube amplifiers, has put into cable production. That means zero loss of any signal or high current through the cable. All Nick's cables with ZL Technology are currently equipped with two types of power cables: interconnectors (Mu-7R RCA, XLR), speaker cables (ZL-3000, ZL-5000), and digital cables (Mu-7R Coax, AES / EBU). And ten phono cables (Mu-7R Phono). Personally, the ZL-5000 power cable seems to have finally completed Olnick's Kirasung cable lineup.



Design of ZL-5000

At first glance, the ZL-5000 has a new look compared to the ZL-3000. The length is the same at 1.8m, but the cable diameter has increased from 14.5mm to 19mm and the duralumin housing is thicker and longer. Directly measured with a caliper, the plug side housing increased from 8.2 cm to 10.6 cm and the IEC side housing increased from 7.1 cm to 9.0 cm. The thicker wire rods are designed for high current transmission, while the thicker and longer housings are designed for stability. The shielding copper wire that wrapped the ZL-3000's burgundy sheath disappeared in the ZL-5000, and the color of the sheath turned dark blue.

But again, the world is not everything to see. Every time I listened to the Olnick cable, the ZL technology's groundbreaking technology, like Columbus's egg, was reflected in the ZL-5000. It is Olnick's design to reduce the three resistances (contact resistance, connection resistance, and conductor resistance) of the audio cable. Moreover, it is necessary to draw more current (3.2A for 1000W amplifiers) compared to the inter cable (typically several tens of mA), and to minimize these three resistors as much as possible on power cables with low impedance values that cannot be measured. .

For example, consider only the impedance value of the power cable. Speaker cables typically have an impedance of 8 ohms and an inter cable of several tens of ohms, but power cables have extremely low impedance, which is only a few tens of thousands. This is because the impedance of electricity itself supplied by KEPCO is low. If the impedance is a little high, it means that there is a lot of loss, so the electricity cannot be sent far enough to each home. In short, the power cable has a high current and extremely low impedance called AC resistance, so the three resistances in the cable should be even lower.

The ZL-5000 first reduces the contact resistance of the outlet-cable AC plug (male) and the appliance inlet-cable IEC terminal (female) via a patent pending terminal. The beryllium copper AC plug has six split ends and high elastic rubber inside, to maximize the contact area between the plug and the outlet. In

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addition, beryllium copper was heat-treated (rhodium plating and cryogenic treatment) to maximize the repulsion of the terminal. The IEC terminal is not shaped like a regular clip, but rather is a box-shaped design for contact with the metal rods on the inlet end of the device on all four sides. The terminal also used titanium copper, which is the most elastic among metal materials.

In addition, ZL-5000 reduces connection resistance by making both terminals and internal wires into an object made by super high temperature welding of more than 1000 degrees.The conductor itself also uses a thicker and higher purity copper wire than ZL-3000 (4mm) to improve conductor resistance. Reduced. According to Park Kang-soo, the thickness of the wire itself is much thicker than that of ZL-3000, and the plating status for the primary shielding has also changed greatly, although it cannot be disclosed. The copper shield wire in the shell was sandwiched between the wire rod and the shell to provide a perfect double shield system.

City Hall

City Hall proceeded by hearing the power cable of the price similar to the ZL-5000 when it was plugged into a power strip (North QB4) (A) and when the ZL-5000 was plugged in (B). Multi-tap bites Olnick's preamplifier L-8000 DHT and Olnick's monoblock power amp M-5000 Titan. The source device (Opo BDP-105D, Olnick D-5000 DHT) is powered by another power strip, and the speakers mobilize Focal's Stellar Utopia EM.

Listening to Na Yoon's Arirang in the A state, the sense of space and the reverberation are moderate. It can't be said that it's very noisy, but it's not much to worry about. If the guitar notes are a bit thick, the contours of the notes are not sharp. Then, when I switched to ZL-5000, [redacted] reality of the instrument suddenly increased several times. The liquidity and expressiveness of vocal voices increased significantly. Feeling more smooth and soothing. I am thrilled to see the noise disappear. This hearing change seems to be worse than that of A and ZL-3000. The dynamic range is also wider, and the sound surface is smoother.

Among the firebirds of Pierre Bullez and the Chicago Symphony Orchestra heard on the ZL-5000, the dances of the Kasei flock and the Lullaby are more thick in brass and the punching force is stronger than in A. A If it was before meals, now I eat well and feel like I'm playing. It is also a neat and clean color as if the dust on the leaves was washed away after the rain. The footwork is also quite lively, so the notes don't stick to the floor or speaker unit, and they grow up all at once. The rise in dynamics also has a big change in sensation, so it feels like riding a light rail and riding a KTX. That's more surprising, not just running a spear but also controlling salary and strength.

Listening to Brown's Funk, played by three bassists, including Ray Brown, John Clayton, and Christian McBride, in A, there's nothing uncomfortable about realism, sound staging, imaging, and resilience. But the tip is a bit dull and unimpressed. Switched to ZL-5000. Suddenly there is an edge on the note, and the

fluttering motion is like a live fish. The noise finally evaporated, leaving no drops. I see it. A was dead and is now live. A is static and is now dynamic. A was powdered juice and is now fresh fruit juice.

General comment

If you continue to listen to the 'Hopak' dance song from the Minnesota orchestra's opera Maze, you'll be sure to hear a clear background and clear sound. The very scent that comes from the white diaper after the wash comes out of the ZL-5000. There were a lot of missing sounds, and the dynamic range grew like a rubber band. The frustrating A power cable is unfortunate. I haven't tried one-on-one with the ZL-3000 I'm using at home, but it's clear that quietness, sharpness and dynamic range have improved. For audiophiles who are thirsty for their expensive audio system, and for power cable utility marginists. The ZL-5000 will speak directly.

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