



Premier Grand Prix winner!

Exploring the appealing sound quality of Wireworld Series 7

The reason for the unprecedented award to a whole brand is 'beautifully unified tone'

The American high-end cable brand Wireworld has changed models across the board to celebrate the 20-year anniversary of the company. For Series 7, the whole line of cables was upgraded. This Series 7 admirably won the highest honor of this year in the Grand Prix of the 'Audio Accessories Excellence Award 2014'. This first top award to an entire series of cables, rather than an individual cable, is the result of their 'beautifully unified tone'. Now in response to this grand prize, each critic, including Mr. Chitake Inoue, talks about the charm of the Series 7 cables.



Text by
井上千岳
Chitake Inoue

The DNA helix design expands the electromagnetic energy path to improve accuracy

The cable line-up of Wireworld has been upgraded all at once, with over 20 new models of interconnects, digital and speaker cables. This is a major undertaking. Since they all received the same refinements, I would first like to describe the overall picture.

The current Wireworld DNA helix structure, introduced with Series 6, is conceptually similar to the previous dual-coax on a flat terrain, and so the design continuity makes sense. The number of strands placed side-by-side within each conductor varies according to the grade level, but the basic configuration is consistent. The number of layered conductors also changes according to the cable grade, starting with two and with most models having four. The conductors are layered in the pattern of minus/plus/plus/minus and twisted together into a stable perfectly square shape.



Interconnects

Platinum Eclipse 7

conductor: OCC Solid Silver 17AWG with 48 strands

Gold Eclipse 7

conductor: Solid Silver 19AWG with 48 strands

Silver Eclipse 7

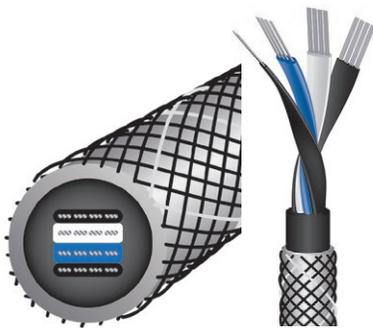
conductor: OCC Silver-Clad Copper 19AWG with 48 strands

Eclipse 7

conductor: OCC Copper 19AWG with 48 strands

Equinox 7

conductor: OCC Copper 21AWG with 40 strands



The structural diagrams of the design utilized from Oasis to Platinum, showing the DNA Helix conductor geometry.

Another object of this structure is to avoid deformation of the core caused by bending during installation. When round cables are bent, the inner core is stretched along the outside of the bend and the core is deformed by this, so accuracy is deteriorated. It may seem a trivial thing, but this structural accuracy can be even more important than the types of materials used in a cable. Where this deformation occurs, inductance and impedance changes the electrical properties of cables that would otherwise be excellent designs.

The DNA Helix conductor geometry is so completely parallel that the structure stays symmetrical when it is bent, so there is no loss of accuracy.

Another advantage of the DNA Helix is the expansion of the electromagnetic energy pathways that carry the signal. The explanation is omitted here because it is too complicated, but that is the reason the flagship models have the highest number of strands.

The noise-reducing transmission characteristics of the new insulation 'Composilex 2'

Series 7 also features Wireworld's special new insulation material called Composilex 2. This composite provides lower noise than other materials, including DuPont Teflon. It works by reducing static electricity from friction and signal interaction, improving transmission performance with lower noise. The speaker cables feature an innovative new terminal system that makes it easy to change from spades to banana plugs with minimal loss.

A fascinating Series 7 quality is the feeling of speed and phase coherence that enhances image focus.

Series 7 includes three genres, digital / interconnect / speaker, but what deserves special mention is that the tone quality is unified to a wonderful degree. All types, from basic models to the top-level model, produce the very same sound. The main difference between the models is the amount of information you hear.

Instead of the normal coaxial structure, the 75-ohm digital cables are also DNA Helix designs, so their characteristic impedance should be exceptionally accurate. The benefits in sound quality are clear, with impressive definition, extremely flat response and instantaneous high-speed. There is no feeling of digital strain and their tone quality is neutral. The speaker cables and interconnects are also as described above. They sound very fast with uniform response that just feels right. Imaging is focused and space is portrayed most naturally.

Speaker Cables



Platinum Eclipse 7

conductor: OCC Solid Silver 9AWG with 144 strands

Gold Eclipse 7

conductor: Solid Silver 11AWG with 96 strands

Silver Eclipse 7

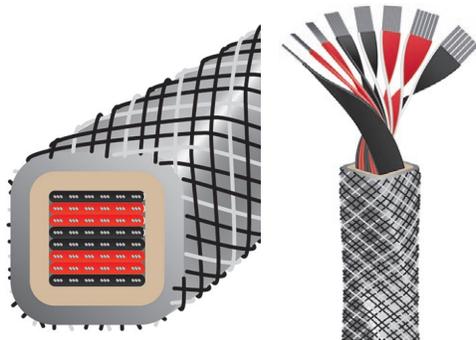
conductor: OCC Silver-Clad Copper 10AWG with 96 strands

Eclipse 7

conductor: OCC Copper 10AWG with 96 strands

Equinox 7

conductor: OCC Copper 12AWG with 72 strands



The speaker cables from Platinum down to Eclipse have eight conductors, and the lower models have four.



The Speaker cables normally come with spades, which can easily be unscrewed and changed to banana plugs. The higher models have silver-clad OFC connectors and the lower models are gold/silver-plated OFC.



Six "Platinum Eclipse7" "Gold Eclipse7" "Silver Eclipse7" "Eclipse7" "Equinox7" and "Oasis 7" lineup. Terminal choice of Banana and Spade

Perfection of realism with spreading afterglow and fineness of texture that goes beyond liquidity

Clarity of outlines in Oasis and Solstice is outstanding and there is no imaging confusion in chamber music and piano. Orchestral music is also clearly delineated. Weight and texture are added to the inside of the outline by the intermediate models such as Equinox, so the voices of the orchestra and piano become richer. Bass and jazz vocal expression also become more lifelike.

With the high-end model Silver Eclipse and above, precise detail is applied to the presentation. Their spreading afterglow and fineness of texture goes beyond liquidity. The sound of the finest, I say, perfection of realism that is really complete.

Digital Cables

Gold Starlight 7

conductor: OCC Solid Silver 26AWG
* OCC silver-clad copper shield

Silver Starlight 7

conductor: OCC Silver-Clad Copper 26AWG
* OCC silver-clad copper shield

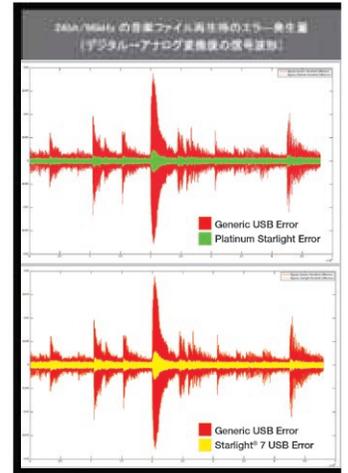
Starlight 7

conductor: OCC Silver-Clad Copper 26AWG
* oxygen-free copper shield

Supernova 7

(TOS - TOS) or (3.5mm - TOS)
conductor: 338 Borosilicate glass
fibers of a select grade
(Lens micro polished to a mirror finish)

These graphs compare the waveform fidelity of Wireworld cables to standard designs



Critics Discuss the Charm of Wireworld Series 7



福田雅光
Masamitsu Fukuda

Wireworld's charming full model change provides very high resolution and contrast. The DNA Helix structure is inherited and refined, but the new insulation material, Composilex 2, is featured. The total number of cables is difficult to cover, so I will discuss several impressive products. The Gold Eclipse 7 XLR cable has high transparency and resolving power. The Platinum Eclipse 7 XLR excels at reproducing powerful outlines with high resolution and damping that suits jazz especially well. The Gold Eclipse 7 speaker cable is characterized by transparency and excellent resolving power, while contrast is high and firm. Of the highest level is Platinum Eclipse 7, expressive in high resolution Katsuki keynote, highly contrasted and controlled in the low frequency range. Playing them 24 hours or more can further increase their sonic purity.



林 正儀
Masanori Hayashi

A remarkable 20 years of award winning is a testament to Wireworld quality. Then Wireworld switched its products to Series 7, improving performance by perfecting the DNA Helix structure that appeared in Series 6 and with a new material that increased the insulating accuracy. With Composilex 2, I experienced a deep sense of speed and dynamics that even surpassed Teflon. Even after listening to the main product line, from digital cable to the speaker cable, it is surprising to witness such remarkable improvements from basic models like Oasis and Equinox. And the flagship Platinum models brilliant perfection with heightened expressive power and refinement is simply stunning. The power cords have also been upgraded to Series 7.



小林 貢
Mitsugu Kobayashi

Series 7 is an overall model change for Wireworld, known for creating high-performance accurate sounding cable playback in the past and now celebrating its 20-year anniversary. Its products were originally a double coaxial structure and began changing to DNA (Delineated Neutralizing Array) designs during recent years. This patented cable structure has parallel strands grouped within flat conductors that are layered in hot/cold patterns and spirally twisted together. The DNA structure overcomes the issue of uneven conductor length and inaccurate transmission caused by flexion in previous designs. Series 7 inherited this design, but now the earlier Composilex insulation was upgraded to Composilex 2 for a significant performance improvement. I have realized that playback can now have lifelike S/N ratio and the amount of information I can hear has grown more than ever before the improvements made by Series 7.