

AudioQuest Victoria



Over 50,000 people have bungee jumped off the Victoria Falls Bridge, thrilling to a drop of 111 metres (364 ft) in front of spectacular Victoria Falls. The bridge crosses the Zambezi River, which is the border between Zimbabwe and Zambia in South-Eastern Africa. While neither the highest nor widest falls in the world, Victoria Falls is the largest sheet of falling water in the world with a width of 1,708 metres (5,604 ft) and height of 108 metres (354 ft).

SOLID PERFECT-SURFACE COPPER+ (PSC+) CONDUCTORS:

Perfect-Surface Copper+ has an astonishingly smooth and pure surface. Proprietary metal-processing technology protects the wire's surface at every stage of drawing and fabrication. When high-purity low-oxide copper is kept as soft, pure and smooth as possible, it becomes a wonderfully low-distortion PSC+ conductor. PSC+ is manufactured by applying the same exceptional technology to an ultra-pure copper. The resulting sound quality is even more focused and simply less in the way. For over 30 years AudioQuest has pioneered the use of superior metals; yet even we were surprised by the huge leap in performance made possible with Perfect-Surface Technology. PSC+ simply outperforms all previously available copper metals at any price. All of Victoria's conductors are solid. Electrical and magnetic interaction between strands in a conventional cable is the greatest source of distortion, often causing a somewhat dirty, harsh sound. Solid conductors are fundamental toward achieving Victoria's very clean sound.

POLYETHYLENE AIR-TUBE INSULATION:

Any solid material adjacent to a conductor is actually part of an imperfect circuit. Wire insulation and circuit board materials all absorb energy (loss). Some of this energy is stored and then released as distortion. All of Victoria's conductors use PE Air-Tube Insulation because air absorbs next to no energy, and Polyethylene is low-loss and has a benign distortion profile. PE Air-Tube Insulation causes much less of the out-of-focus effect common to other materials.

DIELECTRIC-BIAS SYSTEM (DBS, US Pat #s 7,126,055 & 7,872,195 B1):

All insulation slows down the signal on the conductor inside. When insulation is unbiased, it slows down parts of the signal differently, a big problem for very time-

sensitive multi-octave audio. AudioQuest's DBS creates a strong, stable electrostatic field which saturates and polarizes (organizes) the molecules of the insulation. This minimizes both energy storage in the insulation and the multiple nonlinear time-delays that occur. Sound appears from a surprisingly black background with unexpected detail and dynamic contrast. The DBS battery packs will last for years. A test button and LED allow for the occasional battery check.

CARBON-BASED 3-LAYER NOISE-DISSIPATION SYSTEM (NDS):

100% shield coverage is easy. Preventing captured RF Interference from modulating the equipment's ground reference requires AQ's Noise-Dissipation System. Metal and Carbon-Loaded synthetics prevent most RFI from reaching the equipment's ground plane.

ASYMMETRICAL DOUBLE-BALANCED GEOMETRY:

Purpose designed for single-ended applications, Asymmetrical Double-Balanced Geometry offers a relatively lower impedance on the ground for a richer, and more dynamic experience. While many single-ended cable designs use a single path for both the ground and the shield, Double-Balanced designs separate the two for cleaner, quieter performance.

COLD-WELDED DIRECT-SILVER PLATED PURE RED COPPER RCA PLUGS:

This plug design allows for a connection devoid of solder, which is a common source of distortion. Because the ground shells are stamped instead of machined, the metal can be chosen for low distortion instead of machinability. Red Copper offers a cleaner, clearer sound over nickel-plated or OFHC metals commonly found in competing manufacturers' plugs. Direct-Silver Plating offers one more important step toward greater clarity and doing no harm to the signal.