Raidho TD8 SUB & TD10 SUB

Raidho Acoustics raises the bar for subwoofer performance with the all-new **TD8 SUB** and **TD10 SUB**—the only subwoofers in the world to feature diamond-coated drivers. By combining underhung voice-coil motors, cavernous enclosures, and ultra-low-latency Class-D amplification with DSP tuning, these models deliver bass that is as precise and articulate as it is powerful.

Diamond-Coated Precision Drivers

Both the TD8 SUB and TD10 SUB utilize Raidho's proprietary Ceramix membranes finished with a 10 µm artificial diamond (DLC) layer. This unique coating elevates stiffness and damps resonances far beyond conventional materials, yielding exceptionally clean, distortion-free output. This is especially useful under heavy loads or a crossover frequency that is relatively high.

Underhung Voice-Coil Motor & Large Cabinet Design

Our underhung motor architecture provides ultra-linear bass response and flawless transient control—without resorting to extreme excursion. Rather than force drivers outside their mechanical comfort zone with heavy DSP, we place them in optimally sized enclosures that let them move naturally. The result is tight, authoritative bass articulation typically unheard of in subwoofers.

Passive Radiator Enhancement

Each model pairs active drivers with precision-tuned passive radiators—2 × 10" on the TD8 SUB and 4 × 10" on the TD10 SUB—to extend low-frequency output without the turbulence or port noise of traditional bass-reflex designs. This approach improves efficiency, smooths group delay, and delivers deeper, more effortless extension, all while preserving the speed and control of the active drivers.

Hypex Ncore Class-D Amplification with DSP

For the first time in a high-end subwoofer, we've integrated a PC-controlled DSP engine directly into our amplifier module without sacrificing latency. The 500 W Hypex Ncore amplifier features a mere 3–4 ms delay—comparable to a pure analog design—allowing you to sculpt precise crossover points, EQ curves, and phase alignments in real time.

Hand-Crafted Luxury Cabinets

Each TD8 SUB and TD10 SUB cabinet is built from carefully selected walnut burl veneer—a luxury wood with extremely limited yield. The burl "flower" patterns are matched and joined by hand, then bonded to a multi-layer substrate. Every surface receives eight rounds of meticulous sanding and sixteen layers of high-gloss lacquer, creating a flawless, mirror-smooth finish. Throughout assembly, each veneer panel is tracked with a unique serial number to ensure perfect left-right pairing and absolute consistency.

"By marrying our diamond-coated, underhung drivers with low-latency DSP and purpose-built enclosures, we've created subwoofers that are both musically refined and brutally effective," says Morten Kim Nielsen of Raidho. *"The TD8 SUB and TD10 SUB set a new standard for what bass should be: precise, tuneful, and utterly seamless with any system."*

Both models are available from September 2025 through authorized Raidho Acoustics dealers. Visit www.raidho-acoustics.com or contact your local representative to schedule a demonstration.



TD8 SUB HIGHLIGHTS

2 × 8" active diamond-coated Ceramix drivers
2 × 10" passive radiators
500 W Class-D Hypex Ncore amp with 3–4 ms latency
PC-based DSP tuning (crossover, EQ, phase)
Analog high-level, RCA & XLR inputs
Maximum SPL: 118 dB
Bass Extension: 25 Hz +/- 3 dB
Stackable enclosure for tower configurations
Pricing: €17 000 (Black) / €19 000 (Walnut)
All specifications are yet to be finalized



TD10 SUB HIGHLIGHTS

2 × 10" active diamond-coated Ceramix drivers + 4 × 10" passive radiators
500 W Class-D Hypex Ncore amp with 3–4 ms latency
PC-based DSP tuning (crossover, EQ, phase)
Analog high-level, RCA & XLR inputs
Maximum SPL: 122 dB
Bass Extension: 20 Hz +/- 3 dB
Stackable enclosure for tower configurations
Pricing: €23 000 (Black) / €25 000 (Walnut)
All specifications are yet to be finalized

Raidho Acoustics

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