

Unity Audio 监听音箱

产品名称	Unity Audio 监听音箱
公司名称	北京麦田中旺数码科技有限公司
价格	1.00/1
规格参数	品牌:Unity Audio 型号:Unity Audio 1:1
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产品详情

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The next active professional monitor following on from the The Rock, is the new Boulder. This monitor shares some of the same interesting material and designs such as a Baltic Birch plywood cabinet and a Corian front baffle, but the Boulder uses a huge 30mm slab of Corian instead of The Rock's 12mm and has large radius edges to reduce reflection. Like The Rock, this new model will boost true fidelity, fast, accurate & detailed sound, but with significantly extended bass response and an even more detailed mid range and higher SPLs for larger rooms.

Two 180mm (7'') woofers are used (the same woofer model as in The Rock), increasing low frequency extension and achieving higher SPLs. Each woofer has a 0.2mm aluminium foil chemically bonded to a rigid pulp fibre cone. This reduces harmonic anomalies and permits +/-15mm of woofer travel producing accurate low bass frequencies. The use of aluminium bound to a pulp fibre cone insures that the woofer cone will remain symmetrical at all frequencies, producing a long life for the woofer element and full accuracy of the driver through its life. Something few other materials can claim.

A new dual coaxial midrange & tweeter is employed, which is another unique feature of The Boulder. This new unit is a unique combination of a flat aluminium honeycomb midrange ring radiator and a concentrically arranged folded ribbon tweeter. This design realizes the vision of an acoustic point source! This facilitates an optimized acoustic power response and results in a homogeneous and very wide sound dispersion angle which provides for a new kind of relaxed but very precise reproduction. The ultra lightweight honeycomb diaphragm provides a reduced stray magnetic field combined with a strong neodymium drive. The system is driven by a 78mm moving coil. High efficiency is achieved using coppered aluminium flat wire, edgewise-wound, on a ventilated capton bobbin. The resulting unit will deal with frequencies from 450Hz to 50kHz.

The amplifier is a bespoke design by Tim De Paravicini whose company, Esoteric Audio Research, is regarded as one of the world's best amplifier designers. Due to the modular design of The Rock amplifier, The Boulder uses the same

amplifier modules from The Rock, but it employs a total of four amplifier cards per cabinet, one for each woofer, one for the mid, and one for the tweeter. The design is a true discrete bi-polar low feedback amplifier with custom-wound transformers and dedicated LF, Mid, HF sections with overload/clip protection, which results in very fast, clean, and astoundingly accurate reproduction.

Features:

- Three-way active monitor
- 4 x bespoke true Class A/B 100W E.A.R. discrete amplifiers, one per driver
- Closed cabinet design
- 30mm Corian front baffle
- Coaxial 5" midrange and 50kHz folded ribbon tweeter
- 2 x 180mm (7") woofers
- 14.5" deep x 10" wide x 21.6" high
- 50.7 lbs each
- Balanced XLR input
- 18mm grey Baltic birch 9-ply plywood cabinet
- Brutally honest
- HF EQ Shelf @ 10kHz +/- 2.5dB
- Mid Cut/Boost +/- 2.5dB
- Frequency response 40Hz-30kHz +/- 1dB
- Frequency response 33Hz-38kHz +/- 3dB