



THE VOYD

The principal feature of the VOYD turntable is the design and use of a unique three motor drive system.

The purpose of this system is to overcome the dynamic instability incurred whilst playing a record. When the stylus is in the groove, the walls 'drive' the stylus depending on the modulation content. One of Newton's laws of motion states that for every action there is an equal and opposite reaction, and the implication of this for conventionally designed turntables is that the stylus acts as a brake on the rotating record. The degree of braking depends, in part, on the amplitude and frequency of the modulation in the groove. Low frequencies and large transients are the most difficult signals to get past the stylus.

When this type of modulation meets the stylus, the turntable motor continues to turn at a constant speed, but initially it is easier for the motor to pull the entire platter/subchassis/arm assembly towards itself than to pull the platter and record past the stylus. Later a point is reached where it is more difficult to pull against the restraint of the suspension springs than

it is to turn the platter and record, and then the signal is pulled past the stylus and the subchassis returns towards its rest position. This instability continues all the while the record is playing and makes it extremely difficult for the cartridge to retrieve accurately all of the information content of the groove walls - especially low level detail and the dynamic attack/sustain/decay envelope.

By using three motors the VOYD overcomes these problems. With the three motors deployed equally around the platter there is no tendency for the subchassis to be pulled away from its rest position, the platter always sees a constant drive whilst all the benefits of the suspended chassis are maintained. The inherent stability of this design shows on start up, in that the VOYD's subchassis remains stable whereas on most other subchassis designs the chassis rocks and twists as the motor unit experiences a sudden change in load.

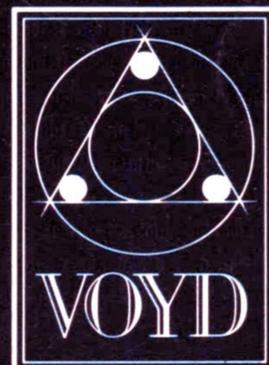
The low mass platter is machined from solid acrylic. This is used as any energy from the groove which cannot do work against the drive system/stylus will be

fed into the platter and will incite resonances there. High mass platters store and release this energy just as they store kinetic energy which gives them their fly-wheel effect. These resonances are audible no matter what material is used. The drive system which along with the three motors uses two drive belts in parallel provides the VOYD with an effective mass in excess of 75Kg which removes the need for a high mass platter to overcome dynamic wow problems.

The main bearing is an ultra high precision unit consisting of a precision CNC machined brass housing with two phosphor bronze inserts to provide the correct impedance to energy paths.

The chassis assembly is hung from three simple extension springs and is easily adjustable through the medite baseboard to allow for different tonearm/cartridge masses. The design ensures that further adjustments will not be necessary.

The plinths are all made from solid hardwood, with a unique and attractive curved profile and are hand finished to give a stunning appearance.



Designed and manufactured in England by Voyd Turntables Ltd.

"The Voyd offers especially good bass performance - tight and "tuneful" enough to be on a par with the best, in hi-fi terms, a "sound" that is clear, open, uncolored, and - dare I suggest - strikingly transparent. Depth reproduction is also excellent - and remains so across the width of the "stage," extreme sides as well as the center.

Well-recorded orchestral music shows off such strengths as well, with the Voyd creating a stage that's notably wide and deep, though never lacking in the accuracy of image placement within those bounds.

Exceptionally good stereo imaging performance is also a hall-mark of the Voyd "sound." In particular, the Voyd impresses the listener with its ability to produce well-defined images of voices and instruments between and around the speakers,

and to "anchor" these sounds in place with no tendency to waver.

I could continue citing such individual examples of excellent performance, but the bottom line is clear enough. The Voyd is a musically capable product, and I feel comfortable suggesting that it stands among a very small and select group of true high-fidelity turntables.

This is one of those rare devices that is genuinely capable of playing music - of allowing the listener to relax and become involved in recorded performances as emotional "intellectual" experiences quite unlike hi-fi, and much more like live listening experiences. I believe this is so because the Voyd, like those other good sources, is capable of accurately retrieving and portraying distinct musical sounds with good pitch accuracy and in proper

rhythmic proportion to one another.

Call this "playing the tune" or "letting the listener tap his foot" or whatever else you will; I simply think of it as playing music. With the Voyd, Guy Adams has earned a place among those few designers who not only have a true understanding of the record-playing process, but who also has the engineering know-how required to bring an exceptional turntable to market. This source, in other words, is more deserving of your attention than most.

The Voyd is a significant product - a record player that, while certainly expensive, is capable of communicating the inherent musical strengths of LP records, and is one of the best turntables I've had the pleasure of hearing."

SOUNDS LIKE USA JULY 1989

"The turntables produced exude quality. The carefully turned, real wood plinths set the tone for these decks which look as expensive as they are.

This deck gives a highly energetic, involving and powerful sound: snare drum has real attack, bass lines ebb and flow and musical performances always have a powerful sense of occasion.

Overall, I found listening to records

a profoundly enjoyable experience, using the Voyd. It doesn't impose itself by reminding you you're listening to hi-fi the whole time, but there was a hint of character in its performance.

The track *A Meeting with the Parabolist* from Mark Ishamm's *Castalia* showed up the effect most clearly. The intro comprises a thousand electronic percussion parts which build up into a three dimen-

sional soundstage of striking depth and height. No record deck I know reproduced this like The Voyd.

Anybody determined to find a way of extracting maximum enjoyment and involvement from their record collection should consider The Voyd. It's expensive, but it has a little something when it comes to record reproduction that puts it among the best handful of decks around."

NEW HI FI SOUND JULY 1989

"Quality of finish is nothing short of superb. All Voyd turntables look the part, with gorgeous sculpted wooden plinths available in a variety of tree options.

Never before has my system produced such lifelike, out-of-the-box images, and the placement and perspective of sounds with the soundstage were explicit and extremely vivid.

Aimed clearly at enthusiasts and music lovers who demand the best possible sound from vinyl records, The Voyd is a beautifully presented turntable which puts many British hi-fi products to shame. Not only is this a piece of furniture which you'd be proud to have in your home, but the sound it presents is first-rate too. And the upgrade options have pushed the performance onto a higher plane.

What's nice for existing Voyd owners is that Reference upgrades are retrof-

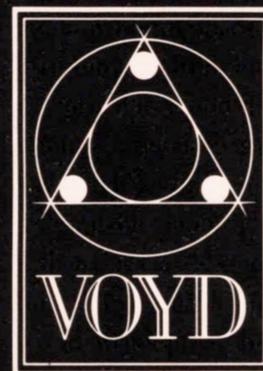
fitable. Also, enthusiasts may wish to start with a standard deck - perhaps with an inexpensive Rega arm and something like a Goldring Eroica cartridge - and then upgrade over the years to a deck which is not that far short of the full-blown Voyd Reference. It's good news for consumers because they're never left with an out of date product, and it's good marketing because it inspires strong brand loyalty from customers.

Turntable sound is a subjective business, and all magazine commentators have their favourite models. What is indisputable about The Voyd, however, is that it is clearly one of the finest turntables available anywhere in the world at any price. If the price ticket won't prove a stumbling block I strongly recommended you investigate further. Playing records on a turntable of this quality is a real treat."

Brief Specifications:

Speed accuracy	33.33 & 45rpm ± 0.1%
Stability	Better than 0.001%
Rumble	-80 db
Power consumption	45 watts
Dimensions	510 x 420 x 160
Weight	(19KgGross)

Finishes: Mahogany, Black ash & Light ash



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HI FI CHOICE JULY 1989.