

# Whatmough Impact Subwoofer

Tuesday, 04 November 2008 01:36 Graham Fetting

We would like to introduce you to one of the world's absolute best subwoofers! Yes, we acknowledge that's a very bold statement and we assure you it's not hype! In fact, Colin Whatmough is renowned for being a modest man – brash statements, half truths and hype are just not his style.



Which has to make you wonder, just how good is the new Impact subwoofer? What is it, that makes the Whatmough Impact so exceptionally good for it to be considered one of the absolute best subwoofers in the world?

At the core of the Whatmough Impact's stunning performance is the extensive use of Parametric Acoustic Modelling (PAM) that allows the Impact to achieve extremely low levels of distortion. As a result, the Impact is capable producing prodigious amounts of very clean tight and powerful bass.

Virtually all subwoofers suffer from compression as the volume increases (ie. bass extension reduces as the volume increases), the Impact does not compress at high levels. The Impact's full bass extension is available at all volume levels up to its maximum in excess of 115db at 1m.

Another important fact is that the Impact does not use Equalisation (EQ). While almost every subwoofer on the market needs EQ to achieve their bass extension, the Impact achieves this acoustically. Equalisation is similar to an amplifier's bass tone control turned up full or more. By not requiring EQ the Impact has greater output capability and a significantly tighter bass.

The 10" driver used in the Impact is both awesome and spectacular. It features an extremely long throw that is double that of mainstream subwoofer drivers allowing it to deliver high levels of bass that is incredibly clean, tight and controlled.

The Impulse features its own 200 watt Class A/B amplifier, which is a more expensive option to produce, but delivers huge acoustic advantages over the now common Class D amplifiers.

At the end of the day, it's not about the technology and specifications. It's the sound and the way it affects you. Even if you're a true audiophile, chances are you've never heard anything as good as the Whatmough Impact.

If you've dreamt of owning one of the world's absolute best subwoofers, the Whatmough Impact is more than ready to make it a reality for you.

*"....this 45kg sub makes 99% of other subwoofers look like they're faking. It delivers extraordinary performance. There's no electronic trickery, just good acoustic engineering design extending response down to, in our tests, a measured 22Hz. And utterly clean."*

–Sound & Image January 2007.