

ASN ENIGMA

Ī-nĭg'mə. *n*, *Something that baffles understanding, puzzling, inexplicable.*

ASN enigma uses extremely high-grade parts that are a rare sight in today's mobile audio industry. The choice of parts have been carefully selected to combine with the pre-determined drivers. Reactive components include Polypropylene capacitors, air core and litz inductors, and space-age resistors. The entire circuitry is hard-wired using 1.4mm copper tracks and potted for maximum inertia.



ENIGMA

ASN MASTERPIECE

mās'tər-pēs' , *n*, *An outstanding work of art or craft.*

ASN Masterpiece represents the best sound reproduction that is possible using ASN regardless of cost of parts being used.

A miracle that transcends time and space.



MASTERPIECE

TECHNOLOGY

ASN is a proprietary filter technology owned by Acoustic Technology. It is a serial based passive crossover with cascading reactive components in the shunt leg signal path. The circuit is supported by zobel and impedance networks to create a smooth impedance response and to damp out certain driver resonances. Ultra high precision db and damping possibilities for tweeter L-pad circuit with small steps in rare resistor values results in most minute steps of LR compensation capabilities.

The technical advantages of ASN as compared to other type of filters are:

- No phase distortion in summation
- Excellent damping at driver free air resonance below crossover
- Amplifier friendly – provides resistive load to amp

If drivers are pre-determined, below are the advantageous:

- Exact Q factors in filter can be chosen – high precision summation
- Infinite possibilities in roll off frequencies – more than the typical 1/3 octave found in even the most advanced active digital processors
- Exact “voicing” of speakers above the crossover frequencies as a result of proper combination of components