

Based in Sydney Australia, the Brigadiers are a formidable band of loudspeaker designers with over 150 years of experience, but with one simple focus, build a speakers that reproduce music in such a way that it transcends what one would typically expect is achievable “realism” “belief” “put the band in the room” the holy grail...

Design brief must haves

- Have a sense of scale that belies it's size
- Have a even response off axis (room friendly)
- Sonically disappear with no cabinet signature
- Accurate AKA natural
- Be involving, induce foot tapping by correct timing
- Hear deep into the recording not highlight individual aspects
- **Must not** hype treble searching for false detail



The Recipe

Like all great chefs the Brigadiers searched long and hard and tried everything before settling on the final design ingredients.

One of the most obvious aspects of any loudspeaker is the driver selection and in a search for the lowest possible distortion drive units are sourced from the **Scanspeak** family ,including the **Revelator** bass mid-range and **Ring radiator** tweeter.

After extensive experimentation with low and high order crossover configurations, a high order crossover was chosen allowing for steeper slopes keeping the drive units in “power band” and reducing out of band distortion, whilst this increases component cost dramatically the benefits are clear to hear..

Nothing is left to chance only the best components are used including **Solen capacitors** and even these are hand value trimmed and pair matched before being built in, Air Core inductors are supplied over wound and then custom trimmed to hit the desired value perfectly, this time consuming attention to detail ensures that every single MU2 provides the same extreme performance, this is not a production line speaker rather each speaker is meticulously hand crafted.

All of the above would be irrelevant without a great cabinet, the cabinet is fashioned from 25mm birch ply chosen for it's natural constrained layer damping properties (the material looses energy) the quietness of the cabinet can be heard as the fast decay to silence between notes, this make the MU2 naturally detailed allowing the listener to go thru layers of music rather than listening thru the noise. Micro vibration damping techniques are used and the drive unit—cabinet junction further reducing cabinet noise by some -6dB.

Now sit back and enjoy the music

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