

# CASE STUDY

Industry: HIFI SPEAKERS

Client: KEF / MUON



## MUON Hifi Speakers

A triumph of form marrying function, MUON by KEF is perhaps the most extraordinary loudspeaker ever conceived. The MUON is a truly remarkable feat of sound engineering and cutting-edge design, combining KEF's state-of-the-art acoustic technology with Ross Lovegrove's intuitive, creative approach. Ross Lovegrove is a world acclaimed artist best known for utilising the latest technology to create futuristic, organic forms. He has applied his style to everything from bicycles and bathroom sets to aircraft seats and concept cars.

## Fimark's Role

The MUON speakers retail at £180,000 a pair, and they are limited to an edition of 100 pairs. They are individually crafted, serialised and signed by Lovegrove himself. Fimark was approached by the British audio brand KEF to laser etch the signature, serial numbers and other key, functional information onto the back of these state-of-the-art speakers.

## The Challenge

These 2-meter-high speakers are fabricated from super-formed aluminium to create a shape devoid of sharp edges and are extremely stiff. The shape of the speaker is perfect for its purpose, but its compound curves, large size and mirrored polished surface make it very difficult to laser etch. Fortunately, Fimark houses a laser system large enough to accommodate objects as big as the MUON. By using the correct lens, laser parameters and optics, Fimark is able to achieve the field of focus large enough to accommodate the curvature of the surface.

## Why Fimark

Fimark's reputation as laser etching experts is underscored by our commitment to overcoming challenges. Our arsenal of state-of-the-art lasers, coupled with technological finesse, empowers clients to seamlessly navigate complex challenges.

"Fimark is a valuable partner in the production of the Muon. Quality is of upmost importance during the manufacturing process and Fimark has the ability to laser etch our speakers precisely with outstanding detail. They can easily handle the large size and unusual shape with turnaround times consistently within our tight deadlines."

KEF

Connect with our team today to bring  
your visions to life.

[www.fimark.co.uk](http://www.fimark.co.uk)  
[info@fimark.co.uk](mailto:info@fimark.co.uk)  
+44 (0) 1932 245 226