

World's Most Exclusive iPod Created on SolidScape Printer

"I wanted to make a spectacular piece that combined modern electronics and handcrafted jewellery. The iPod is an iconic design and I wanted a special connectivity with our name and with diamonds especially."

Thomas Heyerdahl, Heyerdahl Jewellery



In 2008 Thomas Heyerdahl created the world's most exclusive iPod, named the "iDiamond". The iDiamond was originally crafted as one unique and single piece of jewellery. It was auctioned away in for a charitable cause in London for £22,000., or approximately \$40,800. USD, in March 2008.

"The iPod is such an iconic design and I wanted a special connectivity with our name and with diamonds especially," according to Heyerdahl.



To produce his exquisite creation, Heyerdahl turned to Diaro Digital Design in the Netherlands.

"First I measured a "naked" iPod with a digital calliper set to a precise 0.01mm," states Robert de Brueijis of Diaro. He added: "Using Rhinoceros CAD software I then designed the exact shape of the iPod case, clip, buttons and shells of the earphones. After resizing the top thickness of the case to make it possible for setting diamonds, I then produced the parts on a SolidScape 3D wax printer."

"The result was amazing," according to de Brueijis. "Because of the high precision of the CAD drawing and SolidScape T66BT2®, everything fit's like the original." du Brueijis adds: "This 60 gram, 18 carat white and pink gold iPod Shuffle set with 430 diamonds played my MP3 files right away, it was a great job to do!"

Customer Profile

Heyerdahl Jewellery is one of Norway's leading jeweler designers, with three stores in Oslo, Norway.

Heyerdahl Jewellery
www.heyerdahl.no/eng

Diaro Digital Jewel Design specializes in jewellery CAD design, 3d printing of wax models, casting and finishing of custom jewellery pieces.

Diaro Digital Jewel Design
www.diaro.nl

SolidScape System

Printer: T66®BT2

Software: ModelWorks®

Materials:

- Indura®Cast - Build
- Indura®Fill - Support