

PRESS RELEASE

On behalf of: Carbolite Ltd

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OPTIMISING CONNECTIONS FOR ULTIMATE AUDIO EXPERIENCE

Naim Audio Ltd, one of the world's leading specialists in high-end hi-fi equipment with a portfolio of award-winning products, has installed a Carbolite GP oven to provide precisely controlled heat-treatment procedures on the cables used in its systems.

The cables are used to link amplifiers, pre-amps and speakers in systems that are regarded as the pinnacle of audio performance. Customers include Bentley Motors and some of the world's super-rich searching for the ultimate audio experience. The Statement amplification system launched in 2014 with a price tag over £100,000, in particular, has proved so popular that extra capacity was needed to process the associated cabling.

The Carbolite GP330B oven allows up to 60 metres of cable to be processed at a time in order to cure the insulation and make it more supple and durable. The procedure typically involves heating the oven at a pre-set rate, holding at temperature for several hours and then cooling to ambient. The controller fitted allows up to 20 segments to be pre-set as ramp, step or dwell and also enables operators to store the most frequently used programs.

Overall oven construction is designed to provide long-term durability in a production environment. The internal chamber is manufactured from polished 430-grade stainless steel and provides a powerful horizontal airflow to optimise temperature uniformity. Low-thermal-mass insulation minimises heat loss. To enable Naim to operate the oven from a 240V supply, Carbolite fitted lower-power elements than usual.

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For more information or images please contact

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IMAGE ATTACHED

Carbolite is the world's leading manufacturer of electrically heated furnaces and ovens. Based in the United Kingdom, the company exports units to over 100 countries where they are used in many markets including mining, electronics, ceramics, aerospace, materials science, metallurgy and pharmaceuticals.