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DN20.300T COMPLEMENTS PREMIUM HF PROPOSITION FROM LAVOCE

POTENZA PICENA, January 2024 – Lavoce Italiana, the transducer company with a heritage of over 35 years designing and manufacturing high performance HF and LF loudspeaker transducers, have announced the addition of DN20.300T, a new 2" throat neodymium magnet compression driver in their growing range of premium large format HF devices.

DN20.300T is a 2" throat version of their flagship 1.4" throat model with 3" voice coil, DN14.300T, and uses a uniquely optimized throat adaptor which has been carefully engineered to expand the exit to 2" with no degradation of performance and offers improved thermal dissipation from motor to horn by increasing the adaptor surface area in direct contact with the driver motor.

Like all LAVOCE compression drivers, the electroacoustic design of DN20.300T has been developed using advanced nonlinear and linear modelling techniques, which predict frequency response and 2nd harmonics distortion in physical prototypes and optimize phase plug channels and compression chamber design, to deliver low distortion devices with very linear and stable frequency trends to 20kHz.

DN20.300T offers a 220W Program power rating, 108.5dB sensitivity, an attractive 800Hz crossover point, and features a 3" edgewound copper-clad aluminium voice coil on a one-piece Titanium diaphragm and surround. Together with its patented Integral Input Surface phase plug topology which provides a smooth input surface on the phase plug to eradicate unwanted resonances in this critical high-pressure area, the DN20.300T will deliver a consistently impressive 2" throat performance.

Pierpaolo DeMinicis, Pro Audio Division Manager, says 'We are proud to say that over the last few years we have added five new high-performance neodymium 1.4" and 2" throat compression drivers to our range, made possible because our industry-leading HF modelling and development capability. All models offer exceptional performance characteristics and consistency, as already proven in our successful DN14.300T which positioned us as a serious player in this category, and for sure DN20.300T will continue this trend.'

For all enquiries please contact: sales@lavocespeakers.com

Visit LAVOCE ITALIANA at www.lavocespeakers.com

Lavoce Italiana designs and manufactures industry leading HF and LF transducers for global Professional Audio and MI manufacturers and distributors. Its Italian R&D Center is based in Potenza Picena, Macerata, and all products are manufactured at their wholly owned and modern production facility in Jiashan, China.
Innovators by tradition: www.lavocespeakers.com

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