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A COMPRESSION DRIVER TRILOGY FROM LAVOCE

POTENZA PICENA, December 2024 – Lavoce Italiana, the premium transducer company with a heritage of over 35 years designing and manufacturing high performance HF and LF loudspeaker components, are excited to be introducing three new HF compression driver models at NAMM and ISE 2025.

Following significant investment in the understanding of compression driver design and production efficiency optimization, the LAVOCE Research team have developed advanced 'nonlinear' modelling techniques allowing their R&D to predict the real-world frequency response and harmonic distortion of any design before building physical prototypes. This leads to significantly reduced development time and the continuous addition of versatile HF devices with low distortion and linear frequency responses to their range.

DF10.103M employs optimised annular diaphragm technology with a polyester diaphragm housed in a ferrite motor structure with a 1" exit and 1" edge-wound copper-clad aluminium voice coil. Due to the benefits of its annular diaphragm design DF10.103M offers a high 50W program power rating and 109dB sensitivity together with a low 1800Hz recommended crossover point and very low distortion for its size.

DN10.20 is a compact and high power 1" exit neodymium compression driver with a 2" edge-wound copper-clad aluminium voice coil and a 140W program power rating. A high temperature polymer dome material is used in an optimized diaphragm assembly and phase plug design, which delivers 108dB sensitivity and a low recommended crossover point of 1200Hz. Weighing just 1.15kg and having a diameter of just 92mm, DN10.20 exceeds all performance expectations for its form factor.

DF14.250T adds another flavour of 1.4" exit compression driver to LAVOCE's enviable range of large format devices and uses a ferrite motor structure featuring a 2.5" edge-wound copper-clad voice coil and titanium diaphragm and surround. It offers a 160W program power rating, 108dB sensitivity and a 1200Hz recommended crossover point. And as with all large format devices from LAVOCE it also employs their patented Integral Input Surface (IIS) phase plug topology, featuring a smooth input surface phase plug part that helps enhance consistency in production and in the field.

Kevin Shove, International Sales Director, adds 'Our Italian R&D team continue to research compression driver optimization and have added a wide range of impressive models over the last few years. This has helped grow our market share in this category as more and more customers realise the premium performance and value proposition we offer and exemplified in these three new drivers."

For all enquiries please contact: sales@lavocespeakers.com

Visit LAVOCE ITALIANA at www.lavocespeakers.com

The Lavoce Italiana brand was launched in 2012 and represents the pro audio division of Elettromedia Group, headquarters based in Potenza Picena, Italy. Today LAVOCE is the LF and HF speaker component category partner to many of the world's most recognised professional audio and MI brands, supported by a PhD infused R&D capability in Italy, a wholly owned manufacturing plant in Jiashan, China, and a sales and warehouse operation in the famed 'Music City' of Nashville, Tennessee.

Lavoce Italiana (Sales & Marketing)

Address: S. Regina Km 3.500, Marignano, 62018 Potenza Picena (MC), Italy
Contact: Kevin Shove
Mob: +44 (0)7809 902457
Email: kevin.shove@lavocespeakers.com