



PRESS INFORMATION FOR PROLIGHT+SOUND FRANKFURT

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Contact: Howard Chen – Managing Director
+66 (2) 441-6600 | info@paudiothailand.com
Mel Lambert – Media&Marketing
+1/818.558-3924 | mel.lambert@earthlink.net

P.Audio System to unveil comprehensive ranges of low-frequency loudspeaker transducers at Prolight+Sound Frankfurt

Provide different power handling levels, output capabilities and overall performance enhancements.

Frankfurt, Germany: P.Audio System is showcasing an impressive line of ultra-precision low-frequency driver at this year's **Musikmesse Prolight+Sound Frankfurt**, which opens here today and runs until March 15. P.Audio is also a leading supplier of OEM loudspeaker component solutions for a number of household-name brands, and will be exhibiting on **Booth J11 in Hall 4.1**. In addition to LF drivers, the company offers a comprehensive range of high-performance high-frequency component drivers and HF horns

The **Woofers Series** of LF drivers includes the *Flagship Series*, *Challenger Series II*, *SN Series II*, *AM Series*, *E Series II* and *IMF Series II*. "Each of the six families offers a range of products that provide different power handling levels, output capabilities and overall performance enhancements," considers P.Audio System managing director Howard Chen. "All products, in every family, benefit from the latest technology in high thermal capacity adhesive systems, cone and suspension technologies, and computer optimized parameters." P.Audio also offers a series of enclosure designs that are optimized for each loudspeaker model.

Woofers Series	Magnet Type	Chassis Type	Coil Diameter
Flag Ship Series	Neodymium	Cast Aluminum	4-inch (101.6 mm)
Challenger Series II	Ferrite	Cast Aluminum	4-inch (101.6 mm)
SN Series II	Neodymium	Cast Aluminum	3-inch (76.2 mm)
AM Series	Ferrite	Cast Aluminum	3-inch (76.2 mm)
E Series II	Ferrite	Stamped Steel	4-inch (101.6 mm)
IMF Series II	Ferrite	Stamped Steel	3-inch (76.2 mm)

Flagship Series features a Neodymium-based permanent magnet mounted to a rigid but lightweight die-cast, aluminum-alloy chassis, a combination that is said to make the system ideal for touring sound and portable low-frequency PA systems. Available units include the **FL-18LF** 18-inch low-frequency transducer designed for very high acoustic output between 40 Hz and 120 Hz in touring sub woofers, high impact PA subs and permanently installed flown LF enclosures; the **FL-18ELF** 18-inch extended LF sub driver for operation to 30 Hz; the **FL-15LF** very high output LF driver with wide bandwidth for the bass and lower mid-range sections in a two/three-way designs; the **FL-12LF** very high output 12-inch driver optimized for vocal clarity as well as full range response; and the **FL-12MB** 12-inch driver designed for very high output and low distortion response in both direct-radiator and horn-loaded mid bass designs.

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Challenger Series II provides different power handling levels, output capabilities and overall performance enhancements, and includes the **C-18LF** 18-inch driver designed to provide very high acoustic output from 40 to 120 Hz; the **C-18ELF** 18-inch extended LF/sub bass and subwoofer transducer; the **C-15LF** 15-inch transducer designed for use in two/ three-way designs; the **C-12LF** full-range 12-inch transducer with an operating bandwidth of 60 Hz to 2 kHz designed for use in two/three-way sound reinforcement and PA systems; and the **C-12MB** 12-inch driver for use with either a direct-radiator mid-driver or a horn-loaded mid-bass design.

SN Series II are compact and light-weight loudspeaker transducers, and include the **SN-10MB** 10-inch driver for portable systems or small enclosures; the **SN-18LF** 18-inch driver with a rated bandwidth of 40 Hz to 125 Hz for touring and fixed installation systems; the **SN-15LF** 15-inch driver for bass/vocal range within a two-way design; and the **SN-12MB** 12-inch transducer designed specifically for both direct-radiator and horn-loaded mid-bass applications.

AM Series represents high value for professional loudspeaker products, and includes the **AM-18LF** 18-inch LF transducer optimized for sub-bass and subwoofer applications in portable touring systems, mobile DJ and dance clubs; the **AM-15LF** 15-inch transducer designed for two/three-way sound reinforcement and PA systems; the **AM-12LF** and **AM-12MB** 12-inch drivers for use as the bass/mid section of a two-way system with a compression driver/horn combination.

E-Series II combines high acoustic output with high performance, and includes the **E-18LF** 18-inch subwoofer; the **E-18ELF** extended LF driver for ultra-low subwoofers; the **E-15LF** 15-inch driver for multi-way PA systems; the **E-12LF** 12-inch transducer for two-way designs with a compression driver/horn; and the **E-12MB** 12-inch driver for two-way systems.

IMF Series II is a versatile range of LF transducers, including the **IMF-18W** 18-inch subwoofer for dance-club, mobile DJ and portable systems; the **IMF-15LF** 15-inch and **IMF-12LF** plus **IMF-12MB** 12-inch drivers for two-way systems with a compression driver/horn.



Note to magazine editors and writers: High-resolution copies of this image in TIFF/JPEG formats are available upon request

P.Audio System is one of the world's leading manufacturers of professional audio loudspeaker components. The company designs and produces a complete range of low-frequency and high-frequency transducers to exacting standards of performance and reliability.

P.Audio's engineering and manufacturing facilities are truly world-class and its products are supplied to every region of the world. It supplies premium-quality OEM and P.Audio-branded products that cover the entire spectrum of profession applications and requirements.

P.Audio was established in 1991 and is located in Bangkok, Thailand. The company occupies a 60,000 square meter garden complex. Continuous growth has allowed P.Audio to build ultra modern research and development facilities at its corporate headquarters. The campus also contains a state-of-the-art manufacturing and processing operation, as well as a very large acoustic presentation hall.

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