Speakers con't

per-compact Eidos 6.5 pairs a 6.5 LF with a 1-inch driver and is intended for install applications; while the Eidos 12SP is a Class-D powered 12-inch, 2-way box with a 1.75-inch compression driver and a rotatable waveguide for horizontal or vertical use.

RCF (rcf.it) released V2.0 software for its proprietary RDNet protocol, which enables remote control and management of RCF products. New features in V2.0 include completely redesigned Offline and Online operating modes; revised mute management logic rules; improved RDNet protocol communication and error correction; Logic ID support for a faulty device tolerant network operation. RDNet can send and receive data via an XLR cable or Cat-5 cable and each RDNet-compatible device has its own built-in communication board, microcontroller and DSP, with the ability to store presets, receive commands and continuously send status information.

New Subwoofers

Amadeus (amadeusaudio.fr) released its ML 8 compact 8-inch subwoofer — the smallest member of the ML Series, which range from 8-inch to dual-18 models. Like the other ML Series subs, the ML 8 is also built around a proprietary internal reinforcement structure designed to neutralize standing waves and suppress energy loss caused by vibrations, resulting in a dramatic cut in cabinet coloration using a combination of interlocking panels arranged in two perpendicular planes. The ML 8 can pair perfectly with the company's new PMX 4 ultra-compact speaker, also released at PL+S.

VUE Audiotechnik (vueaudio.com) showed that big bass can come from compact enclosures. VUE's new hs-20 combines two 10-inch, long-excursion woofers, twin 500W amplifiers and Integrated DSP with SystemVUE network control/monitoring into a cabinet using its Active Compliance Management (ACM) design developed for it acclaimed hs-28 and hs-25 systems. The birch plywood box includes an integrated pole-mount for portable applications, and the grill features a candy-apple red finish over a black powder coat base for a distinctive look.

One Systems (onesystems.com) debuted the 118IM-Sub, an all-weather, copolymer-based subwoofer, an unpowered single-18 design in a 23 x 20.1 x 20.7-inch enclosure. It's also designed to be pole mounted for easy use in stadiums and amusement parks in conjunction with One Systems full-range weatherproof speak-

ers. All external rigging and suspension hardware, as well as the metal 3-layer "rain shield" grille are 304-grade stainless steel.

Eighteen Sound 18iD High Performance Subwoofer

Outline's (outline.it) DBS 18-2i subwoofer features the company's unique Decoupled Baffle Subwoofer design, which is designed to increase the structural integrity of the cabinet and also reduce resonance and air turbulence around the reflex ports. Designed for permanent installation applications that demand high-powered, integrated audio systems, its dual 18-inch, long-excursion woofers produce up to 141dB SPL peak @ 1m.

Eighteen Sound (eighteensound.com) showed its line of raw OEM and replacement speakers. And perhaps driving some of next year's subs at PL+S is its new 18iD High Performance Subwoofer. This 18-inch neodymium driver is designed for maximum power transfer when operated with Class-D and similar (iPal compatible) capable of delivering 2,600 watts (10,000 watt peak) of power.

Production Essentials

This year's Prolight+Sound may have emphasized new consoles and loudspeaker products, but there were other cool product debuts of note for the sound reinforcement pro.

Powersoft (powersoft-audio.com) kicked off the show by announcing its X-Series amplifiers. As detailed in the March, 2014 issue of *FRONT of HOUSE*, the X-Series consists of the X8 (eight amplifier channel in a 2U chassis) and the X4 with four channels in 1U — all with 5,200W/channel (@ 2 ohms). These offer an innovative system of channel routing, a universal mono/bi/three-phase balancing power supply and revolutionary fully-featured DSP. The X Series consists of two models. The X8 is the largest amplifier in the range, boasting eight channels in a 2U chassis, while the X4 features four channels in a single rack unit and AES3, analog and Dante inputs are supported.

AKG (akg.com) unveiled its DMSTetrad digital wireless microphone system, which features uncompressed audio transmission, 128-bit AES standard encryption and 24-bit/48k Hz audio coding. Onboard DSP includes HP filter, 3-band EQ and dbx compressor/limiter; transmitter choices include DPTTetrad bodypack and the DHTTetrad handheld available with D5, D7 or C5 capsules.

DPA (dspmicrophones.com) launched new gold and nickel grills for the company's award-winning d:facto handheld vocal mics. Additionally, the nickel option matches the finish available on the Sennheiser 2000, 5200 and 9000 wireless mics and comes with capsule and corresponding adapters. DPA also showed its d:vote 4099 Rock Touring Kits, as

DPA d:vote 4099 Rock Touring Kit

Powersoft X-Series

four- or 10-piece Peli case packages. The company has also released two similar Classic Touring Kits for classical musicians. The 10-piece kit has 10 d:vote mics, 10 adapters and 25 holders for different instruments adjusted to either rock or classic applications. The four-piece kit sports four d:vote microphones, four adapters and 10 holders.

GUIL's (guil.es) ULK 600 lifting tower for raising up to 660 pound loads to nearly 20 feet high. Great for a medium-size FOH rig, but what sets it apart is that it folds to just 64 inches. All ULK-series front-loading lifting towers feature the ASB System GUIL (Automatic Safety Bolt System), IPB System GUIL® (Internal Pendulum Brake System) and the over-dimensioned auto-brake winches.

More to Come

There was a lot more new product action at Musikmesse/Prolight+Sound 2014, and we'll provide more coverage in upcoming editions of *FRONT of HOUSE*.

Meanwhile, Musikmesse/PL+S returns next year from April 15 to 18, 2015, overlapping the 2015 NAB show exhibit dates (April 13 to 16), which may provide a interesting

conundrum for some audio industry jet setters. Perhaps someday, organizations may get together and coordinate their exhibit dates — but don't count on that happening

anytime soon.

For more info about Prolight+Sound, visit pls.messefrankfurt.com.

15th Annual MIPA Awards

For the 15th time, more than 100 magazines from all over the world voted for the best musical instruments and audio equipment of 2013/2014 in more than 40 categories of the MIPA (Musikmesse International Press Award).

New for this year was a change of some of the MIPA categories into the "PIPA" (Prolight+Sound International Press Awards), reflecting the growth of the PL+S show and the assumption that items like large line arrays don't quite fit into a "musical instrument" genre.

One of the highlights at the 2014 fete was the presentation of a Lifetime Achievement Award to Pasquale Quadri of lighting manufacturer Clay Paky.In all, more than 300 international representatives of manufacturers and distributors of musical instruments and audio equipment got together for this 15th annual awards show, including guests from the USA, Canada, Japan, Brazil, South Africa, Russia, Poland, Great Britain, Italy, France, Greece, The Netherlands, Belgium, Luxemburg, Swe-

den, Denmark, Austria, Switzerland and Germany.

Here is a list of some of the 2014 winners:

Best Innovative Product, Line 6 AMPLIfi amplifier; Bass Amplification, Warwick LWA 1000; Guitar Amp, Hughes & Kettner Grandmeister 36; Guitar Effects, TC Electronic Ditto X2 Looper; Recording Software/Hardware, Steinberg Cubase 7/7.5; Mixing Desk (Project Studio), PreSonus StudioLive 32; Field Recorder, Zoom H6; DAW Controller, Softube Console One; and Audio Processor (Software/Hardware, Universal Audio UAD-2.

On the PIPA side, awards included: Portable Sound Speakers, JBL PRX Series; Concert Sound Speakers, L-Acoustics K2; Live Microphone, DPA d.facto II; Live Mixing Desk, Yamaha CL Series; Studio Microphone, Microtech Gefell CMV 563; Studio Monitor, Genelec M-Series; Lighting Controller, Martin M6; Lights, Clay Paky B-Eye; FX Lights, Robe MiniMe; Projection Devices, Christie D4K 2560; and Video/Projection Controller, Avolites Media Sapphire Media Console.

The PreSonus StudioLive 32 was among the winners at this year's MIPA/PIPA Awards.