



The year 2023 was abundantly layered with new innovations and technologies emerging from the world of pro sound and lighting.

As the demand for better pro audio and lighting products skyrocketed, the year gone by witnessed established brands reinforcing their commitment to delivering novelty with quality and promising new brands marking their presence with innovate, game-changing products and solutions.

The PALM Expo Magazine Team, as always, has performed its due diligence and put together a deck of The Top 50 Products of 2023 - 50 defining products, launched between January - December 2023, from the pro audio and lighting industry around the globe. These products were judged by the selection committee of the PALM Expo Magazine on various criteria – including product quality, market penetration in India, and product suitability for the Indian market – and gauged products which fuel adoption of higher quality equipment in rental sound, install sound, studio sound as well as PA sound. Read on.



TOP 50 PRODUCTS & TECHNOLOGY

Global Pro Audio & Lighting Technology

Ahuja Radios XDA – 7002

The XDA-7002 is a power amplifier from AHUJA Radios designed and made in India for the harsh Indian operating conditions. Its revolutionary Class-D technology offers hi-fidelity sound coupled with maximum reliability but at a



pocket friendly price. The high damping factor of XDA-7002 makes it suitable to drive high-power loudspeaker systems especially sub-woofers at live events as well as at indoor venues.

Amphion Amp400.12

The Amp400.12, specifically designed for immersive audio setups, promises an exceptional level of multichannel amplification. With a total of 12-channels, the amplifier can be used to power a 7.1.4 Atmos setup, while still allowing the user flexibility with extra open channel. Since all channels are identical and discreet, the amplifier is also ideal in a 2-channel environment for driving up to 6 pairs of passive speakers. The Amp400.12 is built on the Class-D platform, which delivers quick, controlled, low distortion power. The in-house designed buffer-stage complement the features of the Class-D technology. The Amp 400.12 drives both 8ohm and 4ohm

loads. The Neutrik XLR and Speakon connectors for each channel provide easy and secure connectivity across the system.



ATC SCM25A Pro Mk2

The SCM25A Pro Mk2 is a compact 3-way high-performance active studio monitor loudspeaker, featuring a 6.5"/164mm bass driver. The monitor comes with exceptional mid-range clarity, high output, extended bass response and modest size, which makes it ideal for nearfield monitoring in a spectrum of critical applications. The latest Mk2 version is updated with ATC's



latest SH25-76S 'Dual Suspension' tweeter, extending the high-frequency response and reducing distortion.

Audeze MM-100 Professional Headphones

Designed in collaboration with award-winning engineer/producer Manny Marroquin, the MM100 Professional Headphones feature Audeze planar magnetic drivers and magnesium and steel composed chassis to deliver production grade accuracy. With gel-filled earpads and feather-light suspension straps provide seamless comfort to the wearer. The MM-100's single-sided cable enables the user to connect it to either side of the headphone.



Audient iD24

Audient iD24 is an audio interface made for producers and engineers. Featuring two Audient Console Mic Preamps, class leading converters and an intuitive layout, iD24 effortlessly combines impeccable audio performance with ease of use. Add to that professional must-have features like balanced inserts, ADAT expandability and customizable monitor control, iD24 makes getting studio quality results easier than ever.



Avantone Pro Planar The II

Planar The II Reference-grade Open-Back Headphones with Planar Drivers is designed as the ideal solution for mix engineers, musicians, podcasters, live-streamers, and hi-fi enthusiasts. Planar the II employs a nicely tuned open-back architecture that eliminates the pressure build-up, acoustic resonance, and frequency curve found in closed-back headphones. Planar the IIs also come with a high-grade, removable, two-meter, noise-free 3.5 mm cable that can be plugged into either side to suit the users' workflow. The headphones ship in an eco-friendly shoulder bag with room for other accessories — along with a pouch for the cable.



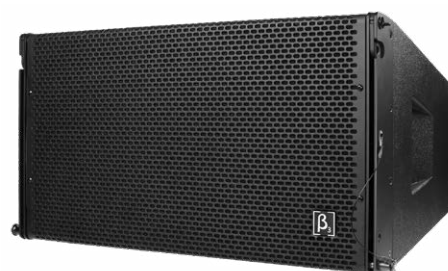
AVID Pro Tools | MTRX II

Pro Tools | MTRX II features 64 channels of built-in DigiLink I/O, 256 channels of Dante, and 64 channels of MADI. It is fully modular to accommodate any ADR, Foley, sound design, re-recording, or mixing session. Users can configure its eight card slots with all the I/O—the same option cards as MTRX, plus a new Thunderbolt 3 option—replacing multiple I/O, routing, and monitor control interfaces. Users can also route any signal between the various I/O formats and connect multiple HDX systems and DAWs together with a single interface.



Beta Three Audio VR112

VR112 is a full range speaker of medium sized array system. It has 1*12" Ferrite LF driver & 2*44mm Neodymium HF drivers and built-in-crossover with T-shaped cabinet and easy installation and uninstallation with lockpin 10°adjustable cabinet angle range. Multiple VR112 can work with a subwoofer to make up excellent point source system. The array system is also easy to install and uninstall.



Canara Lighting Chroma Wash Light (160W)

Canara Lighting's Chroma Wash Light – 160W is a high-quality Canara LED Panel light used as a key light, back light, fill light and chroma wash with dimming option for creating many effects for multiple applications, such as stage and auditorium lighting, studio and film lighting, and more. The 160W Chroma Wash Light comes with an integrated dimmer which enables instant dimming from 0 to 100%, high grade aluminum with matte finish paint. The Wash brightness is controlled through DMX Manual mode. The temperature of the lighting fixture is controlled by passive cooling heatsink system.



Celestion PowerProX18

PowerProX speakers from Celestion are built for maximum performance and reliability. They feature dynamic airflow venting which delivers the desired heat management with an average 20C lower voice coil temperature. The loudspeakers' inated dual suspension provides greater stability and improved demodulation ring ment symmetry and demodulation ring tion caused by voice. The loudspeaker is also equipped with double-sided, weatherproof cone coating for protection from moisture.



CHAINMASTER D8 1000 kg

CHAINMASTER's D8 1000kg model is now even safer thanks to a second brake fitted as standard. These compact units leave nothing to be desired when used in the entertainment sector. The products are supplied in standard with flip-bag chain bag - usable in normal and climbing position, with eco-friendly water-based matt paint and original EU DAT chain according to EN818-17.



Clarion Audio JM-LA 1205 with JM-LA-SUB 1802(800)

The JM-LA 1205 with JM-LA-SUB 1802(800) is a 12" full range with 18" sub line array system is an impressive sound equipment set-up, designed for loud and powerful audio output. This configuration delivers excellent low-frequency response making it a great choice for high-demand audio environments like music concerts, festivals, or even for clubs and lounges.



Cranborne Audio Carnaby 500

Carnaby 500 is a 3-band parametric EQ, designed for the 500 series format, featuring a unique EQ concept conceived and created by Cranborne Audio. Carnaby 500 is the world's first Harmonic EQ™ - it is an analogue EQ that utilizes harmonic saturation to elevate and cut frequency content. It enhances the users' sources, stems, and mixes with analogue harmonic saturation with the feel, familiarity, and control of an equalizer.



DAS Audio SARA-100

SARA-100 is a compact line array system featuring 3000Wrms of power, delivering a linear performance of 138 dB SPL MAX and a wide dynamic range, making it ideal for events and medium-sized installations where sound quality and uniformity are a priority. SARA features two custom designed 8" loudspeakers for mid and low frequencies and a compression driver for high frequencies with a 100° horizontal dispersion waveguide. SARA's Class D amplifier integrates a switch-mode power supply with power factor correction (PFC).



Denon DJ Prime 4+

Made by working DJs, for working DJs, the PRIME 4+ combines the creative possibilities of four standalone decks with great professional features and rugged build-quality to ensure solid DJ performances every single time. The PRIME 4+ features over 25 fully customizable Main FX and 4 dynamic, knob-controlled Sweep FX. The Touch FX mode converts the 10.1" touchscreen into an XY controller that puts live FX manipulation at the users' fingertips. With the on-board power of Engine Lighting, users have full access to customized or automatic light shows for saved or streaming tracks and full control over color, dimming, sequence, moving head position, strobe, blackout, and even on/off control over cold spark fountains, dry ice machines, and haze or fog.



DPA Microphones 2017 Shotgun Microphone

The 2017 Shotgun Microphone from DPA Microphones deliver accurate, clean sound from the primary sound source that effortlessly with natural sound captured off-axis. The microphone's durability offers reinforced construction to perform in environments, including high humidity ambiances. The phone's off-axis rejection means optimal isolation of the sound source. The microphone also features directional pattern with an effective interference tube in a compact housing. The Shotgun Microphone is easy to set up, position and use in fixed positions, on booms and on camera systems.



EAW NTX210L

The NTX210L from Easter Acoustic Works is designed to support medium to large outdoor festivals, corporate events, houses of worship, performing arts centers, and theaters. Different from other powered line array products, the patented Opti-logic technology within the NTX210L allows each loudspeaker to communicate with the loudspeakers around it. This reduces setup and tuning time, opportunities for errors, all while maximizing array performance.



Eve Audio SC2070

The SC2070 is a compact 2-way system featuring the brand-new Air Motion Transformer RS7, which has been specifically developed for SC2070 to achieve a crossover frequency at 1800Hz that is astonishingly low for a 2-way monitor. An enclosure with a reinforced front baffle houses the Air Motion Transformer RS7 and a 6.5" SilverCone woofer, as well as the amplifier unit with an output power of 250W.



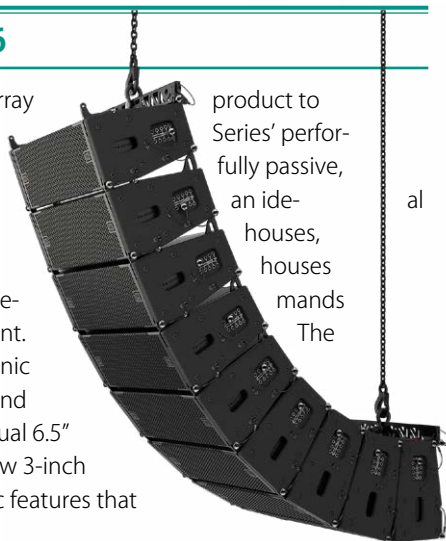
Genelec 8381A Point Source Main Monitor

The 8381A is a flagship floor-standing Adaptive Point Source design that provides unrivalled LF control, huge headroom and high-resolution imaging. Designed for high end music recording and mastering, the 8381A will intelligently adapt to any acoustic environment, producing accurate full-band mixes that translate consistently to other rooms and playback systems.



JBL Professional VTX A6

The A6 is JBL's smallest VTX line array element, which brings flagship VTX performance in a subcompact form. The two-way line array element is a solution for small to mid-size rental corporate events, theaters, clubs, of worship or any application that demands no-compromise sound reinforcement. A6 is engineered for outstanding sonic performance and easy integration and deployment. Custom-engineered dual 6.5" Differential Drive® woofers and a new 3-inch compression driver are two acoustic features that elevate the A6 to newer heights.



L-Acoustics L-Series

L Series from L-Acoustics comprises two elements that are designed to work together or on their own: L2 and L2D. Each element contains eight three-inch high-frequency drivers with eight ten-inch low-frequency drivers, complemented by four side-loaded 12-inch drivers with front and back exits to deliver the desired broadband coverage with a choice of cardioid or super-cardioid patterns. L Series also features L-Acoustics Panflex™ technology, which provides sound designers with quick access to a choice of four horizontal directivity patterns: 70° or 110° symmetrical, or 90° asymmetrical on either side. Each L2 element includes four Panflex modules, while L2D contains two Panflex modules on the top elements and two fixed L-Fins progressing from 110° to 140° on the bottom elements.



Lewitt Audio MTP W950

The Lewitt Audio MTP W950 is one of the most premium handheld microphones that feature 1" true condenser capsule, cardioid and supercardioid polar pattern, 12 dB attenuation setting, and 120 Hz low-cut filter, offering crystal-clear live mixes with 90% rear rejection. The MTP W950 also comes with a detachable capsule, allowing customers to use the microphone in its wireless form.



Lightning Boy Audio Dark Storm

The Lightning Boy Audio Dark Storm is a 75dB, JFET powered, 4-transformer preamp featuring dual outputs - a 600 Ohm balanced XLR output and a Hi-Z 1/4 unbalanced output (wet) - that can work at the same time. The gain knob



up all the way helps the user achieve strong and fuzzy distortion. The Dark Storm has 0.018% THD+N and a frequency response that spans 10Hz-400kHz (+/-2dB from 13Hz-25.5kHz), 75dB of gain, S/N ratio of 100dB, 12dB of boost.

Logitech Zone Wireless 2

The Zone Wireless 2 enhances focus and concentration on tasks at hand. With AI noise suppression, four noise-cancelling microphones, and hybrid ANC, it enables high-skilled employees to work seamlessly without distractions.



Mackie DLZ Creator

Inspired partially by smartphone and DSLR cameras that make great results happen, the DLZ Creator transforms the on-screen controls to meet the users' creative style or skill level—without compromising processing power or sound quality. DLZ Creator allows users to record or stream to a computer via USB-C, or skip the computer and record full multitrack audio to an SD card for a truly self-contained setup.



Martin MAC One

The MAC One from Martin is a revolutionary beam, wash and eye-candy fixture that features a Fresnel lens designed to transform any stage or event into visual delight. MAC One's narrow, high-intensity beam, stunning Fresnel lens for a soft wash with a 4 to 27-degree zoom range, and an innovative backlight system with 24 RGB effect LEDs within the lens deliver the desired results. Powered by a custom-developed 120 W RGBL (Red, Green, Blue, Lime) LED engine, with an output of 2,500 lm and a narrow beam intensity of 375,000 cd, MAC One's performance is unparalleled in its category. The fixture is easy to handle and manage, and more fixtures can be used in a show without compromising weight or space limitations, resulting in lower transport costs and a good ROI for rental companies.



MX-MDR Technologies MX SIGNATURE PRO 14-Channel Live Audio Mixer

MX-MDR Technologies' MX SIGNATURE PRO 14-Channel Live Audio Mixer is a 14-channel ultra noise compact mixer with highest possible headroom. The live audio mixer features 14 mono + 1 stereo track input with built-in USB and bluetooth with high-quality microphone amplifier, unique 99 DSP built-in digital effects, high precision three color accurate level column, accurate display output level, 4-band active EQ with mid-range for each channel, and a 9-band equalizer.



Neumann.Berlin MT 48

The MT 48 from Neumann is a reference audio interface that delivers superior audio quality at every step of the signal chain, from input to output. The MT 48 is the one and only audio interface in this range that houses the entire spectrum of potential of Neumann's microphones, headphones, and monitors



in a single device. At 136 dB-A, the interface offers AD conversion four times the resolution of competing devices, and with a 78 dB gain, the users get the finest detail out of any microphone. The MT 48 also comes with four internal mixers for quality EQ, dynamics processing, and reverb.

N-Labs X9

N-Labs' X9 subwoofer amplifier delivers powerful audio for live sound, road shows, in cinemas, and more. The X9 is one of the biggest power amplifiers ever made by any Indian brand and the only amplifier which is available in that power rating and specs in India right now. With a peak power of 2 X 3500 W for 8 Ω, 2 X 7200 W for 4 Ω, and 2 X 9250 W for 2.6 Ω, the subwoofer amplifier uses the highest output power in the industry. It is designed for

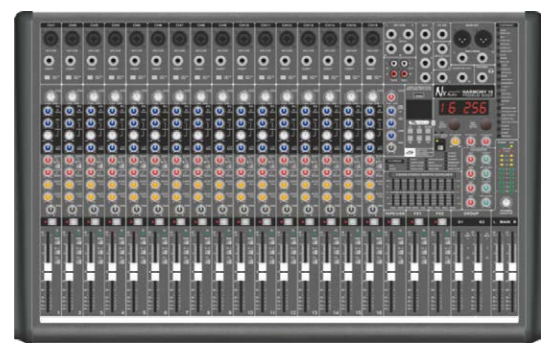


subwoofers, delivering more than 2700 Damping Factor with a frequency response of 0.1DB +/- @ 20HZ – 200HZ. Some of the key features of X9 include – separate fuse boards inside to protect input and output supplies from damage, automatic temperature sensors inside to regulate the fan speed reducing noise, pure class H Technology for higher output and efficiency, and ideal for low frequency response.

Nx Audio Harmony16

Using studio-grade preamps to deliver fat, natural sounding bass and smooth, soaring highs with very low distortion, the Harmony16 delivers a level of sonic purity and sound quality that is unmatched in their class. These feature-packed Live Mixers have dual digital multi-effect processors offering

31+16 editable digital effects perfect for enhancing a mix, 100mm faders, 4 Aux Sends, 9 Band Graphic Equalizer, USB Recording, and more.



Pioneer DJ DJM-A9

The 4-channel DJM-A9 club standard mixer features clear sound quality, enhanced playability and connectivity, along with a host of new features. The channel input section within the DJM-A9 is equipped with an ESS Technology 32-bit high-quality A/D converter for crystal-clear, high-resolution sound, while the master and booth output sections employ 32-bit high-quality D/A converters from the same brand so that the users can experience the same sound from the booth monitors as the crowd hears on the dancefloor.



PreSonus Eris 3.5 2nd Gen

With the PreSonus Eris 3.5, users can now bring studio-grade performance to the home studio. The Eris 3.5 delivers studio-quality sound in a compact, easy-to-use package. The Eris 3.5 is loud, as well as clear, thanks to a 50W total Class AB power amp. Users can fine-tune the speakers' response with low- and high-frequency tuning controls or listen to music in private with the integrated headphone amplifier.



QSC LA112 Line Array Loudspeaker

The LA112 is a next-generation, intelligent, active line array loudspeaker featuring a brilliant combination of leading-edge innovation and unparalleled ease of use in an easy-to-deploy package. The LA112 is easy to configure and deploy for applications ranging from simple, portable setups, to demanding, networked AV productions, and fixed installations. Innovations include the proprietary QSC LEAF (Length-Equalized Acoustic Flare) waveguide, QSC Acoustic Linear Phase (ALP) design and the ergonomically designed, single operator QSC RapidDeploy rigging system coupled with onboard QSC AWARE (Automatic Wireless Array Recognition) system intelligence. The LA112 provides also flexible interoperability with networked audio systems (Dante).



RANE FOUR

The FOUR from RANE, an advanced 4-channel Stems DJ controller comes with unique features like STEM-SPLIT,



Performance Pad OLED displays, and a new dynamic internal FX engine. The newly designed internal FX suite features 22 paddle-triggered, fully customizable Main FX and 4 knob-controlled Channel FX for adding flavor and personality to individual Stems elements and tracks. This robust FX suite features Reverb and Echo and new additions, which includes Scale Down, Recycler, Riser, and more. The Channel FX section offers manipulation of 4 knob-controlled FX including Filter, Filter Roll, Noise, and Flanger. The RANE FOUR also allows the user to switch back and forth between the built-in hardware FX and Serato's software FX, providing limitless options for any style of DJing.

RME Audio Digiface USB

The Digiface USB is compact, portable digital audio interface with 4 optical ADAT / SPDIF I/Os, and an analog high-quality line/phones output via 6.3 mm TRS jack. The Digiface USB simplifies connection with USB 2 and it does not need an external power supply while adding another optical I/O, resulting in 32 channels input and output each when using ADAT optical. The analog output hosts channels 33/34, and can be used freely thanks to TotalMix FX, RME's routing and monitoring solution that is limitless in routing and mixing.



Royer Labs R-10 Hot Rod Limited Edition

The R-10 Hot Rod is fitted with a custom Anniversary Edition transformer that gives this microphone 5dB more output than the standard R-10 and increased low-midrange focus. The R-10 Hot Rod also features a 25th Anniversary black-accented trim package. The R-10 Hot Rod handles extremely high SPLs (160dB @ 1kHz), has an internally shock-mounted ribbon transducer & 3-layer wind screen system that combine to give the ribbon element excellent protection, making it ideal for live applications, features lowered proximity effect that make it an excellent for close miking instruments and singers, and carries a 5-year warranty with the first re-ribbon free.



Rupert Neve Designs Newton Channel

The Newton Channel is a modern channel strip that provides classic sound on demand, with all the instantly-recognizable character, musical tone-shaping abilities, and proven reliability that define a Rupert Neve Designs product. The parametric mid-band of the Newton EQ section includes another 31-detent potentiometer along with a wide range of mid frequencies to boost



or cut, switchable from 220Hz to 7kHz. The Newton Channel also contains the latest version of Rupert Neve Designs' VCA compressor, with +20dB of make-up gain and ample control. The Newton is ideal for a project studio, large-scale commercial facility or live sound rig.

sE Electronics V2 Switch

The V2 SWITCH is a multi-purpose handheld dynamic microphone with a no-slip on/off switch. Its balanced sound character is ideal for vocals, speech, and a wide range of instruments. The supercardioid capsule design provides impressive off-axis rejection, significantly reducing stage bleed and isolat-

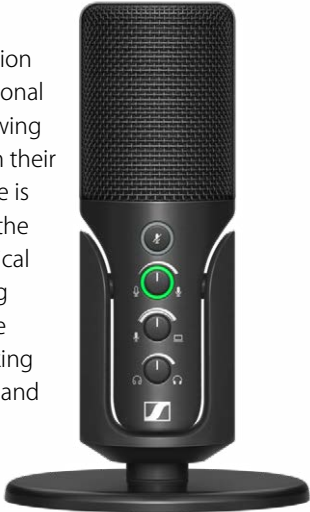
ing your source from unwanted noise. The V2 SWITCH against unwanted pops and with an shock-mount, providing professional sound in any environment.



background protects ed plosive handling noise internal windscreen and integrated mount, providing professional sound in any envi-

Sennheiser Profile USB Microphone

Profile USB microphone is a cardioid condenser microphone that presents an easy and stylish solution for streaming and podcasting. It combines professional sound with direct accessibility of all functions, allowing streamers, podcasters, and gamers to fully focus on their content. At the heart of the Profile USB microphone is an award-winning Sennheiser condenser capsule, the KE 10. Its cardioid pick-up pattern provides the typical attenuation of sound coming from the rear, making sure that the streamer's voice is in focus. The Profile can be tilted for optimum positioning, the self-locking joint will ensure that the mic stays in position. 3/8" and 5/8" connectors at the bottom allow the mic to be used with third-party table stands. Users who are looking for more sophisticated placement possibilities should opt for the Profile Streaming Set, which comes with a 3-point self-locking boom arm.



Sony MDR-MV1

The MDR-MV1 Open Back Studio Monitor Headphones offers extended spatial sound reproducibility along with accurate sound object positioning within a 360-degree space, as well as clear, sound coupled with a super-wide frequency range and accurate soundstage. The headphones' driver units provide ultra-wide-band playback (5Hz – 80 kHz) with natural high frequencies. The open back structure of the headphones minimizes internally reflected sounds and eliminates acoustic resonances while accurately reproducing natural, rich spatial information and sounds.



SPL Phonitor 3 DAC

SPL's Phonitor 3 DAC is a headphone amplifier, monitoring controller, and DAC with 120V technology, featuring analog SLP120 that converts digital PCM audio signals with a resolution of 32 bit and a sampling rate of up to 768 kHz. Phonitor 3 DAC offers the same monitoring quality as the big SPL mastering consoles – on loudspeakers as well as headphones. The analog Phonitor Matrix allows mixing and mastering on headphones with the same spatial perception of the stereo stage as on loudspeakers.



Steinberg HALion 7

Steinberg's HALion 7 is a software instrument developed to help users create superlative music and sound design. HALion 7 features the completely new FM Zone, developed in co-operation with Yamaha. This allows the users to combine up to eight operators, use them as carriers or send them to feedback loops. With access to an Algorithm Finder, the users can create

everything from classic DX7 tones to the most contemporary FM sounds. HALion 7 also supports DX7 and TX81Z SYX file import in the FM Zone. The HALion spectral oscillator features time stretch and resynthesis algorithm, which allows the users to change playback speed in real time without affecting the pitch and transform samples into completely new sounds. With features like formant shift, spectral filter, purity, inharmonicity and the ability to hold the previous spectrum functions if a sample's start or end is reached and a new FFT view, the HALion 7 is just the right fit for sound designers worldwide.



Studiomaster Professional Orb 2442

The Studiomaster Professional Orb 2442 is a large-format 24 channel live mixing console. Sporting 24 mic / 28 line inputs, 6 Aux sends, 4 subgroups, dual 7-band stereo GEQs, One Knob Compressor on 10 inputs, USB MP3 media player & recorder with Bluetooth 5.0, PC USB audio interface and advanced routing, monitoring and metering options, the mixer is ideal for live, FOH, touring, and complex installation applications in large venues.



TASCAM Sonicview 24XP

TASCAM Sonicview recording mixing consoles is equipped with built-in Dante networking, a 32-bit/96 kHz multi-channel USB audio interface, built-in multi-track SD recording*, and plenty of I/O. Sonicview 24XP includes 54-bit float-point FPGA mixing, which combines with signal processing, an expansion slot for additional connectivity, and wireless remote control to make it a next-generation choice for touring, installed sound, recording studios, and broadcasting. The TASCAM Sonicview 24XP delivers motorized channel faders in three banks of eight, along with a motorized stereo fader for the main bus. Above each bank of channel faders is a color touch panel that allows the user to view entire mixer channels, thereby controlling each parameter with ease.



Trinnov Audio NOVA

NOVA is a modular Optimizer that allows users to upgrade from 2 to 6 channels with a simple software update. Packed in a shallow 1U chassis, NOVA covers all monitoring needs from stereo to 5.1 and handles analog



and digital signals easily. NOVA also enables the user to connect, align and seamlessly switch between sources and multiple sets of monitors, regardless of their format or connection. Avid EUCON compliant and fully compatible with La Remote, NOVA allows advanced monitoring control and can easily be integrated to various production tools. It can be set up either as a full monitoring controller or as an embedded audio insert processing toolbox in the loudspeaker path.

Ultimate Ears Professional UE Premier

Loaded with 21 drivers and a five-way crossover, the UE PREMIER in-ear monitors are ideal for live stage performances as well as studio recordings. With five-way crossover, 21 precisely curated and tuned drivers, Knowles Super Tweeter that extends frequency range to 40kHz, adds the desired warmth, richness and airiness, dual mid-low diaphragm speakers, acoustic isolation that rejects noise in any environment, custom, personalized fit that stays secure and comfortable, and waterproof connection system and SuperBAX cable that provide lasting durability, the UE PREMIER in-ear monitors are here to change the game.



Universal Audio Sphere DLX Modeling Microphone

The UA Sphere DLX modeling microphone system delivers the user the sound of classic mics. Featuring 38 legendary mic models of Neumann, Telefunken, AKG, Sony, and more, the Sphere DLX is designed to give the sound quality of some of the most sought-after ribbon, condenser, and dynamic microphones. The Sphere DLX lets the user audition classic mics before, during, and after recording with any interface, in any DAW. With dual-capsule design, the Sphere DLX lets the user easily record piano, drums, strings, and more in stereo and different mic models on the left and right channels for a more colorful stereo image.



VALaudio WP15CXL

VAL audio WP15CXL is a 15" two-way coaxial all-weather Line Array speaker. It uses a special polymer compound injection molded cabinet and is specifically designed for anti-UV aging, dust-proof and windproof. It features specially designed dustproof and waterproof cover for input and output and a five-layer functional grille to prevent water and dust ingress. The speaker is designed to meet IP56 standard. The exposed metal parts are made of stainless steel or aluminum, and the mounting bracket is sprayed with low-carbon steel, which can meet all-weather use. It features a 1x15" ferrite mid-bass driver and coaxially mounted 1 x 3" voice coil HF driver on a 60"x25" waveguide. The WP15CXL unique design allows it to be used as a standalone speaker or in arrays of upto 4 speakers with additional flying hardware.



Yamaha STAGEPAS 200

With clear quality sound and mixing capability that exceeds expectations, the STAGEPAS 200 is one of the most premium portable PA systems that sets benchmark in its performance. The STAGEPAS 200 offers all the connectivity, performance functions, and mixing capability users would ever need for small-scale duo or trio performances—all packed into a compact 300 mm cube-style cabinet. Equipped with a digital mixer that can be controlled remotely for up to 5 channels, 3 mic preamps, and a comprehensive range of practical functions, the STAGEPAS 200 is the ideal compact all-in-one PA system. The STAGEPAS 200 comes in two models—one with a high-capacity lithium-ion battery, the other compatible with optional batteries, giving the user the flexibility to capture the audience's attention in any environment—from street/stage performances, to events, parties, and even speeches.



ZSOUND VCX

ZSOUND VCX is a large-scale, four-amp, three-way line array system with Neodymium high-sensitivity driver and large stroke LF driver. The ZSOUND VCX is a powerful dual 14-inch 3-way 4-amp line array speaker system. This system features two 14-inch LF components, four 7-inch MF components, and three 3-inch HF components, delivering outstanding sound quality and coverage with a nominal coverage of 80 degrees (H) adjustable. The ZSOUND VCX delivers maximum headroom and a large stroke LF driver, ensuring that the low frequency is extended. The presettable angle on the ground is adjustable with a manual hoister in the air, making it an ideal choice for large-scale events, touring performances, stadium, and theatre installation. With a weight of 77 kg, this line array speaker system is built to withstand the rigors of professional use and delivers SPL peaks of 135/141 dB for HF, 131/137 dB for MF, and 125/131 dB for both LF(L) and LF(R).

