STUDIOMASTER PROFESSIONAL SD 300 - A WARM DELAY EFFECTS PROCESSOR FOR THE INDIAN SINGER

For decades, many Indian singers and vocalists have been obsessed with finding the perfect delay effect for their performances. While experienced audio professionals can whip up a delay setting quickly, vocalists may not be able to do so with the same finesse. This is where the Studiomaster Professional SD 300 steps up!

The compact digital delay EFX processor is designed to be simple to use while delivering a rich, warm, and lush analogue sonic output. At the heart of the processor is a specially-designed DSP chip that delivers a coveted delay output. Users get the option to set the delay time and repeat control to come up with a variety of effect options on-the-fly along with the ability to bypass the effect quickly.

The SD 300 features two professional-grade ¼" unbalanced switchable Mic/Line inputs and mix output. The processor sports individual level controls for the inputs and effect output. The unit can be powered by a +12V DC adapter or standard +9V DC battery, making it ideal for a host of mobile applications. Thanks to its optional battery-operated design, the unit also acts as a compact mixer in applications where conventional power supply is simply not possible. Sporting an elegant electric blue paint finish, the delay effects processor has a compact build size for easy portability.

Striking a right balance between high-quality performance and cost-effective pricing, the SD 300 is sure to resonate with both professional and upcoming vocalists and musicians. The processor is ideal for a variety of singing, musical, and vocal applications in live, touring, mobile, and public address scenarios. The SD 300 is readily available at authorised Studiomaster Professional outlets across India. For more information, you could email us on info@audioplus-india.com, message us via WhatsApp on +91-8879028079 or visit http://bit.ly/SD300



MANLEY LABS INTRODUCES DUAL MONO MIC PREAMP

Manley Laboratories has announced a special Limited Edition run of their classic Dual **Mono Microphone Preamplifiers** with special blue & black cosmetics, in honor of the company's 30thAnniversary.



Manley's current equipment lineup is designed with more modern, efficient manufacturing techniques in mind, the Dual Mono Mic Preamp comes from an era where products were painstakingly built in a decidedly old-school fashion. "There are a tremendous number of American labor-hours required to hand-wire each Dual Mono Microphone preamplifier," says company President **EveAnna Manley**. "But because we are in the audio business – always listening! – we have decided to celebrate our 30 Years of Manley pro audio production with a run of these classic cornerstone products."

EM ACOUSTICS UNVEILS HALO-B SYSTEM

EM Acoustics has unveiled **HALO-B system**. This third system in the HALO family is a medium format, 110° horizontal dispersion line array for indoor and outdoor sound reinforcement. As its name suggests, HALO-B sits between HALO-A and HALO-C in both physical size and overall system output, and as such is perhaps the most versatile system in the family.

Built on the same 'maximum headroom' design principles as HALO-A to ensure consistent performance across all SPL levels and consistent horizontal dispersion pattern across the operating frequency band, HALO-B is a two-way reflex-loaded medium format line array element featuring a patent-pending proprietary HF emulation manifold which combines the energy of four 1-inch compression drivers into a plane-wave array. These are flanked by two 8-inch LF drivers in an optimally tuned, lightweight, ported enclosure. The bi-amplified design results in only a single crossover point, which in turn translates into reduced amplifier channel count and more efficient use of amplifier power.

Continuity of voicing is preserved across the entire HALO series, enabling HALO-B's use as a companion system to either the large format HALO-A, or the compact HALO-C systems in addition to stand-alone main PA applications. Festivals, stadia, sports arenas, performance venues, houses of worship and corporate AV events are all ideal candidates for HALO-B, designed to be equally comfortable in both fixed installation and mobile applications.

A tough, weather- and impact-resistant polyurethane coating and a touring-friendly, ultra-high tensile steel 3-point flying system with quick-release pins complete the package. Finally, HALO-B is matched with the ST-215 flyable dual 15-inch subwoofer and packaged with Dante-enabled DQ Series amplifiers or the flagship DQRack



EM Acoustics operations director, **Mike Wheeler** is categoric about the company's latest release: "HALO-B is simply the best product we've ever made."

Wheeler attributes this to a number of factors: "Firstly, we were successfully able to scale the technology used in HALO-A; this isn't always possible, but when it is it can bring huge benefits. For example, the high frequency manifold technology that we developed for HALO-A if anything, performs even better in its scaled-down HALO-B implementation. Secondly, HALO-B is an ideal size for so many applications, either on its own or accompanying something else – we feel it will be a really useful tool for rental companies looking for maximum ROI. We are looking forward to seeing HALO-B put through its paces on tours and events throughout the summer."

ALTO PROFESSIONAL LAYS DOWN A ROCK-SOLID FOUNDATION WITH NEW TS3 SERIES POWERED SUBWOOFERS



Alto Professional has announced the introduction of their **TS3** family of high-powered subwoofers, the TS315S and TS318S. The new subwoofers extend the bass response of Alto Professional's highly successful line of TS3 full-range speakers, resulting in systems with stunning wide-range response characterized by dramatic, impactful low frequencies and soaring, transparent midrange and highs.

There are times when even the best sound systems need additional low-frequency output and "punch." For those situations, Alto Professional offers their new TS/315S/318S powered subwoofers. These subwoofers extend the bass response of virtually any full-range speaker, relieving that speaker of the difficult task of having to reproduce the low bass frequencies. When using these new subwoofers, the listening audience will hear everything with perfect clarity, from the lowest bass synth tones to the highest percussion bells and everything in between.

Both subwoofer models feature a rugged, long-excursion woofer mounted in a solidly braced ported enclosure, computer-optimized for powerful low-frequency performance. The enclosures themselves are made from a dense wood composite. This strong, resonant-free material has virtually perfect acoustic characteristics, which ensures that the subwoofers' output is always clear and impactful. Conventional enclosures with flex-prone thin metal or plastic walls actually rob the speaker of acoustic impact by dissipating the driver's energy as cabinet vibration. A sturdy, braced wood composite enclosure doesn't waste the driver's motion as cabinet resonance.

Strong, clear output is only half the battle, however. In order for a subwoofer to be part of an ideal speaker system, it has to blend seamlessly with the companion speaker. Here, Alto Professional TS300-series subwoofers excel like none other. These subwoofers have a choice of six selectable DSP output modes, so the subwoofer's frequency response and crossover frequency are perfectly matched to the speaker it's being used with. Four of these six output options match the subwoofer perfectly with Alto TS2 and TS3 full-range speakers, while the other four output options ensure a perfect match even with non-Alto full-range speakers. For the ultimate in system configuration flexibility, users can also choose Hi-Pass or Bypass mode.

Alto Professional's computer design techniques feature advancements such as Finite Element Analysis (FEA), which enables them to optimize the speaker's magnetic structure and maintain a tight voice coil gap for maximum sensitivity. Alto's voice coils themselves have extremely tight windings that ensure maximum utilization of the input signal and the adhesives exhibit unrivaled consistency and durability under high temperature conditions for unsurpassed system reliability. Both subwoofers have an on-board 2000-watt amplifier (1000 watts continuous) with proprietary limiting circuitry that provides electronic clip, thermal and transducer overload protection, ensuring that the system always sounds clean and clear, no matter how hard it's pushed.

STUDIOMASTER PROFESSIONAL LAUNCHES THE VERSATILE H 510 ACTIVE LOUDSPEAKERS



The H510 from Studiomaster Professional is a high-quality 2-way Bi-Amplified design active loudspeakers. Housed in a high-endurance plastic mounded enclosure, the speaker incorporates a 15" LF woofer driven by class AB amplifier and 1" HF compression driver powered by a class H amplifier. The result of this carefully-engineered combination is a powerful 400W (RMS) is amazing clarity, detail, and throw distance. The speaker is further optimized to deliver a frequency response between 50Hz-20kHz and a max SPL of a whopping 130dB despite its compact build size. Additionally, the specially-engineered HF flare weaved into the design ensures an even dispersion with a wide coverage area.

One of the standout features of the H 510 is the built-in USB/SD card MP3 media player with playback control, Infrared (IR) remote control, and Bluetooth for wireless streaming from compatible smart devices such as smartphones, tablets, and laptops. The powered speaker integrates 2 switchable mic/line combo XLR-Jack inputs and an XLR out for linking additional loudspeakers. Basic tone control can be achieved using the 2-band fixed-frequency equalizer on the rear panel. The integrated soft clip limiter circuit not only ensures distortion-free sound but also optimal speaker protection.

The unique shape of the H 510 makes the speaker useful for both FOH and floor monitoring applications. The integrated mounting socket on the bottom panel allows seamless installation on standard wall/pole mounts and speaker stands. The speakers' ergonomically-shaped handles allow utmost ease in transportation. Packed with features, the powered loudspeaker is ideal for a wide variety of live, touring, installation, and other mobile applications.

The H 510 is readily available at authorised Studiomaster Professional outlets across India.

PALM technology
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www.palmtechnology.in