

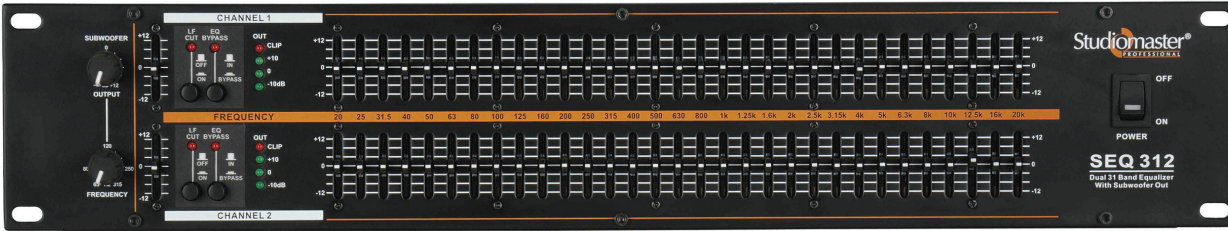
## STUDIOMASTER PROFESSIONAL EXPANDS ITS AUDIO PROCESSOR RANGE WITH SEQ 312

**Studiomaster** Professional has added the SEQ 312 professional dual 31 band graphic equalizer to its range of world class audio processors. The SEQ 312 has 31 fixed frequencies that can be cut or boosted up to  $\pm 12$ dB with constant Q factor. The manufacturer has taken extra special care to

to cut or boost frequencies as per their requirement. The SEQ 312 has premium grade balanced XLR as well as 1/4" connectors input and output connectors. This allows the equalizer to effortlessly connect to other audio gear in the inventory. The input and output connectors ensure that there is no loss

also boasts of a LF cut switch (fixed at 63Hz, -3dB) that can instantly attenuate any kind of unwanted low frequencies that may cause the mix to sound muddy. Apart from all the unique features, the SEQ 312 also has essential features such as the bypass for instant A/B comparison and bright LED's to quickly gauge signal levels and avoid clipping.

All the features in the SEQ 312 are housed in to an all black, sleek 2U, 19" rack mountable design



**SEQ 312**

ensure that the Q factor is not variable and has an accurate width. This allows the user to ensure that the frequency being tweaked does not interfere with the corresponding frequencies. A constant and accurate Q factor is one of the most crucial factors when it comes to choosing an equalizer with fixed frequencies.

The high quality and accurate 20mm frequency faders give the user the power

or coloration in the fidelity of the incoming signal. An important feature incorporated in the SEQ 312 is the range setting that is switchable between  $\pm 12$ dB to give a gradual variation as required. Studiomaster Professional has also included a separate subwoofer out with selectable frequencies (between 63-315Hz) and a dedicated output level control (up to +12dB). This feature lets the user connect a sub woofer. The equalizer

with rack mount ears. Keeping in mind the quality consciousness of its users, the Indian pro audio giant has made use of good quality PCB's and components during the manufacturing process. Very few equalizers in this price range offer this kind of functionality and quality. Like all products from the Studiomaster Professional stable, the SEQ 312 is backed by the brand's remarkable quality and outstanding after sales support.

Further details on the product are available on [www.studiomasterprofessional.com](http://www.studiomasterprofessional.com).

## D&B AUDIOTECHNIK RELEASES NEW Y-SERIES OF LOUSPEAKERS

The new Y-Series of loudspeakers from d&b audiotechnik provides a flexible, configurable option for small to medium applications.

Y7P and Y10P loudspeakers handle point source duties, with the B6-SUB providing extended frequency response. In addition, two line source loudspeakers and a matched cardioid subwoofer—Y8, Y12 and Y-SUB—are designed for line array tasks.

The Y7P and Y10P loudspeakers share the same dipolar 8-inch driver arrangement centered on a 1.4-inch compression driver fitted to a rotatable CD horn, facilitating deployment horizontally or vertically. Their dispersion characteristics of 75 x 40 degrees and 110 x 40 degrees (h x v), respectively, present several deployment options – individually as a full range system or in combination with other elements from the Y-Series, either ground stacked or flown.

A port design within both models extends LF performance down to 59 Hz. The B6-SUB incorporates an 18-inch driver built into a bass-reflex design, extending frequency response down to 37 Hz.

Meanwhile, the Y8 and Y12 utilize the same rigging design as their bigger brothers from the J- and V-Series, and they also share the same 80- and 120-degree horizontal dispersion characteristics. They can be suspended in columns of up to 24 loudspeakers, with splay angles from 0 to 14 degrees with a 1-degree resolution.

Dual 8-inch drivers with neodymium magnets mounted in a dipolar arrangement around a 1.4-inch compression driver enables the Y8 and Y12 to offer a horizontal dispersion pattern that's controlled down to 500 Hz.

The Y-SUB houses a forward facing 18-inch woofer and a 12-inch woofer radiating towards the rear, producing a cardioid

dispersion pattern. Driven by a single amplifier channel, the Y-SUB can be ground stacked or flown at the top of a Y8/Y12 array.

Y-Series models assimilate into a workflow comprising the ArrayCalc simulation software, the R1 Remote control software and d&b amplifiers. The process is designed to foster consistent and efficient results. Numerous line and point source loudspeakers can be combined within ArrayCalc, providing a graphical representation detailing the coverage, level drop and safety aspects of a system setup in a given space.

The R1 export function transfers all configurations and settings into an R1 Remote control project file, taking into account any system specific functions. The R1 workplace presents the format for operating systems via the Remote network through CAN-Bus to access D6 and D12 amplifiers, as well as the D80, which can also be controlled through Ethernet using OCA protocols.

Y-Series loudspeakers are available in portable/mobile and installation (Yi-Series) versions, differing only in cabinet construction and mounting hardware.



**The new d&b audiotechnik Y Series**