

FORSYTHE SERIES



SM Series High Output Stage Monitor Systems

The EAW SM Series — a comprehensive range of high definition loudspeaker systems engineered specifically for live performing arts applications that require high output on stage to allow musicians to clearly hear all aspects of the mix above amplified instruments.

To be effective, a stage monitor must provide considerably more than simple raw output capabilities. Over the past 10 years EAW has devoted extensive engineering resources to improving all aspects of stage monitor design and manufacture. The list of features that follows is just a brief overview of the advantages the SM Series has inherited from our experience.

Low Distortion Components — SM Series designs sacrifice an inconsequential 1-2 dB in sensitivity due to the use of highly dampened drivers. The net result is significantly reduced distortion for improved clarity and definition, in addition to greater overall sound pressure levels before the onset of diaphragm breakup modes.

High Gain Before Feedback — EAW's design philosophy of engineering for maximally flat power response is the key to the SM Series' ability to minimize feedback, dramatically reducing the amount of equalization and time necessary to achieve typical concert stage sound pressure levels.

Excellent Sight Lines — All SM Series systems utilize a multi-angle enclosure optimized for minimal stage height, (resulting in unmatched sight lines particularly important for video applications) while maintaining three operational angles (90, 45, & 15 degrees relative to the floor), to accommodate any performer's working distance and preferences.

Traditional EAW Durability — The SM Series systems are built using the same world famous construction technology EAW utilizes for our large concert touring systems, including cross-grain-laminated hardwood, recessed cabinet hardware and vinyl coated perforated steel grills.

The SM222J is designed to enable performers to hear clear on stage

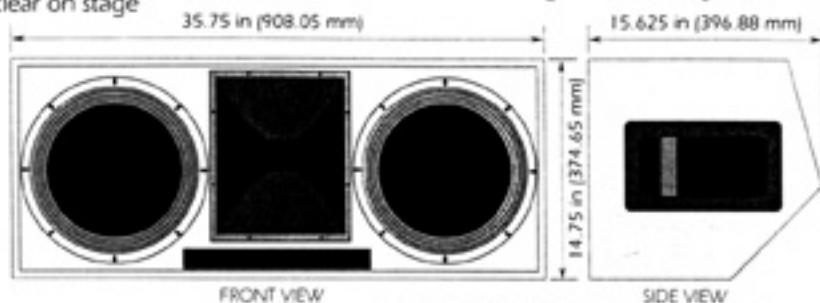
audio reinforcement regardless of the ambient sound levels. The SM222J is the latest evolution of EAW's legendary dual 12-inch woofer and large diaphragm compression driver stage monitor design (originally introduced in 1979 as the SM600). The current version's exceptionally low profile enclosure results in less than 17.75 inches of total stage height in both the 45 and 15 degree modes.

The SM202H was developed around a dual 10-inch driver design which permits exceptionally high sound pressure levels and mid-band power response linearity in a very compact affordable system. This is the clear choice for applications requiring very high sound pressure levels without the need or the budget for an SM222 and its increased output below 70 Hz.

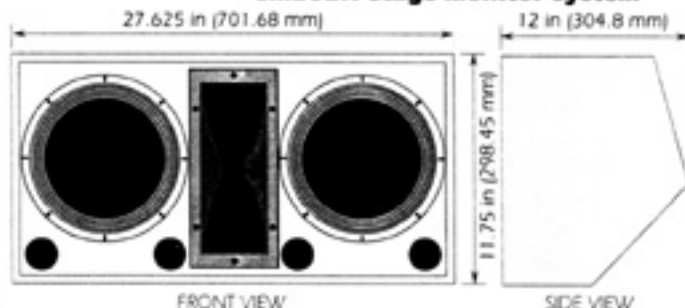
The SM155H is EAW's refinement of the classic 15-inch two-way monitor. Its larger woofer and volume increases output below 100 Hz, making it ideal for monitoring applications requiring strong on-stage reinforcement of bass instruments.

The SM122H is a compact 12-inch two-way floor monitor particularly suited for vocal spot monitor applications requiring excellent intelligibility and high definition. The smallest system in the SM Series, it is the natural choice for tight stages and trucks.

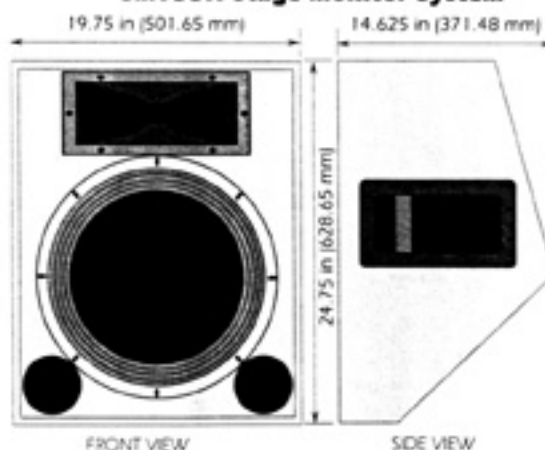
SM222J Stage Monitor System



SM202H Stage Monitor System



SM155H Stage Monitor System



SM122H Stage Monitor System

