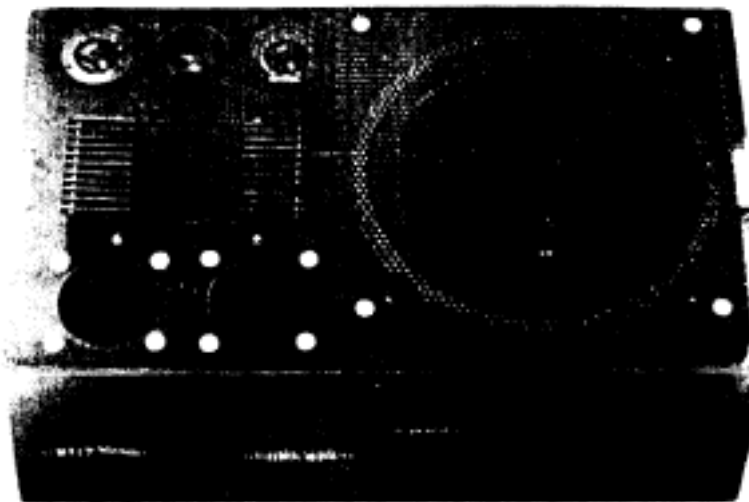
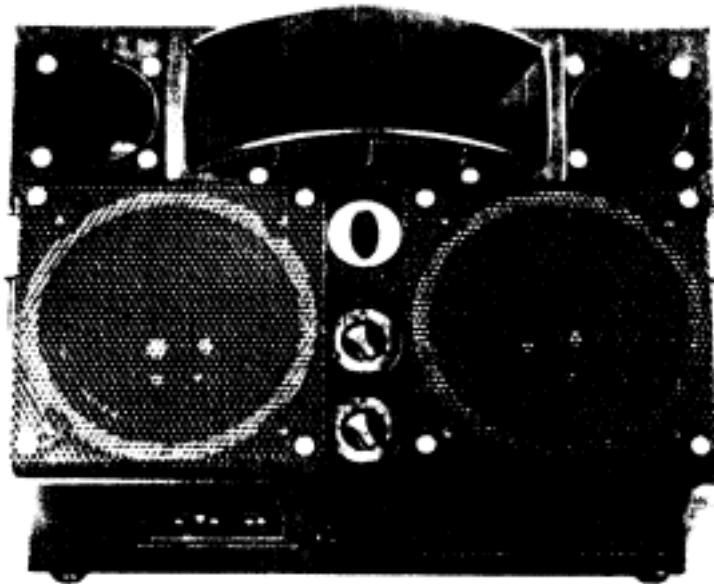


SM-152i-CT and SM-600-CT

High Output Stage Monitor Systems



The SM-152i-CT and SM-600-CT are designed to be the finest loudspeakers available for applications requiring high output, high definition stage foldback in a package capable of with standing continuous road transport abuse without modification or repair. The development of these systems took into account the popularity of slant type configurations and with additional engineering touches provide excellent overall performance. These units are constructed to the highest standards in the EAW product line and are members of our special duty, touring sound product group. This includes all cross-grain laminated birch hardwood construction and full road hardware including heavy gauge steel corners and feet, recessed handles, perforated steel grill speaker protection and

Application

These high output monitors are intended to fulfill the requirements of stage foldback systems for versatile vocal and instrument reinforcement articulation with wide bandwidth and total field reliability. To achieve this level of performance we employ complex cross overs and large entry horns for use with large diaphragm compression drivers and interchangeable tuning assemblies. Careful engineering attention is paid to all details of construction. We bring all of EAW's experience to these units to make them the state of the art stage monitor series that they are.

SM-152i-CT

This is a refinement of the classic two-way sound

driver and large diameter diaphragm compression driver. This configuration has proven itself the cost effective answer to high output monitoring applications with many sound companies around the world. EAW has refined this classic with a number of improvements optimizing the system for maximally flat response and wider bandwidth. The two inch entry horn lens offers better dispersion than the small exponential horns typically used in small enclosures. The smoother response and wider dispersion of this design allows for improved coverage and more gain before feedback. When stage positioning calls for tight coverage due to spill problems, the lens can be easily removed for a very tight 45° conical dispersion. The interchangeable tuning assembly allows for optimum box/driver alignment with all commercially available high efficiency 15 inch drivers. This feature, unique to EAW, lets you make use of existing drivers and still maintain optimum low frequency performance. It also allows for future driver updating with ease while maintaining box alignment.

Options for the SM-152i-CT include a tweeter horn driver cutout and crossover, one inch entry horn lens, and passive 800 Hz crossover for full passive operation.

Physically the SM-152i-CT will sit at three angles for maximum versatility. Most angles provide excellent stage sight lines and this remarkable package requires very little floor space making it ideal for use in crowded stage applications.

SM-600-CT The SM-600-CT is designed to offer the highest output capabilities of any stage monitor system available. The low frequency section consists of two 12 inch drivers providing a sensitivity in the range of 100 to 104 dB SPL with one watt at one meter. The actual efficiency will depend on the drivers selected. At the recommended crossover frequency of 800 Hz the two inch entry exponential horn takes over with its nominal 90° by 40° coverage angle. This translates into a maximum output capability of 128 dB SPL at 1 m with two EAW/RCF LF-300-R bass drivers and a JBL 2441 high frequency driver. The unique interchangeable tuning system allows the SM-600-CT to work well with all high output 12 inch drivers. Optional features include tweeter crossover/cutout and passive crossover.



Eastern Acoustic Works, Inc.