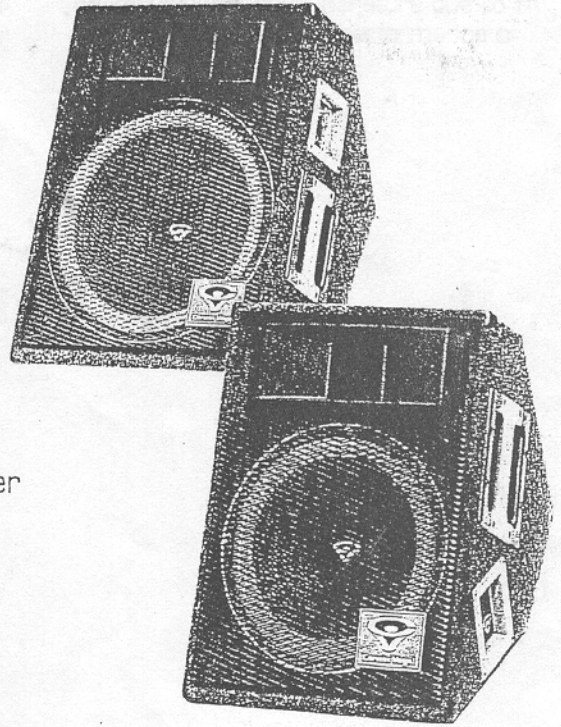


2-WAY 12" VOCAL SPOT MONITOR 2-WAY 15" STAGE MONITOR

▲ Features —

- ▲ 3 Angles for Application Versatility
- ▲ Vertical Component Alignment Reduces Feedback Due to Off-Axis Response Irregularities
- ▲ >120dB @ 4 Foot with Rated Input
- ▲ Controlled Bass Roll-Off for Natural Vocals
- ▲ H-25 Horn Tweeter with ABS Horn Flare for Wide Coverage
- ▲ HF Auto-Resetting Circuit Breaker



SM-12/15

The Cerwin-Vega SM-12 and SM-15 professional stage monitors have been designed to do one specific job: to allow performers to hear themselves in balance with the entire live musical program.

With the development of high powered professional sound equipment, it isn't unusual to find the sound reinforcement and musical instrument speakers developing sound pressure levels in excess of 115dB at the performer's ear. At those levels, a monitor must be capable of putting out sufficiently higher output if it is going to be heard over the musical instrument program. In short, a monitor not only has to be able to play loud, it has to be capable of playing louder at the performer's ear than all other speakers on stage combined.

That's why Cerwin-Vega has developed a new series of monitors which can cut cleanly through the highest concert sound levels.

Both monitors employ diecast aluminum frame woofers with high temperature voice-coil assemblies. The SM-12 vocal spot monitor uses C-V's high efficiency ER124 12" driver, while the higher output SM-15 utilizes the 3" voice-coil 153EV 15" driver.

Both systems employ our 120dB SPL H-25 high frequency compression driver/horn which develops high sound pressures in front of the monitor, while allowing off-axis response to slope uni-

formly. The H-25 features an oversize barium ferrite magnet driving a lightweight 1" phenolic dome and aluminum wire voice-coil assembly.

A notable feature of both monitors is their outstanding accuracy, as exemplified by flat frequency response with an absence of peaking in the midrange [resulting in improved resistance to feedback]. Unlike many competing units, vertical component alignment greatly reduces off-axis response irregularities which might also lead to feedback problems.

Bass response has been specifically tailored for accurate vocal reproduction and is essentially flat, with smooth and gradual rolloff [12dB/octave] below 100Hz.

Both monitors are capable of producing in excess of 120dB at one meter with their respective power handling inputs of 100 and 150 watts.

The SM-12 and SM-15 have both been designed with performer in mind. The cabinets are constructed of sturdy laminated plywood, and are finished in durable, roadworthy carpet. Recessed handles are supplied for ease of portability, and a heavy expanded steel grille prevents accidental damage to the drivers. The horn tweeters are fully protected with our exclusive auto-resetting circuit breakers against inadvertent overpowering. Dual 1/4" phone jacks allow for simple "daisy-chaining."

**PROFESSIONAL
SOUND
SYSTEMS**

FOR PROFESSIONAL AMBITIONS

The monitors may be placed with the front baffle in one of three positions relative to the floor for optimum versatility. The tilt angles are 20 degrees for short-throw standing foot monitoring, and also 45 and 55 degrees for medium throw, rear stage throw, and side-fill use.

The monitors may also be set on their sides on top of a musical instrument cabinet or other convenient surface. The low monitor silhouettes give maximum visibility of the performer to the audience, and their compact size takes up a minimum of space in a car or van.

Cerwin-Vega's dedication to product excellence routinely includes refinements in design, materials, and workmanship. This ongoing process may result in products which differ from those represented in our descriptive literature due to improvements in design, performance or both.

SM-12/SM-15 SPECIFICATIONS:



Model:	SM-12/SM-15
Useable Frequency Response:	50Hz — 16kHz
EIA Power Handling Capacity:	
SM-12:	100W
SM-15:	150W
1m SPL @ 1W:	
SM-12:	101dB
SM-15:	102dB
1m SPL @ Rated Input:	
SM-12:	120dB
SM-15:	123dB
Nominal Dispersion [H x V Degrees]:	60 x 60
Nominal Impedance:	8 ohms
Components:	
SM-12:	LF: [1] ER124, 12" Cone, 2" VC HF: [1] H-25 Compression Horn Tweeter
SM-15:	LF: [1] 153EV, 15" Cone, 3" VC HF: [1] H-25 Compression Horn Tweeter
Crossovers:	
SM-12:	2.5kHz 2-Pole HP
SM-15:	2.5kHz 3-Pole HP
Connections:	[2] 1/4" Phone Jacks
Enclosure:	Sealed, Direct-Radiating, Plywood
Finish & Features:	Indoor/Outdoor Carpet, Handle, Metal Corners, Metal Mesh Grille
Protection & Controls:	HF Auto-Resetting Circuit Breaker 3-Position Equalizer
Dimensions [H x W x D]:	
SM-12:	20 1/2" x 14 3/4" x 12"
SM-15:	20-1/4" x 19-1/4" x 12"
Gross Weight [Packed]:	
SM-12:	61 lbs. [Packed In Pairs]
SM-15:	70 lbs.



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the mid-bass region. Recommended for electric groups in lounges, small clubs, rehearsal halls, and conveniently sized to fit in vans and wagons. May be stacked horn-to-horn for longer throws and combined with the B-119 for greater bass output.

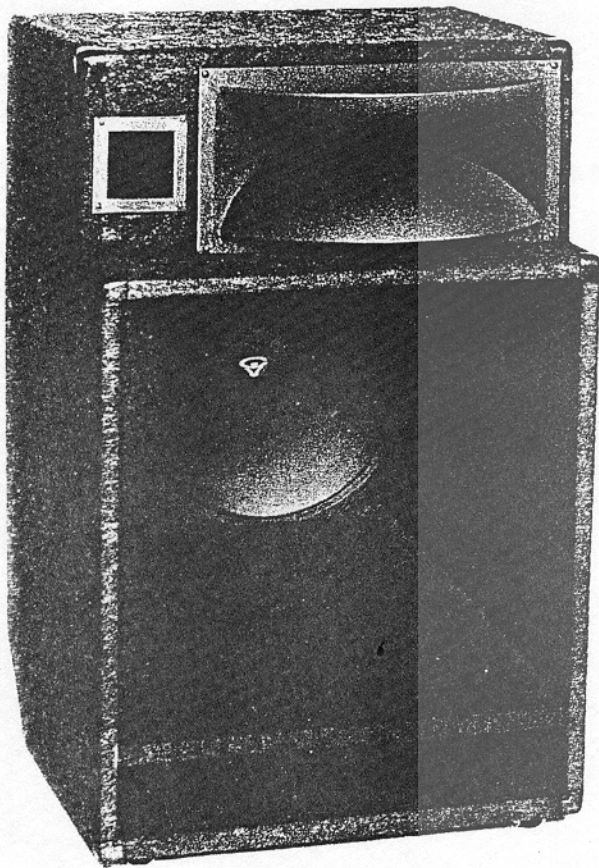
V-37B: A powerful 2-way system consisting of a direct-radiating 188EB 18" woofer and the JMH-1 aluminum diaphragm compression driver (with edgewound aluminum wire voice-coil and elastomer surround). The system is highly efficient and provides excellent power handling capacity. Designed for all-purpose sound reinforcement and recorded music playback, indoors or out, and can be stacked for longer throws. High frequency output or dispersion can be enhanced by the RMH-1000 and bass response increased by adding the B-36A or L-36.

V-35B: C-V's most powerful single cabinet P.A. speaker and is portable with handles and wheels. The system incorporates the unique 188EB 18" woofer in a directional baffle, the MH-100 compression driver mounted on a 90° × 45° radial horn and the H-25 compression driver/horn for high frequency response to 15kHz. Ideal for on-stage high power synthesizer and keyboard applications where projection, clarity, and wide range response is required. Suited for use in monitoring, sound reinforcement and music reproduction in larger lounges and clubs.

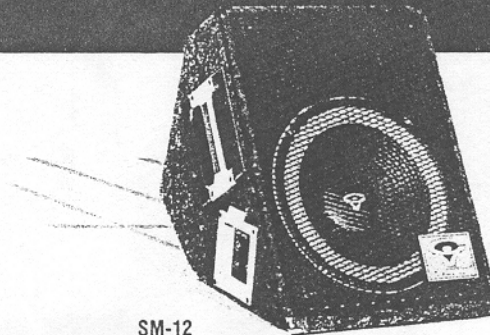
SM-12/SM-15: These 2-way floor monitors combine accuracy, compact size and efficiency. The SM-12 vocal spot monitor uses the ER124 high-efficiency 12" driver while the higher output SM-15 has the 153EV 15" driver with 3" voice-coil. Both systems employ the 120dB SPL

H-25 high frequency compression driver and horn. The monitors most notable feature is their accuracy with no peaking in the midrange to cause feedback. The SM-12 is ideal as a compact vocal monitor while the SM-15 is required for the loudest performing environments. Both speakers have three angles for long throw to rear stage, high-intensity foot monitoring, and side-fill usage.

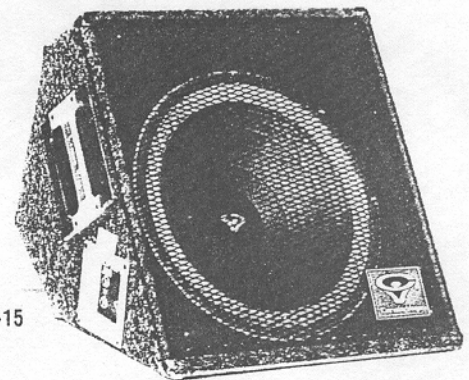
SMP: A dual 12" 2-way, biamp ready system for high intensity monitoring applications. Above 1.2kHz the SMP supplies point source highs for smooth off-axis response while the mid-bass region exhibits more controlled dispersion than a single woofer system, for high intelligibility and long throws under demanding conditions. The SMP utilizes the ER124 12" woofer and high-power MH-100 phenolic dome compression driver on a compact 90° × 45° radial horn.



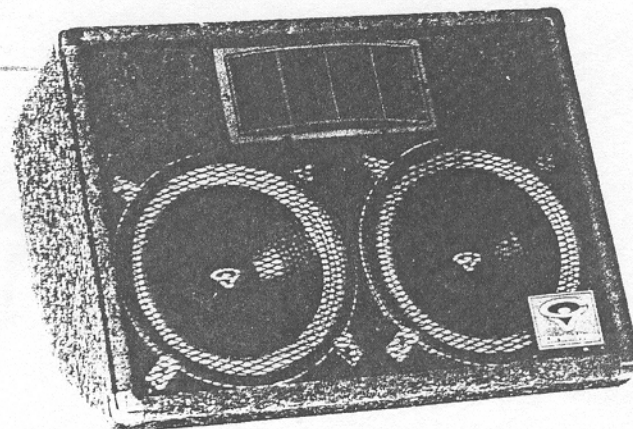
V-35B



SM-12



SM-15



SMP