

**INTRODUCING**  
**THE SOUND REPRODUCERS**  
**WITH**  
**DIRECTED DISPERSION**



**STARK DESIGNS COMPANY**

# STARK DESIGNS

## PRICE ADDENDUM

SR-1	\$180
SR-2	\$225
SR-3	\$270

PRICES LISTED ARE SUGGESTED RETAIL EACH EFFECTIVE 1/1/76  
OPTIONAL SYSTEMS ARE SHOWN WITH GRILLES REMOVED AND  
OPTIONAL FLOOR BASES WHICH ARE AVAILABLE AT \$45 A PAIR  
ADDITIONAL SCULPTURED GRILLES ARE AVAILABLE AT \$21 EACH

SCULPTURED FOAM GRILLES AVAILABLE IN CHAMSON RED  
BURNT ORANGE ULTRA BLUE  
BURNT UMBER HAVEN BLACK

AVAILABLE FINISHES ON THE  
SR-1 SR-2 SR-3 ENCLOSURES  
AND OPTIONAL FLOOR BASES  
OILED WOLNUT SATIN WHITE

SHOWN ON THE COVER IN OILED WOLNUT FROM LEFT TO RIGHT  
SR-1 CHAMSON RED SR-3 BURNT UMBER SR-2 BURNT UMBER

SHOWN ON THE COVER IN SATIN WHITE FROM LEFT TO RIGHT  
SR-1 ULTRA BLUE SR-3 BURNT UMBER SR-2 HAVEN BLACK

STARK DESIGNS COMPANY is a new company formed by designers, engineers, and craftsmen determined to introduce innovative new products uncompromised in performance, versatility, reliability, quality, and design integrity.

An exciting visual identity was achieved by our designers through the use of bold design themes such as deeply sculptured foam grilles, refined control modules, and distinctive accent lines. These lines and forms were combined to create a distinguished aesthetic balance. Our engineers attained a high degree of accuracy in sound reproduction through the innovation of controlling dispersion to provide the versatility needed to function efficiently in today's listening environments. Flawless construction and attention to detail express the artistic ability of our craftsmen to faithfully execute this combination of form and function. Only the finest materials and components are processed with the most efficient and up to date production methods.

## 3 YEAR WARRANTY

EVERY STARK DESIGNS COMPANY LOUSPEAKER SYSTEM is fully guaranteed against defects in material and workmanship for a period of three years from date of original purchase, regardless of change in ownership. This warranty provides for repair of the unit, including parts and labor, at no charge to the consumer.

The unit must be shipped, fully insured freight prepaid, or delivered to the factory. The return of the unit to the consumer will be paid for by the factory.

Unauthorized repair or modifications, abuse or misuse, power input exceeding specified limits, accident, or alteration of serial number will void this warranty.

Units required under this warranty carry only the unexpired portion of the original warranty.

STARK DESIGNS COMPANY reserves the right to modify or change the equipment, in whole or in part, in order to include electrical or mechanical improvements, without incurring any liability to modify or change any equipment previously delivered, or to supply new equipment in accordance with earlier specifications.

## SR-1



\$165

THE SOUND REPRODUCERS are essentially a line of loudspeaker systems incorporating many widely accepted concepts and techniques used throughout the industry. Based on the acoustic suspension principle, these three-way systems provide a wide and uniform energy response. The SR-1 is a three element system in which the low frequencies are provided by a low mass, 10-inch driver with a 3-pound magnetic assembly and a 1-inch voice coil. The deeply drawn frame and highly flexible butyl rubber surround allow long excursions. At 4500 Hz the 5-inch midrange is activated and handles frequencies up to 4500 Hz. This transducer has a 1-inch voice coil suspended in a 1.75-pound magnetic assembly by a high compliance half roll linear surround. This unit is acoustically suspended within it's own chamber and it's output is critically damped to optimize it's natural response characteristics. This woofer and midrange have been accurately matched to the high frequency dispersion module by our frequency crossover network.

## SR-1 SPECIFICATIONS

SYSTEM COMPONENTS	
Low Frequency	10 Inch (25.4 cm) Cone
Mid Frequency	5 Inch (12.7 cm) Cone
High Frequency	1 Inch ( 2.5 cm) Dome
Crossover Frequencies	450 Hz and 4500 Hz
Minimum Amplifier Power	10 Watts RMS
Continuous Power Capacity	40 Watts RMS
Intermittent Power Capacity	80 Watts RMS
Nominal Impedance	8 Ohms
DIMENSIONS	
Height	24 Inches (61 cm)
Width	15 Inches (38 cm)
Depth without Grille	10.75 Inches (27 cm)
Depth with Grille	11.50 Inches (29 cm)
Shipping Weight	42 lbs (19 kg)
OPTIONAL FLOOR BASE	
Height	2.75 Inches ( 7 cm)
Width	13.50 Inches (34 cm)
Depth	10.00 Inches (25 cm)
Shipping Weight	11 lbs ( 5 kg)

## SR-2



\$195

THE FREQUENCY DIVIDING NETWORK utilized in all three systems maintains exceptional response across the transition frequencies. 12dB per octave circuitry provides sharp roll-off characteristics which assure minimum overlap of transducer output. This circuitry is seldom used by other manufacturers due to the relatively high cost of the components necessary to construct this electronic unit. The SR-2 realizes increased low frequency response with the use of a specially designed 12-inch long-throw dynamic driver. Increased power handling capacity is made possible by a 6-pound magnetic structure and large ficonal magnet precisely machined to align the 2-inch voice coil for optimum performance during high power application. To accommodate this larger driver the cabinet depth was increased over that of the SR-1 to meet internal volume requirements. This low frequency unit is coupled with our distortion free midrange driver and high frequency dispersion module to achieve a total sonic character.

## SR-2 SPECIFICATIONS

SYSTEM COMPONENTS	
Low Frequency	12 Inch (30.5 cm) Cone
Mid Frequency	5 Inch (12.7 cm) Cone
High Frequency	1 Inch ( 2.5 cm) Dome
Crossover Frequencies	450 Hz and 4500 Hz
Minimum Amplifier Power	12 Watts RMS
Continuous Power Capacity	50 Watts RMS
Intermittent Power Capacity	100 Watts RMS
Nominal Impedance	8 Ohms
DIMENSIONS	
Height	24 Inches ( 61 cm)
Width	15 Inches (38 cm)
Depth without Grille	13 Inches (33 cm)
Depth with Grille	13.75 Inches (35 cm)
Shipping Weight	48 lbs (22 kg)
OPTIONAL FLOOR BASE	
Height	2.75 Inches ( 7 cm)
Width	13.50 Inches (34 cm)
Depth	12.25 Inches (31 cm)
Shipping Weight	12 lbs (5.5 kg)

## SR-3



\$240

THE SOUND REPRODUCERS offer in the top-of-the-line model, the SR-3, two additional drivers to provide added dispersion. The five element system has 50% rear dispersion above 450 Hz, due to the midrange and high frequency units mounted on the rear panel of the cabinet. The characteristics of this combination of directed/reflected dispersion lend themselves especially well to a listening position situated directly between the loudspeaker systems. The enclosures are rigidly constructed of high density panels 1 inch thick for the mounting of all sound producing components, with all the remaining panels being .75 inches in thickness. The interior of the cabinet is lined with 1 inch thick fiberglass damping material. Conventionally mounted behind the removable grille in all three systems are two continuously variable constant impedance midrange and tweeter controls. On the back panel of each system a pair of color coded 5-way input terminal jacks is provided for maximum ease of connection.

## SR-3 SPECIFICATIONS

SYSTEM COMPONENTS	
Low Frequency	12 Inch (30.5 cm) Cone
Mid Frequency	Two 5 Inch (12.7 cm) Cone
High Frequency	Two 1 Inch ( 2.5 cm) Dome
Crossover Frequencies	450 Hz and 4500 Hz
Minimum Amplifier Power	15 Watts RMS
Continuous Power Capacity	60 Watts RMS
Intermittent Power Capacity	120 Watts RMS
Nominal Impedance	8 Ohms
DIMENSIONS	
Height	24 Inches (61 cm)
Width	18.50 Inches (42 cm)
Depth without Grille	13 Inches (33 cm)
Depth with Grille	13.75 Inches (35 cm)
Shipping Weight	57 lbs (26 kg)
OPTIONAL FLOOR BASE	
Height	2.75 Inches ( 7 cm)
Width	15.00 Inches (38 cm)
Depth	12.25 Inches (31 cm)
Shipping Weight	14 lbs (6.3 kg)

# THE DIRECTED DISPERSION CONCEPT

Our designers and engineers, being aware of the needed versatility to adapt a speaker system to today's listening environments, have developed a new concept in transducer application. With the goal of achieving a significant degree of control of dispersion patterns, we have accomplished precise localization of sound sources while retaining the natural ambience and overall presence of the program material. After extensively testing and evaluating various types of high frequency drivers, a highly efficient 1-inch hemispherical dome radiator was selected for its excellent wide and uniform dispersion. This unit has a sealed back and a 1-pound magnetic assembly with a unique centering device for the 1-inch voice coil. The polar diagram illustrates the 120° dispersion characteristics which maintain a uniform energy level. This dome radiator is mounted at a precisely determined angular offset in a concave hemispherical module. This module is mounted in its own isolation chamber which permits 360° rotation by the user. It is this electro-mechanical design configuration which met the parameters set forth by our engineers. We termed this unique development DIRECTED DISPERSION.



POLAR DIAGRAM AT 12000 HZ

This revolutionary new device ends the dilemma of choosing between highly directional systems which limit dispersion and omnidirectional systems which limit definition. The DIRECTED DISPERSION concept allows the user to choose the desired ratio of direct to reflected sound. Simply removing the foam grille panel provides easy access to the rotatable high frequency dispersion module. This added versatility brings out the realistic spaciousness of large sound sources without making a soloist appear to be stretched. The user will also find that he is not confined to any particular location in the listening area in order to have optimum balance and separation of program material. It is this exclusive development

along with the practical application of loudspeaker technology which results in uncompromised acoustical performance. The accurate acoustical matching of the DIRECTED DISPERSION high frequency module with our wide angle dispersion midrange transducer and non-directional low frequency driver make possible an unusually linear energy response on or off axis with impressively low distortion. This high degree of performance is present in all STARK DESIGNS COMPANY SOUND REPRODUCERS.

ROTATABLE MODULE

SHOWN ACTUAL SIZE

