

through the **MIRACLE** of multi-flare

A New Conception **of HIGH FIDELITY**

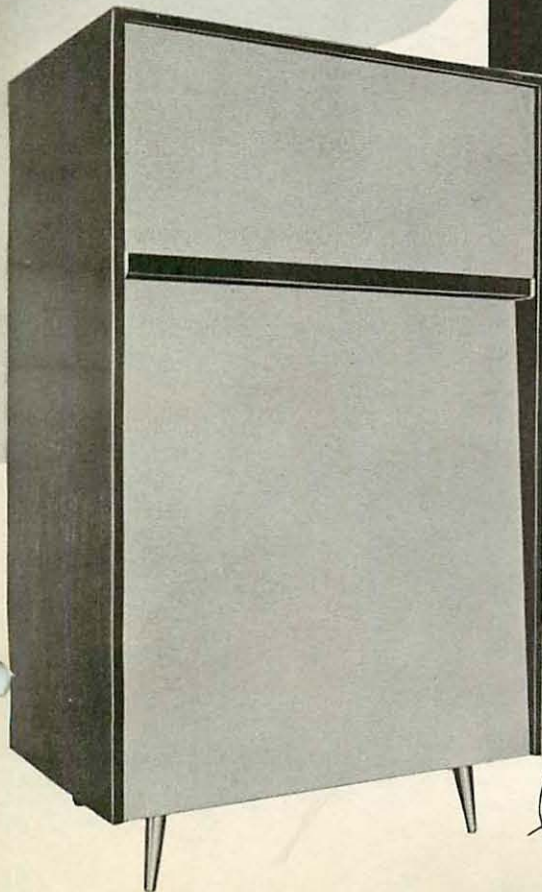
Sound is a three dimensional audio vibration occurring along a time axis (a fourth dimension). Through the **MIRACLE OF MULTI-FLARE**, you can hear . . . for the first time . . . sounds reproduced as they originally occurred, in their proper time sequence. To hear a **STAN WHITE** speaker is to understand the true meaning of **HIGH FIDELITY**.

Four years ago, Stan White introduced the first multi-flare horn-loaded cabinets to high fidelity. These cabinet speakers created a sensation among audiophiles everywhere, but only a limited number were available. Now, these new improved multi-flare horns are available in every price range. To really understand the importance of horn loading in loud speakers one must know the following facts: As electrical transformers change voltages and thereby electrical current, acoustical transformers (exponential horns) change air pressures and accordingly, "volume current of air." To produce loud sounds (particularly at low frequencies), large volumes of air must be moved. Ordinary speakers simply cannot do this, and resonant chambers (while moving a certain amount of air), are highly selective as to frequency and the resulting response is not smooth. An exponential horn is the finest acoustic device known for transforming high pressures and low volume current (at speaker) to low pressures and large volume current (at mouth of horn). A multi-flare horn does this efficiently and yet, by decreasing the actual horn length, can employ a smaller cabinet for a given size horn. This is why Stan White systems are unsurpassed and can offer far more performance at lower cost.

Presenting

the Ultimate . . . the 4-D

A multi-flare speaker system without a peer. For those who must have the absolute best . . . audio reproduction developed to its highest degree of excellence.



Stan White Inc. has become the foremost company in the field producing multi-flare horn systems. The present degree of excellence has been achieved through years of research and experimentation in multi-flare horn design. No other horn systems are built to the rigid specifications necessary to achieve the "Miracle of Multi-Flare" found in Stan White cabinet speakers. Enthusiastically recommended by electronics engineers, music authorities, stars of stage and screen and many celebrated recording artists.

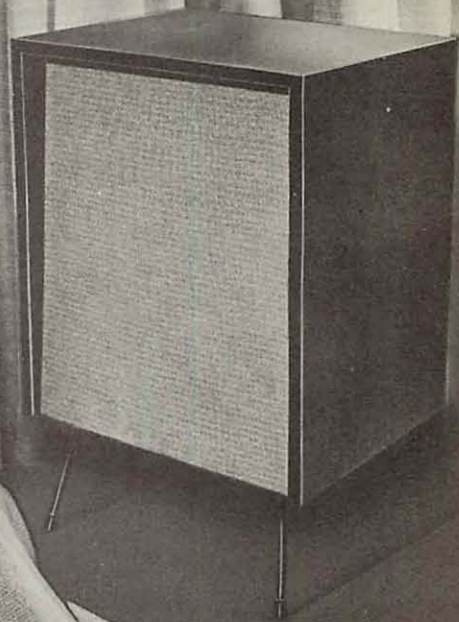
Stan White **INC.**

Le Sabre

Model 2415. An apartment sized multi-flare horn system of distinctive quality. A petite model beautifully styled. Affectionately known as the "Little Monster", it out-performs systems many times its size and weight. The bass horn has an equivalent axial length of 8 feet and a mouth diameter of three and one-half square feet. The mouth area can be increased substantially by proper room placement. The bass horn actuates from 50 to 150 cycles. The middle range is reproduced by an eight inch speaker (150 to 2000 cycles). The high frequencies (2000 to 18,000 cycles) are radiated from a five inch tweeter.

• Components: 12 watt eight inch bass driver with 10 oz. magnet and 5 watt, 5 inch tweeter and crossover network. • Peak power handling capacity: 14 watts. • Impedance: 8 ohms. • Cabinets: Blonde Korina, Walnut, Red Mahogany and Ebony. Hand rubbed lacquer finish. • Dimensions: 24 x 15-1/2 x 12 inches.

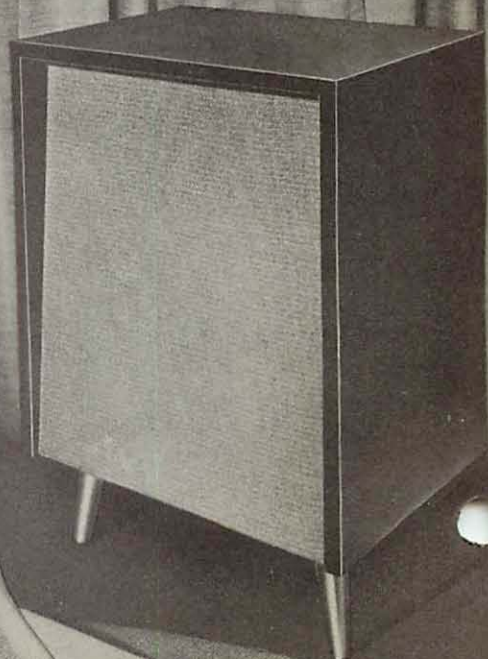
Shipping weight: \$69⁵⁰
22 lbs. Net.....



THE Opus I

Model 3020. A multi-flare horn cabinet of robust stature. The bass horn (40 to 150 cycles) has an equivalent axial length of 12 feet. The mouth diameter of this horn is 5 square feet and can be increased substantially by proper room placement. The middle frequencies (150 to 2000 cycles) are handled by a new Stan White Speaker with a 10 oz. magnet. The high frequencies (2000 to 18,000 cycles) are handled by a cone type tweeter.

Components: One eight inch 12 watt bass driver (30 to 2000 cycles). One high frequency 5 watt, 5 inch tweeter (2000 to 18,000 cycles) and crossover network. Peak power handling capacity: 15 watts. Impedance: 8 ohms. Cabinets: Blonde Korina, Walnut, Red Mahogany and Ebony. Hand rubbed lacquer finish. Satin finish brass legs. Dimensions: 30 x 20 x 15 inches. Shipping weight: 50 lbs. Net..... 99⁵⁰



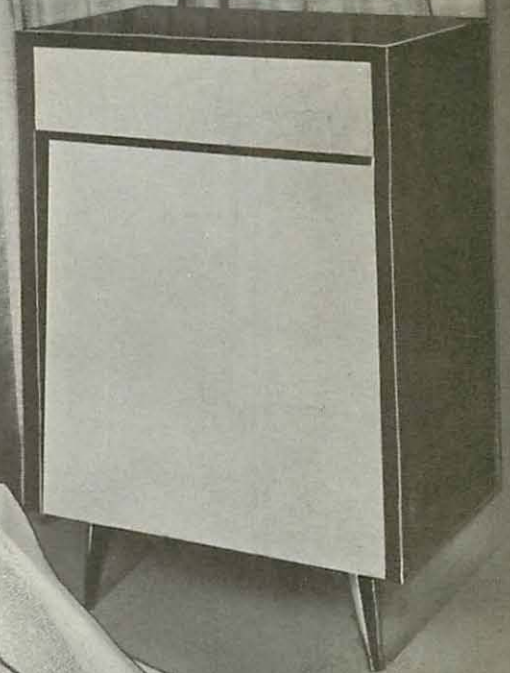
All Stan White Cabinet Speakers are back loaded multi-flare horn systems with the speakers and cabinets designed as matched units. The multi-flare horns are curled into the cabinet within 1% of a special horn formula. The cabinets or speakers are not sold separately.

Multi-flare exponential horn speakers

THE *Esquire*

Model 3424 A. A deluxe three way multi-flare horn system of unusual quality. The bass horn (30-150 cycles) has an equivalent axial length of 15 feet. Mouth diameter is six square feet and can be increased substantially by proper room placement. Middle frequencies (150-2000 cycles) are handled by two eight inch speakers placed on each side of the cabinet, with a phase shift network for simulated three dimensional effect. High frequencies (2000-18,000 cycles) have multi-flare horn with an axial length of 32 inches and mouth opening of eighty-eight square inches. The frequency response is substantially flat from 30 to 18,000 cycles. The feeling of a large sound source is created by the non-resonant bass horn and electrical phase shift network. The clarity and smoothness are the result of unique phasing chambers and heavy air loading of the diaphragms.

• Components: 2 eight inch 12 watt bass drivers (30-2000 cycles). • 1 high frequency 5 watt horn driver. 2000-18,000 cycles). Capacity: 30 watts. Impedance: 16 ohms. Cabinets: Blonde Korina, Walnut, Red Mahogany and Ebony. Three coats of lacquer, hand rubbed to a lustrous finish. Satin finished brass legs. • Dimensions: 36 x 24 x 16 inches. • Shipping weight: 65 lbs. Net..... **\$199⁵⁰**

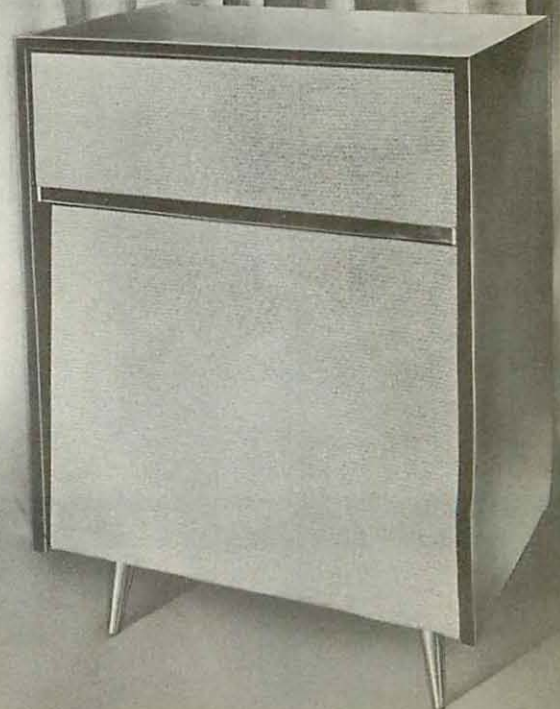


THE *Hi-Fi*

Model 4330. A complex multi-flare horn system with four separate drivers. Bass horn (30 to 150 cycles) has equivalent length of 14 feet. Mouth area is seven square feet and can be substantially increased with proper room placement. Lower middle frequencies are handled by two eight inch speakers, (150 to 600 cycles) located on each side of cabinet, with a phase shift network between the speakers to give a simulated three dimensional effect. Higher middle frequencies are handled by a multi-flare horn (600 to 3000 cycles) with an equivalent axial length of six feet. The high frequencies (3000 to 18,000 cycles) are handled by multiple flare horn with an equivalent axial length of four feet. The frequency response is substantially flat from 30 to 18,000 cycles.

Components: 2 eight inch 14 watt speakers. 1 mid-range 30 watt horn driver. 1 high frequency 5 watt horn driver. Peak power handling capacity: 40 watts. Impedance of system: 16 ohms. Cabinets: Blonde Korina, Walnut, Red Mahogany and Ebony. Three coats of lacquer hand rubbed to a lustrous finish. Satin finished brass legs. Dimensions: 43 x 30 x 20 inches.

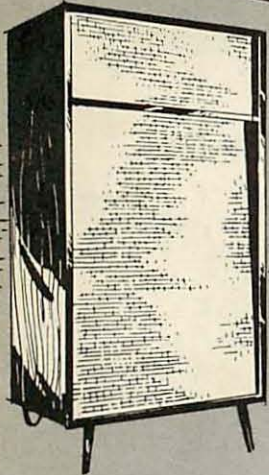
Shipping weight: 150 lbs. Net..... **339⁵⁰**



Stan White PRESENTS

THE 4-D SERIES

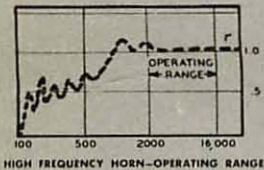
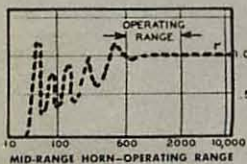
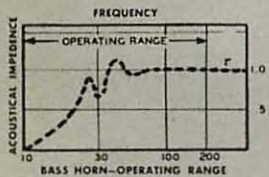
THE *Millennium*



A four way multi-flare horn system of unusual power and perfection featuring for the first time music in full perspective. Bass horn has equivalent length of 17 feet axial length. Mouth area of horn is eight square feet which can be greatly increased by proper room placement. Flare cut-off is 15 cycles. Mid-range horn has an equivalent axial length of 17 feet, diameter of horn mouth is 34½ inches by 11 inches. Flare cut-off is 50 cycles. Horn actuates from 400 to 1500 cycles. High frequency horn has equivalent of five feet axial length, actuating from 1500 to 18,000 cycles.

Components: 1 fifteen inch bass driver (15 to 400 cycles). 1 mid-range 30 watt horn driver (400 to 1500 cycles). 1 high frequency 25 watt horn driver (1500 to 18,000 cycles). Peak power handling capacity: 60 watts. Impedance: 16 Ohms. Cabinets: All cabinets are formica finished to any formica sample furnished. Dimensions: 61 x 36 x 24 inches.

Shipping weight: 350 lbs. Net..... **1000⁰⁰**



THE 4-D

A six way system that words cannot describe. Provides new 4 dimensional sound with tremendous power and clarity. Designed for unusually large rooms. Will outperform any system at any price.

Components: Horns, horns, and more horns. Peak power handling capacity: 120 watts. Impedance: 8 ohms. Dimensions: 67 x 40 x 24 inches. Cabinets: All cabinets are formica finished to any formica sample furnished.

Shipping weight: 400 lbs. Net..... **1500⁰⁰**

All prices F.O.B. Chicago

THE *General* . . . "it speaks with authority"

A theatre system designed to compensate for theatre screens. A model also available for large auditoriums but without the special compensation for screen absorption. Cabinets: Industrial finish. Dimensions: 8 x 4 x 3 feet.

Shipping weight: 700 lbs. Net..... **2400⁰⁰**

Stan White INC.

725 South La Salle Street • Chicago 5, Illinois

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