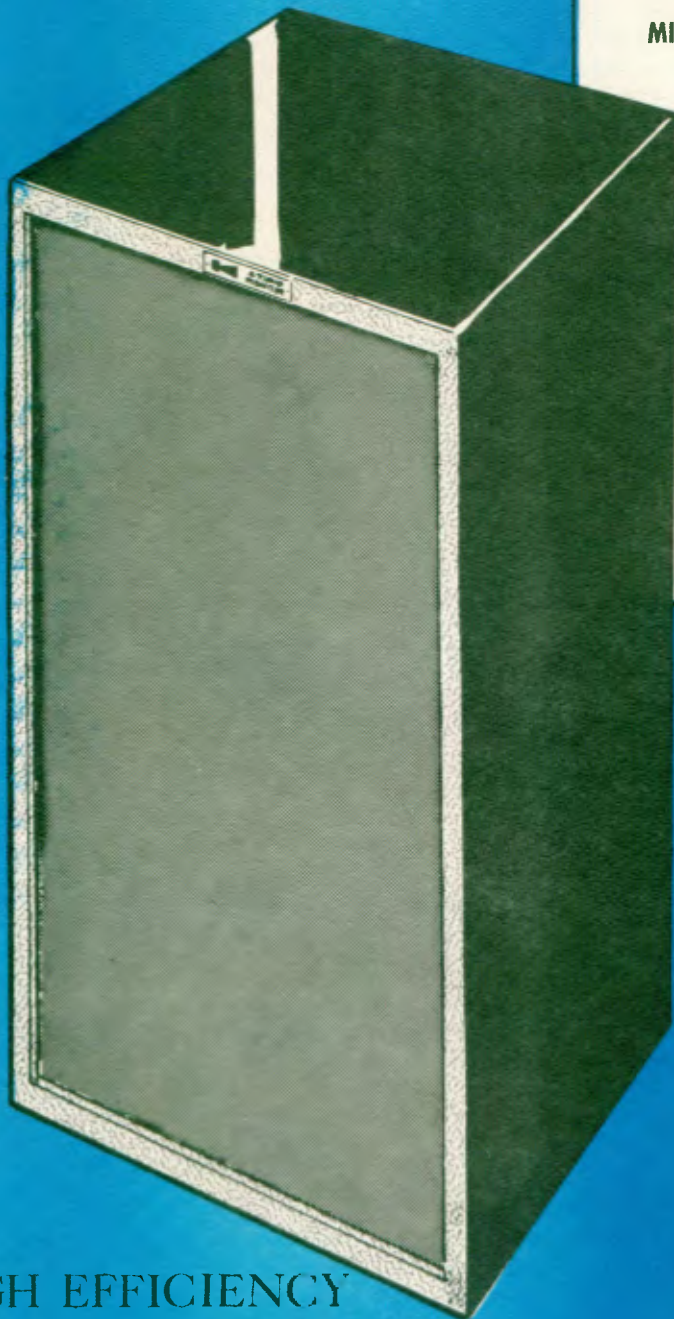




THREE WAY BASS REFLEX SYSTEM

STUDIO MONITOR



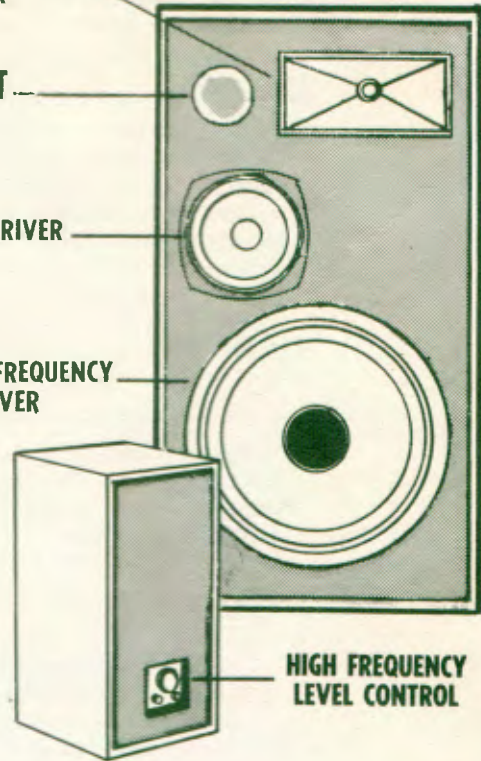
HIGH COMPRESSION
TWEETER

PORT

MID-RANGE DRIVER

12" LOW FREQUENCY
DRIVER

HIGH FREQUENCY
LEVEL CONTROL



HIGH EFFICIENCY
HIGH POWER CAPACITY
FOR STUDIO OR HOME USE
ALSO AVAILABLE IN WALNUT



**ROGERSOUND
LAB**



Rogersound Laboratories

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The RSL Studio Monitor was designed primarily for studio use which also makes it an excellent speaker for the home. The RSL Studio Monitor has two qualities which make it in demand for studio engineers as well as audiophiles. Those are extremely lifelike sound reproduction and high power handling capabilities. In short the RSL Studio Monitor is made to take it . . . for years. It's low price will amaze you. Compare it to other studio monitors that cost nearly three times as much and do not perform as well.

WOOFER

This is a specially constructed extended-range loudspeaker engineered to meet specific requirements for high efficiency, power-handling capacity, good transient response, and low distortion. The highly compliant treated cloth surround and long-throw voice coil combine to produce a free-air cone resonance of around twenty-five Hertz, and the use of a massive six-pound Alnico V magnet structure greatly increases bass efficiency. The unusual ruggedness of this twelve-inch driver ensures long life under the often severe peak loads imposed upon a low-frequency speaker in a system of this type.

MIDRANGE

This is a five-inch sealed-back unit containing a three-quarter-inch voice coil, ten ounce alnico magnet, and a specially treated cloth surround in a "rolled edge" configuration. The Studio Monitor mid-range speaker adds impact and clarity to music in its frequency band without creating undue harshness or coloration.

TWEETER

The high-frequency transducer used in the RSL Studio Monitor contains a one-inch-diameter plastic-impregnated diaphragm coupled through a cast aluminum turbulence chamber to a four-and-one-half-inch exponential horn. This design is noted for smooth accurate reproduction of sound in fact responds well beyond twenty thousand Hertz.

CROSSOVER NETWORK

The RSL Studio Monitor contains a parallel-connected quarter-section three-way frequency dividing network. Level controls are incorporated in both the mid-range and high-frequency circuitry so as to permit variation of relative sound level over a range wide enough to suit virtually any listening taste. The network contains heavy-duty custom-wound air-core chokes and low-loss Military-type oil-filled capacitors. Input as on all RSL speaker systems are fused for greater protection, and external connections are made to spring-loaded push-type contacts.

CABINETRY

Cabinetwork is three-quarter-inch construction throughout. Close attention is paid during assembly to cabinet sealing and panel fit, and the end result is not only functionally handsome but acoustically superior. The enclosure is a ducted port bass reflex design in order to properly load the woofer at frequencies below one hundred Hertz.

SPECIFICATIONS

Nominal Frequency Response: 40-16 KHZ \pm 3db
Impedance: 8 Ohms
Power Capacity: 65 Watts RMS
Crossover Frequencies: 800, 5000 Hertz
Shipping Weight: 45 pounds
Dimensions: 25"H x 14½"W x 12"D

All RSL loudspeaker systems carry a full five-year warranty against defects in materials and workmanship. As part of a continuing effort to improve our product we reserve the right to make running changes in specifications, prices, and appearance as we deem necessary.