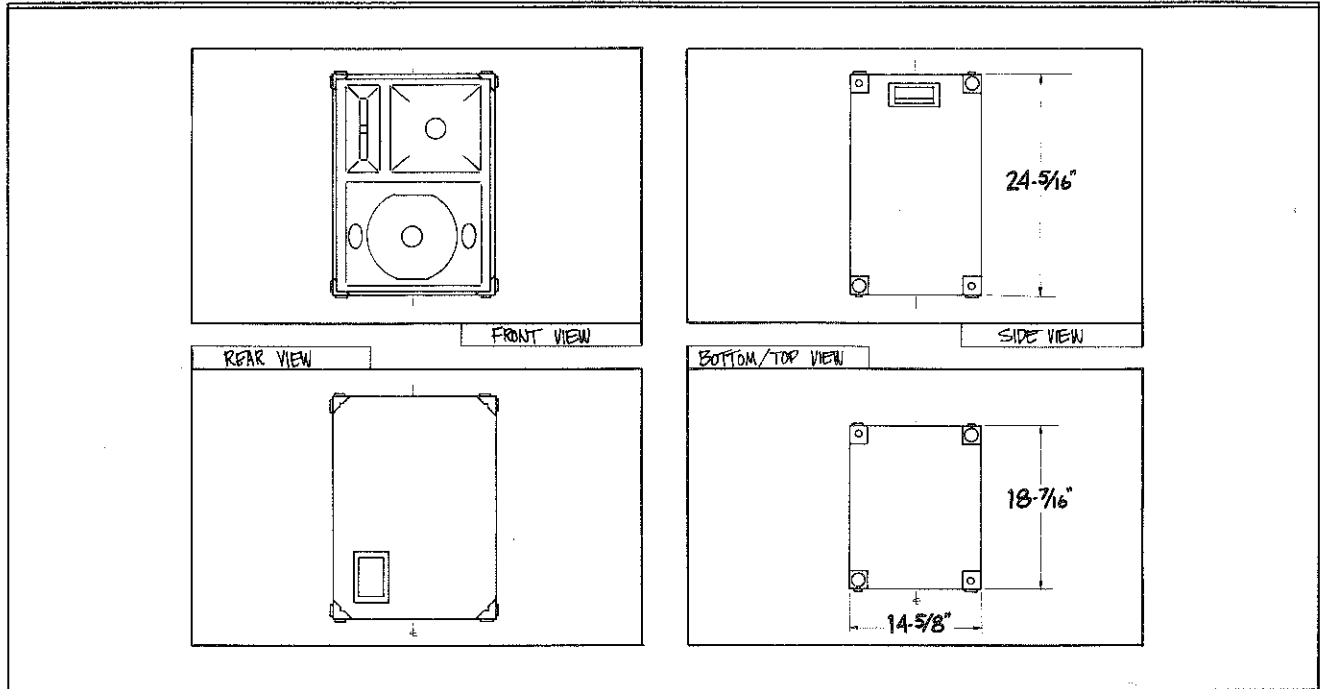


# Community

## FACT SHEET RS320 COMPACT 3-WAY LOUDSPEAKER SYSTEM



### 3-WAY THE RIGHT WAY

Most 3-way systems are really 2-way systems with super-tweeters added, almost as an after-thought. We designed the RS320 the right way -- it's a true 3-way, from the ground up.

### The Components

The RS320 started with a high-performance midrange driver, designed and manufactured right here in our Chester, Pennsylvania factory. We added a "constant-directivity" type midrange horn, a high-power 12" woofer and not one, but two, super-tweeters, with their own constant-directivity horn.

### The Fiberglass Faceplate

We mold the RS320's faceplate in one piece from hand-laid, balsareinforced gloss black fiberglass. This technique reduces unwanted en-

sure resonances and gives the RS320 its unique coordinated appearance.

### The Enclosure

The RS320's attractive plywood enclosure includes a tough spackle finish plus eight stacking corners and two pocket handles.

### The Equalizer

Our model RS320 EQ low-level equalizer connects between your mixer and power amplifier to improve the RS320's low and high-frequency performance and help protect the RS320 against excessive low-frequency amplifier power. Unlike competitive systems, the RS320 can be used without its (optional) equalizer by simply throwing a switch on the crossover panel.

Continued on reverse side.

### The Auxiliary Woofer

The optional VB990 is an Auxiliary Woofer system in a vented enclosure with an "exponential coupler". The VB990 is designed to improve the RS320's low-frequency capabilities in a "same-size" enclosure.

### The Grille

Our "Grille 30" option permits you to hide the RS320's loudspeakers in an appearance-sensitive installation.

### The Applications

These great features suit the RS320 to a wide variety of permanent or portable sound reinforcement systems, stage monitor or keyboard monitor systems or playback-only systems.

### The Sound

Add the dynamic range of a horn-loaded system to the smooth response of a three-way and the off-axis consistency of constant-directivity. What you get is sound quality that puts the competition to shame!

### VERSIONS

#### RS320 (Complete Version)

A complete RS320, factory assembled and tested in its plywood enclosure with corners and handles.

#### RS320 KIT-1

RS320 faceplate with crossover, 12" woofer, midrange driver and tweeters but no enclosure. Enclosure plans on request.

#### RS320 KIT-2

RS320 faceplate with crossover, midrange driver and tweeters but no enclosure and no 12" woofer. Enclosure plans on request.

### RS320 SPECIFICATIONS

#### Frequency Range

60 Hz to 18k Hz.

#### Power Handling

At least 150 watts continuous pink noise from 60 Hz to 18k Hz. 300 watts program power.

#### Sensitivity With RS320-EQ

104 dB, 1-meter/1-watt, 400 Hz to 4k Hz; 97.5 dB, 1-meter/1-watt, 60 Hz to 18k Hz

#### Sensitivity Without RS320-EQ

(xover pad switch in "in" position)

101 dB, 1-meter/1-watt, 400 Hz to 4k Hz; 98.5dB, 1-meter/1-watt, 60 Hz to 18k Hz

#### Coverage Pattern

90°x40° through the speech frequency and high-frequency range.

#### Impedance

8-ohms nominal, 4-ohms minimum at 13k Hz.

#### Crossover Frequencies

450 Hz and 3000 Hz.

#### Dimensions

See dimensional drawing.

#### Weight (may be shipped UPS)

49 pounds (22.3 kg)

Measured Object RS320/VB990 SYSTEMS Test Procedure \_\_\_\_\_  
Measurement Scale \_\_\_\_\_ Date 4/1/83 Initials JTW  
Notes: Calibration: 2V at 400Hz, half space response, 1M to enclosure face  
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