



*The Mark of the professional...*

## FOREGROUND CEILING SPEAKER SYSTEM



**Davis Model CSS-50**

### FEATURES

- Foreground speaker system with fully enclosed, two-way bass reflex design.
- Easily flush mounts in drop ceiling.
- 8 Ohm impedance (Optional 70V and 25V transformers available.)
- 50 watt continuous power handling.
- Broad 130° dispersion angle reduces number of speakers required
- Eye bolts provided for special rigging applications
- Shallow 6" installation depth
- Removable white cloth grille.

### DESCRIPTION

The J.W. Davis CSS-50 ceiling speaker system offers full range performance while discreetly installed in a standard 2' x 2' drop ceiling grid. The two-way, bass reflex design provides a smooth 45Hz to 20kHz frequency response along with exceptional sensitivity (92dB 1w/1m). A 50-watt continuous power rating assures strong foreground capability, while the 130° sound dispersion furthers economy by providing complete coverage with fewer speakers.

Concealed within the ceiling, and requiring only 5 $\frac{3}{8}$ " depth, the CSS-50 is ideal for executive offices, banquet halls, lounges or anywhere a ceiling grid is present. Its enclosed design also allows the CSS-50 to perform equally well in applications outside of the ceiling.

Complete installation hardware plus an extra 2' ceiling grid rail are included. The CSS-50E metal enclosures and the CSS-50J joist ceiling mount model are options.

090301115

NEW TECHNOLOGY



OLD RELIABILITY

*J.W. Davis & Company*

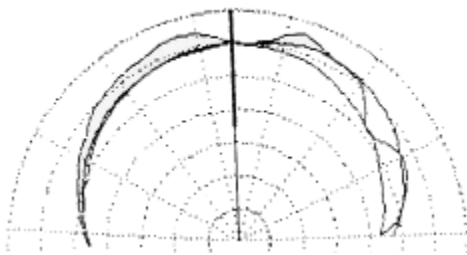
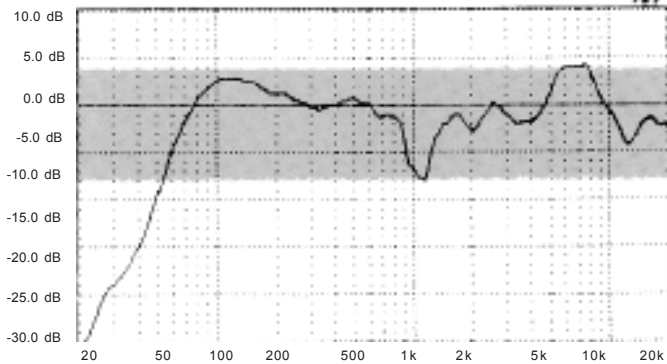
Sales 800-527-5705 • Sales Fax 800-388-9106 • Corp 214-651-7341 • Corp Fax 214-939-0328 • www.jwd.com • jwd@jwd.com

3030 Canton Street • P.O. Box 710219 • Dallas, Texas 75371-0219

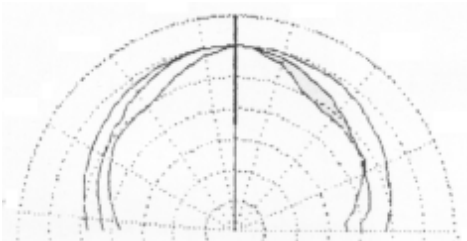


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### FREQUENCY RESPONSE



VERTICAL POLAR  
500, 1000, 3000 hZ  
TECHRON tef (R)



HORIZONTAL POLAR  
500, 1000, 3000 hZ  
TECHRON tef (R)

### SPECIFICATIONS

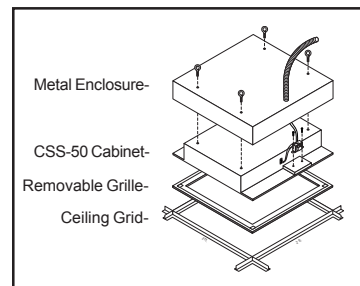
- Power Rating..... 50 watts continuous
- Drivers..... 8" woofer  
3 3/4" piezo tweeter
- Frequency Response..... 45Hz - 20kHz ± 5dB
- Impedance..... 8 ohms
- Sensitivity..... 92dB 1w/1m
- Dispersion..... at least 130° at all frequencies up to 4kHz
- Dimensions..... 23 5/8" H x 23 5/8" W x 5 3/8" D
- Installed weight..... 22 lbs.
- Shipping weight..... 26 lbs.

### Model CSS-50 Options

For installations in standard wooden ceilings, order model **CSS-50J** shown in the following photo. In these applications, the dimensions of the CSS-50 grille has been modified to fit between the ceiling joists. Otherwise, the CSS-50 specifications are identical.



For applications requiring a metal enclosure, the **CSS-50E** is available. This enclosure is constructed of 24 gauge galvanized steel with provisions for conduit installation and structural reinforcement recommended. The adjoining sketch shows the assembly procedure.



provisions for conduit installation and structural reinforcement recommended. The adjoining sketch shows the assembly procedure.

If higher power transformers are desired, the CSS-50 transformer mounting block is sufficiently large to accommodate these components and can be installed when ordered.

### ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The ceiling speaker system shall be a J.W. Davis model CSS-50 or equivalent. The unit shall incorporate a two-way, bass reflex design with a frequency response of 45Hz to 20kHz (+ 5dB) and a 92dB 1w/1m sensitivity. The unit shall exhibit a minimum dispersion angle of 130° at all frequencies up to 4kHz and have a 50 watt continuous power rating. The system shall employ an 8" woofer and a 3 3/4" piezo tweeter. The unit shall have a removable, white stretch cloth grill. The dimensions shall be 23 5/8" H x 23 5/8" W x 5 3/8" D so as to fit in a standard 2' x 2' ceiling tile opening. The installed weight shall not exceed 22 lbs. It shall be possible to mount an optional line transformer on the rear surface of the unit. Four T-nuts (1/4" x 20) shall be attached to the corners of the back of the CSS-50 cabinet to permit the use of a safety chain/cable when desired.

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