

# DESIGNER SPEAKER ASSEMBLY MODEL S-700

## FEATURES:

**REMOVABLE CLOTH GRILLE**

**ROTARY TAP SWITCH**

**HIGH COMPLIANCE WOOFER AND TWEETER**

**FIRST AND SECOND ORDER CROSSOVER**

**COMBINATION TRANSFORMER AND 8 OHM DIRECT**

**SCREW TERMINAL CONNECTION BLOCK**



## DESCRIPTION:

This speaker is perfect for applications requiring high fidelity music and speech indoors or out. Audio level adjustments are quickly made using a nine position selector switch. Using a combination transformer, this speaker can operate on 8 ohm 25, 70 and 100 volt speaker lines. Utilizing the built-in hanger, this speaker may be mounted on the wall or installed with an optional mounting bracket (S-BKT) to allow precise positioning. Secure connections of 18 to 24 gauge wires are made to a screw terminal block. Convenient wiring terminals allow speakers to be connected together.

The speaker is available in white, gray, brown and black with a color coordinated cloth covered grille. A variety of grille options are available on request.

## SPECIFICATIONS:

### SPEAKER:

5" Woofer  
1" Tweeter

### MAGNET WEIGHT:

Woofer: 10 oz  
Tweeter: 5 oz

### FREQUENCY RESPONSE:

70 Hz - 20 kHz  $\pm$  3 dB

### SOUND PRESSURE LEVEL:

93 dB @ 1 kHz, 1 W, 1 Meter

### POWER RATING:

30 Watts Peak, 20 Watts Continuous

### HOUSING AND FINISH:

White, Brown, Gray and Black  
Enclosure Construction: High Density  
Polypropylene

### SPEAKER IMPEDANCE

8 Ohm

### LINE TRANSFORMER:

25, 70, 100 Volt  
8 Ohm Direct Switch Position 9

### TRANSFORMER TAPS:

30, 15, 7.5, 3.6 and 1.8 Watts

### DIMENSIONS AND WEIGHT:

10" (25.4 cm) W x 6.75" (17.15 cm) H x 4.5" (11.43 cm) D

## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS MODEL S-700 DESIGNER SPEAKER ASSEMBLY

The Designer Speaker, Model S-700 shall be a two way speaker assembly containing a 5.25" woofer and 1" tweeter. The speaker shall have a first order and second order two-way crossover. The unit shall have a power rating of 30 watts peak and 20 watts continuous.

The cabinet shall be constructed of a high density polypropylene to minimize vibrations. The enclosure shall be \_\_\_\_\_ in color with a color coordinated removable cloth covered grille.

Tap selections for the built-in combination transformer shall be made by a screwdriver set rotary switch conveniently located behind the grille. The tap setting shall be 30, 15, 7.5, 3.6, and 1.8 watts. Position 9 or the tap switch shall bypass the transformer allowing the unit to operate on an 8 Ohm speaker line. Wiring connection to the unit shall be made to a screw terminal block.

The frequency response shall be 70 Hz to 20 kHz +3 dB. The output level shall be 93 dB with a 1 kHz, 1 watt input at 1 meter. The unit shall operate on 100, 70 and 25 volt speaker lines.

The dimensions shall be 10" (25.4 cm) W x 6.75" (17.15 cm) H and 4.5" (11.43 cm) D. The weight shall be 7.0 lbs (3.15 kg).

### Limited Warranty

Clarity warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Clarity indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.  
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Clarity are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs  
(major repairs will be subject to additional charges for parts and labor).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Clarity be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.