

Technical Specification

FEATURES:

- WEATHER-PROOF
- 70 VOLT OR 25 VOLT TRANSFORMER
- ALL STAINLESS STEEL HARDWARE
- FLEXIBLE MOUNTING: RECESSED & SURFACE



DESCRIPTION:

The FlexHorn is used to provide voice paging and background music. The horn is weather proof and can be used indoors or outside in environments ranging from -20 to +55 degrees centigrade. The FlexHorn may be mounted to walls using the supplied universal bracket; mounts to steel "I" beams using the supplied "C" clamp or flush mounted in a wall.

Specifications:	
<p>SPEAKER 3.5" (8.9cm)</p> <p>MAGNET WEIGHT 5 oz.</p> <p>MAGNET MATERIAL Ceramic</p> <p>VOICE COIL .75 dia. (1.9cm) 12 W</p> <p>SOUND PRESSURE LEVEL 102 dB at 1 Meter on Axis With 1 Watt Input at 1 kHz</p> <p>LINE TRANSFORMER 70 Volt Transformer (Model S-604) 25 Volt Transformer (Model S-604-25)</p> <p>TRANSFORMER TAPS 4, 2, 1, and .5 Watts</p> <p>FREQUENCY RESPONSE 300 Hz - 11 kHz</p> <p>POWER RATING 4 Watts Continuous</p>	<p>HOUSING AND FINISH Constructed with filled polypropylene Available in White (W), Gray (GY) Beige (BG) Bracket fabricated with 16 AWG CRS and finished with Black weather resistant E coat. All hardware is stainless steel.</p> <p>ENVIRONMENT Temperature: 0 to 50 °C (32 to 122 °F) Humidity: 0 to 85% Non-Precipitating</p> <p>DIMENSIONS AND WEIGHT 6.8" (17.3 cm) H x 8.3" (21.1 cm) W x 3.3" (8.4 cm) D</p> <p><i>NOTE: 25-Volt Speakers may be used as One-Way or Two-Way (talkback) speakers. This functionality is determined by the equipment used to source audio to/from the speaker.</i></p>

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ARCHITECTS' AND ENGINEERS

The paging horn shall be a high efficiency re-entrant type horn. It shall be equipped with a universal mounting bracket and a "I" beam clamp.

The frequency response of the horn shall be 300 Hz to 11 kHz. The horn shall have a continuous power rating of 4 watts. Dispersion shall be 120 degrees horizontal and 90 degrees vertical. Sound pressure level with a 1 watt input @ 1 kHz shall be 102 dB measured at 4 feet on axis.

Model S-604 shall operate on 70 volt speaker lines and have tap settings of 4, 2, 1 and .5 watts.

Model S-604-25 shall operate on 25 volt speaker lines and have tap settings of 4, 2, 1 and .5 watts.

The housing shall be constructed of filled polypropylene and be available in gray, white or beige. All hardware shall be stainless steel. The universal bracket shall be constructed of 16 AWG CRS and finished with a weather resistant black E-Coat.

Dimensions of the horn shall be 6.8" (17.3 cm) H x 8.3" (21.1 cm) W x 3.3" (8.4 cm) D.

The weight shall be 2.75 lbs (1.25 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.