



TECHNICAL SPECIFICATIONS

4 WATT PAGING HORN S-604 FLEXHORN™

FEATURES:

WEATHER-PROOF

70 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:

SPEAKER

3.5" (8.9cm)

FREQUENCY RESPONSE

300 Hz - 11 kHz

MAGNET WEIGHT

5 oz

MAGNET MATERIAL

Ceramic

VOICE COIL

.75 dia. (1.9cm)
12 W

SOUND PRESSURE LEVEL

102 dB at 1 Meter on Axis With 1 Watt Input at 1 kHz

POWER RATING

4 Watts Continuous

LINE TRANSFORMER

70 Volt Transformer

TRANSFORMER TAPS

4, 2, 1, and .5 Watts

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.

ENVIRONMENT

Temperature: 0 to 50 °C (32 to 122 °F)
Humidity: 0 to 85% Non-Precipitating

DIMENSIONS AND WEIGHT

6.8" (17.3 cm) H x 8.3" (21.1 cm) W x 3.3" (8.4 cm) D

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS MODEL S-604 FLEXHORN™

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.

The paging horn shall operate on 70 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 2.75lbs (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.