

Technical Specification

FEATURES:

- LOW PROFILE
- 6 FT. BLACK CHAIN
- ALUMINUM HOUSING
- ROTARY TAP SWITCH
- HIGH FIDELITY FULL RANGE SPEAKER
- COMBINATION 25, 70 OR 100 VOLT OPERATION



DESCRIPTION:

A low profile tube style pendant speaker for areas with high ceiling heights that require an upscale contemporary appearance. This speaker provides quality background music and paging in atriums, lobbies and restaurants. The pendant speaker is fabricated from aluminum and is available in a high gloss black or white finish. A six foot black steel chain is included which easily attaches to the top of the speaker and allows it to hang in a suspended fashion. A nine position selector switch provides easy adjustments of audio levels and a combination transformer allows the speaker to operate on 25, 70, and 100 volt speaker lines

Specifications:

SOUND PRESSURE LEVEL

95 dB at 1 Meter on Axis with 1 Watt Input at 1 kHz

LINE TRANSFORMER

25/70/100 Volt

TRANSFORMER TAPS

1.9, 3.8, 7.5, 15.0, 30 Watts

FREQUENCY RESPONSE

80 Hz to 15 kHz

MAXIMUM POWER RMS/PEAK

20 Watts rms/30 Watts Peak

DISPERSION

90°

HOUSING AND FINISH

The S-520B Pendant Speaker housing is constructed of aluminum tubing. The speaker is available with white, black or gray powder coat finishes. A 6 foot chain with black finish is included for hanging the speaker.

ENVIRONMENT

Temperature: 0 to 50 °C (32 to 122 °F)

Humidity: 0 to 85% Non-Precipitating

DIMENSIONS AND WEIGHT

Diameter: 5.8" (11.73 cm) x Length: 8.8" (22.35 cm)

Weight: 3.2 lbs (1.44 kg)

Technical Specification

ARCHITECTS' AND ENGINEERS

The Model S-520B Pendant Speaker shall consist of a speaker transformer baffle assembly designed to be suspended from a ceiling.

The speaker housing shall be 5.8" (11.73 cm) in diameter and 8.8" (22.35 cm) in length. The speaker shall weigh 3.2 lbs. (1.44 kg). The speaker housing shall be constructed of aluminum tubing and finished in white or black epoxy powder coat paint. A 6 foot chain with a black finish shall be included for hanging the speaker.

The frequency response shall be 80 Hz to 15 kHz. The sound pressure level shall be 96 dB, 1 watt at 1 meter with a 1 kHz input. The power handling capacity shall be 20 watts rms/30 watts peak.

The line transformer shall be capable of operating on a 25, 70 or 100 volt line. A nine position rotary tap switch shall provide volume level adjustments. The level adjustments shall range from 1.9 watts to 20 watts.

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.