



## Weatherproof 8 Ohm Horn Speaker for Wideband Voice Paging

The Algo 1186 Horn Speaker provides clear and intelligible speech for voice paging, alerting, or emergency communication in outdoor, noisy or large spaces when combined with a suitable amplifier capable of driving an 8 Ohm speaker.

The 1186 is frequently paired with the Algo 8180 SIP Audio Alerter in premise or hosted VoIP applications for additional sound pressure level or location in wet environments. The re-entrant horn speaker provides excellent acoustic efficiency in a compact size for public address with approximately 20 dB increase in SPL over the 8180 internal speaker.

Some of the applications for the 1186 horn speaker and 8180 include loud ringing in noisy work environments, voice paging in warehouses and manufacturing facilities, and bell and paging in school gymnasiums or outdoor

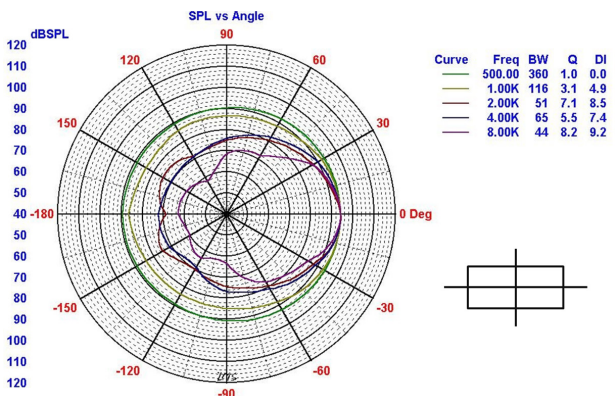
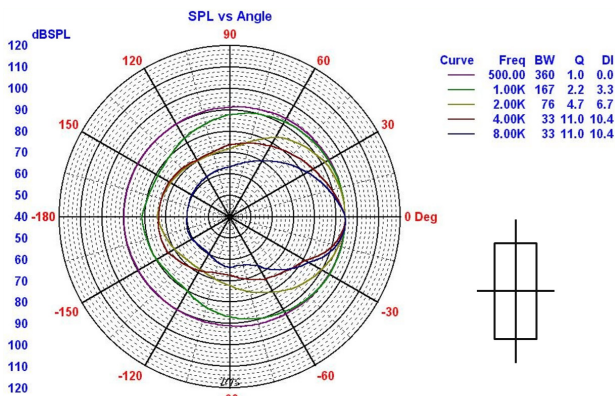
spaces. The 8180 & 1186 together offer an effective and economical solution for paging and alerting as a single speaker in many smaller workshops and warehouses.

The performance of the 1186 horn speaker in the critical speech band from 500 Hz to 6 kHz provides exceptional voice clarity and is well suited for wideband G.722 audio (HD Voice) applications.

Three-axis adjustable with two large ergonomic T-knobs enables precision aiming regardless of mounting position. Constructed using corrosion resistant metal base materials and UV stabilized impact resistant white plastic for outdoor suitability.

## Specifications:

<b>Rated Impedance:</b>	8 Ohm +/- 15%
<b>Rated Power:</b>	50W
<b>Maximum Power:</b>	100W
<b>Speaker Type:</b>	Re-entrant horn speaker, 11" x 6 5/8" (28cm x 16.8cm) rectangular.
<b>Material:</b>	UV Stable white plastic with metal base
<b>Freq Response:</b>	350 – 9,000 Hz (- 10 dB)
<b>Sensitivity:</b>	107 dBA +/- 3 dB 1m/1W (1 kHz) at 1.3K, 1.6K, 2K, 2.5K Hz-Avg.
<b>Dispersion Angle:</b>	76H x 51V (2 kHz -6dB) Oriented Vertically 11" tall x 6 <sup>5/8</sup> " Wide
<b>Environmental:</b>	-40 to +122 deg F (-40 to +50 deg C); Suitable for outdoor and wet environments
<b>Dimensions:</b>	11.8" x 6.6" x 10.2" (30cm x 16.8cm x 25.8cm)
<b>Mounting:</b>	Wall or ceiling 3 screw pattern
<b>Wiring:</b>	18" (46cm) wire tail stripped and tinned
<b>Aim Adjustment:</b>	Three axis
<b>Weight:</b>	4 lb (1.8 Kg)



## Order Codes:

1186 Horn Speaker 8 Ohm

## Compatible Products:

8180 SIP Audio Alerter

1825 Duet Plus Auxiliary Ringer

