New Product Announcement



Slim-Line Micro Speakers

PUI Audio, Inc.'s new line of slim-line micro speakers are purpose-built for space-limited, modern electronics such as smartphones, tablets, laptops, as well as wearable technology and IoT devices such as WiFi-enabled thermostats.

15 x 11 mm Slim-Line Micro Speakers

The **AS01508AO-SC-R** is a 15 x 11 speaker with pre-installed double-sided adhesive for quick, easy installation and spring-loaded contacts for a solderless electrical connection and features a 4.42 mm thickness.

25 mm speaker leads replace the spring contacts on the AS01508AO-SC-R to minimize thickness to 3.9 mm on the **AS01508AO-LW25-R**.

For more output and lower distortion, a multi-magnet motor drives the **AS01508AO-3-R**, while solder pads drive the thickness down to 3.5 mm.

A spring-contact version is available in the **AS01508AO-3-SC-R**.

These are also available with an IP65-rated face: the **AS01508AO-WP-R** and the **AS01508AO-SC-WP-R**.

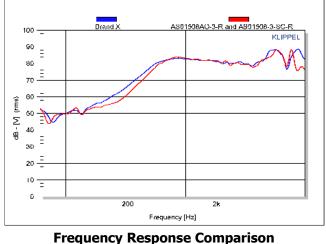
Each 15 x 11 mm speaker features a class-leading resonant frequency below 600 Hz for realistic sound.

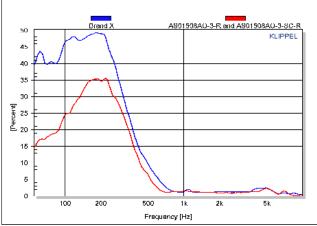
18 x 13 mm Slim-Line Micro Speakers

PUI Audio's 18 x 13 mm speakers build on the performance of the 15 x 11 mm speakers, while reducing the overall thickness to below 3 mm on the **AS01808AO-3-R** with solder pads and 3.1 mm on the **AS01808AO-3-SC-R** with spring contacts.

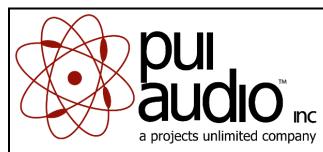
Both feature an amazingly low resonant frequency of 420 Hz and are available with IP65-rated faces in the **AS01808AO-WP-R** and **AS01808AO-SC-WP-R**.







Total Harmonic Distortion (THD) Comparison

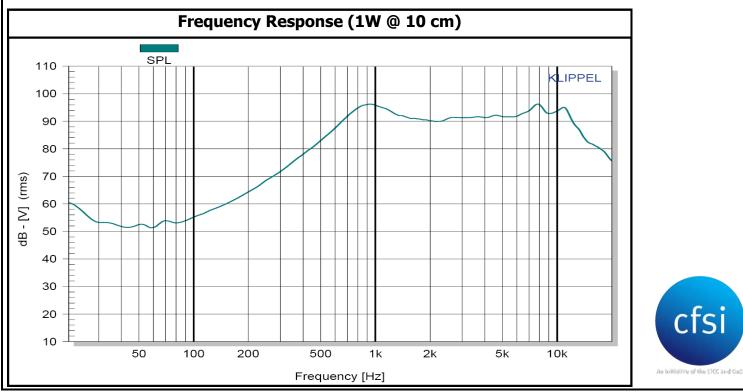


AS01808AO-WP-R 18x13mm Slim-Mount Speaker

3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

- 18 x 13 mm speaker with Neodymium magnet for 94 dB sensitivity
- \bullet 1W continuous, 1.2W maximum power handling and 8Ω impedance
- For space-limited applications such as cell phones and consumer electronics
- Horizontally placed solder pads
- Waterproofed face meets IP65 requirements when properly mounted



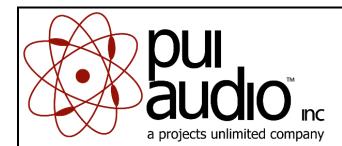


REACH

COMPLIANCE

Compliant

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AS01808AO-WP-R 18x13mm Slim-Mount Speaker

Test Description	Test Condition
High Temperature	60°C with random humidity for 96 hours
Low Temperature	-25°C with random humidity for 96 hours
Humidity	40°C with 90% to 95% relative humidity for 96 hours
Vibration	1.5 mm movement modulated at 15 to 45 Hz fo 3 hours
Drop Test	75 cm free fall onto concrete, 10 cycles
After tests, speaker shall rest for 1 hours. SPL sh	nall not deviate ±3 dB from pre-test measurement
Frequency Response	e Measurement Setup
Rq,including wiring ≤0.3Ω power amplifier	microphone 1/6" analyzer *frequency response *THD *rub & buzz
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