

25 September 2025

MEMS Fabrication Process Status Update

Audio Pixels Holdings Limited (ASX: AKP) is pleased to report a significant milestone in our independent MEMS fabrication development program, a critically important step in advancing our proven Digital Sound Reconstruction (DSR) technologies into commercial products that can be mass-produced at any qualified fab of our choosing.

This week, the very first completed wafer from our independent MEMS development program was received and characterized. The primary purpose of this initial wafer was to perform a status check and validate what was working well and to identify any potential fabrication issues.

We can now confirm that the critical electromechanical specifications and tolerances have been achieved with exceptional precision. At the same time, we also identified excessive pixel damage that was ultimately traced to a cross-material interaction triggered during the final fabrication step. Working closely with our fabrication partner, we identified the root cause and immediately implemented process adjustments that ensure this issue is eliminated from all subsequent wafers.

Overall, these results validate that our disciplined approach prioritizing strict adherence to specifications, tolerances, and fabrication consistency, is achieving the tangible progress needed to advance commercialization efforts. Our partner is currently reallocating resources and adjusting scheduling to accelerate the next wafer runs, and we will continue to update the market as deliverable timelines become clearer.

This announcement has been authorised for release to ASX by Fred Bart.

About Audio Pixels Holdings Limited

Audio Pixels Limited, founded in 2006, is a wholly owned subsidiary of Audio Pixels Holdings Limited, listed in Australia under the stock code of AKP (Level 1 ADR's on OTC - ADPXY). Backed by exceptional multidisciplinary scientific research, design, and production capabilities, Audio Pixels has become a world leader in digital loudspeaker technologies. Audio Pixels' patented technologies employ entirely new techniques to generate sound waves directly from a digital audio stream using micro-electromechanical structures (MEMS). Its revolutionary technological platform for reproducing sound enables the production of an entirely new generation of speakers that will exceed the performance specifications and design demands of the world's top consumer electronics manufacturers. For more information, visit www.audiopixels.com.au/.

Forward-looking statements

This release may contain certain forward-looking statements with respect to the financial condition, results of operations and business of AKP and certain of the plans and objectives of AKP with respect to these items. By their nature, forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future and there are many factors that could cause actual results and developments to differ materially from those expressed or implied by these forward-looking statements.