



Nikola Labs to Demo Tech at CES

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COLUMBUS, Ohio, December 29, 2016 – Nikola Labs will be demonstrating applications of their advantaged wireless power technology at the Consumer Electronics Show (CES) in Las Vegas on January 3-8. The Nikola Labs demos will be on display at Texas Instruments' booth [add specifics].

At CES, Nikola Labs will share three new demonstrations, each showing potential applications of their far-field, wireless power technology.

- Hearing aid charger – in-ear hearing aids offer discrete hearing correction but need to be removed by an audiologist every couple of months. Nikola Labs embeds a wireless power transmitter into ear bud style headphones and a tiny receiver in a mocked up hearing aid, demonstrating the ability to charge in-ear hearing aids in-situ.
- Completely wireless motion sensor – sensor functionality and performance is typically limited by battery life, but this can be overcome with wireless power. This demo shows how a high functioning motion detector can operate using wireless power, and no batteries.
- Energy harvesting water detector – water damage is a common concern for homeowners and property managers. Simple, perpetually powered water detectors can be placed behind baseboards and programmed to shut off the water main in the event of leak, thereby limiting damage.

Also at the Texas Instruments booth, Nikola Labs will be displaying mechanical samples of its INDRA chip, a compact and efficient radio frequency (RF) to direct current (DC) receiver chip for wireless power and energy harvesting. The 5mm x 5mm chip rectifies incoming RF waves, boosts voltage and regulates outlet power to directly operate devices or charge storage. INDRA was developed with technology partners Skyworks and Texas Instruments, and will be available for incorporation into products beginning in Q3 2017.

About Nikola Labs

Nikola Labs is a wireless power company with an advantaged far-field technology that converts radio frequency (RF) energy into usable direct current (DC) power. We are a devoted and capable team that includes world-renowned electrical engineers and distinguished business leaders united by a common goal – advancing wireless power into the marketplace.

<http://www.nikola.tech/>

About Consumer Electronics Show

For 50 years, CES has been the launch pad for new innovation and technology that has changed the world. Held in Las Vegas every year, it is the world's gathering place for all who thrive on the business of consumer technologies and where next-generation innovations are introduced to the marketplace.

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