



## **NEW LG CORDZERO™ VACUUM WITH AUGMENTED REALITY COMING TO CES 2016**

*LG's Cordless Vacuums' Advanced Smart Feature  
Revolutionizes Home Cleaning*

**SEOUL, Dec. 21, 2015** — LG Electronics (LG) will unveil an upgraded lineup of its CordZero™ collection at CES 2016, which will be headlined by HOM-BOT Turbo+, the industry's first robotic vacuum cleaner equipped with augmented reality technology. Also included in the cordless vacuum collection are the CordZero Canister, the 2-in-1 CordZero handstick, as well as the CordZero Bedding Cleaner. Together, the CordZero collection provides a premium cleaning experience that is free of tangled cords and smarter than ever before.

### **HOM-BOT Turbo+: Smart Cleaning with Smart Technology**

LG's robotic vacuum cleaner, the HOM-BOT Turbo+, employs augmented reality technology with a smart feature called Home-Joy. This new user interface allows consumers to issue instructions to the vacuum cleaner by designating areas that need extra cleaning using the camera of any smartphone. Simply tap on the part of the room in the image to clean and HOM-BOT Turbo+ goes to that exact location and begins cleaning.

HOM-BOT Turbo+ features Triple Eye™ camera sensors, which record the surrounding area — including the ceiling — to track where it has already cleaned. The camera located on the front of the unit enables other smart features such as Home-View and Home-Guard. The Home-View feature transmits a real-time feed to owners' smartphones, enabling them to remotely control the vacuum and clean the home anytime, anywhere. The Home-Guard feature gives consumers extra security and peace of mind by sending photos of inside the home to a paired smartphone when the HOM-BOT Turbo+ senses movement.

The HOM-BOT Turbo+ also intelligently navigates consumers' homes and avoids obstacles such as stairs thanks to Robonavi™, an intelligent software system that utilizes the robot's dual CPUs to make lightning fast directional decisions. Both powerful and durable, LG's latest smart vacuum with Smart Inverter Motor is backed by a 10-year warranty giving owners long-lasting peace of mind.

### **CordZero Canister: No Cords, No Hassles**

The LG CordZero Canister is fueled by a new lithium-ion battery PowerPack™ 80V that provides powerful suction and continuous cleaning for up to 40 minutes in regular mode, guaranteeing maximum suction and cleaning performance that is nearly 10 percent more effective in cleaning than LG's conventional 2,000 watt corded vacuum cleaner<sup>1</sup>. Powered by LG's Smart Inverter Motor, the LG CordZero Canister generates an outstanding 79,000 RPM and is approximately 60 percent smaller and 48 percent lighter than LG's previous Smart Inverter Motor.

LG has equipped the CordZero Canister with a new ergonomic handle, which was inspired by flight control sticks found in aircrafts. The handle enables the vacuum to be easily maneuvered in all directions without placing the weight of the vacuum hose on a user's wrist or back. Another advanced feature included in the CordZero Canister is the one-of-a-kind RoboSense™ technology. This feature eliminates the need to pull the vacuum cleaner body along while cleaning because the Automatic Location Recognition technology and Active Following Wheel technology allow the vacuum cleaner to track the user and follow at a constant distance.

Rounding out LG's cordless vacuum lineup is the versatile CordZero Handstick with long-lasting Dual PowerPack battery and the CordZero Bedding Cleaner with the Dual Punch™ feature.

“The powerful new technologies found on the latest LG CordZero products represent our commitment to innovation and providing customers with a better life through better products,” said Jo Seong-jin, president and CEO of the LG Electronics Home Appliance

& Air Solution Company. “The smarter, more convenient lifestyle offered by LG’s CordZero collection will appeal to every consumer and contribute to elevating LG’s position as a leader in the home appliance market.”

### **Key Specifications:**

#### **HOM-BOT TURBO+**

- Home-Joy
- Home-View
- Home-Guard
- Triple Eye™
- Robonavi™
- Smart Inverter Motor™
- Corner Master
- Digital Bumper
- Easy-out Dust Bin
- Noise Level: 60dB
- EPA 11 Filter
- Smart Turbo
- Learning Function
- Long-lasting Lithium-Ion Battery

#### **CORDZERO™ CANISTER**

- CordZero™ Technology
- New Ergonomic Handle
- Smart Inverter Motor™
- PowerPack™ 80V
- RoboSense™ : Automatic Location Recognition Technology and Active Following Wheel Technology
- KOMPRESSOR™ Technology
- HEPA14 Filter
- SLG 5 Star & BAF Certified

#### **CORDZERO™ HANDSTICK**

- Dual PowerPack™
- Anti-Tangle Brush™
- Smart Inverter Motor™
- 2-in-1 Type (Stick+ Handy)
- Built-in Brush (Crevice & Brush Tool)
- Easy 180 Degree Swivel Head
- Easy Grip Handle
- LED Vision
- Slim and Light Design

#### **CORDZERO™ BEDDING CLEANER**

- Dual Punch™
- Soft Rotating Brush
- Smart Inverter Motor™
- Powerful Suction
- UV Sterilization Station
- Dual Filter System
- Easy-out Dust Bin

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<sup>1</sup> Carpet pick-up rate of 81.8 percent based on LG Electronics Lab Test according to IEC regulations compared with model VC3320NHT.

**About LG Electronics Home Appliance & Air Solution Company**

The LG Electronics Home Appliance & Air Solution Company is a global leader in home appliances, air conditioning and air quality systems. The company is creating total solutions for the home with its industry leading core technologies. LG is committed to making life better for consumers around the world by providing thoughtfully designed products, including refrigerators, washing machines, dishwashers, cooking appliances, vacuum cleaners, built-in appliances, air conditioners, air purifiers and dehumidifiers. Collectively, these products deliver enhanced convenience, superb performance, great savings and compelling health benefits. For more information, please visit [www.LG.com](http://www.LG.com).

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