

New LG phone influenced by Samsung's Note 7 troubles

February 26 2017, by Anick Jesdanun



Chief executive officer of consumer devices division for Huawei Technologies Co. Richard Yu presents the new phone Huawei P10 Plus before the Mobile World Congress in Barcelona, Spain, Sunday, Feb. 26, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)

Samsung's fiasco with its fire-prone Note 7 phone has pushed its rival LG to take additional precautions with its next smartphone.

Samsung recalled millions of Note 7 phones after dozens overheated and

caught on fire . Samsung blamed numerous problems with its batteries and announced tighter quality controls and more rigorous testing.

LG said it's doubling the separation between the battery's positive and negative chambers to reduce the risk of a short. Samsung's investigators found that overly thin separators were partly to blame for the Note 7 problems.

LG also redesigned the [phone](#)'s interior to separate the two main sources of heat—the main processor and the display driver—and turned other components into heat sinks to dissipate heat.

"We started by placing these two (sources) as far apart as possible and then built the phone around it," LG spokesman Frank Lee said.

Even though the company hasn't had the types of failures that Samsung experienced with the Note 7 batteries, Lee said wireless carriers are seeking greater safety assurances for all phones they sell.

"What's important for them is to make sure that they present to their subscribers a quality, stable product," Lee said in an interview. "This caught the entire market off-guard."



Members of the public take pictures before the presentation of the new phone Huawei P10 Plus before the Mobile World Congress in Barcelona, Spain, Sunday, Feb. 26, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)

LG unveiled its next phone, the G6, ahead of Monday's opening of the Mobile World Congress wireless show in Barcelona, Spain. Samsung has said it's delaying its next major phone, the Galaxy S8, until after the show.

LG has a tiny share of a worldwide smartphone market dominated by Apple and Samsung. LG didn't gain significantly following the Note 7 recall.

The G6 will have a 5.7-inch screen, though the size of the phone itself is about the same as last year's 5.3-inch G5. LG achieves this partly by adopting an 18:9 aspect ratio, meaning the display's height is twice the

width. The tallest phone displays typically max out at 16:9. When held horizontally, the G6 offers a wider image than regular high-definition TV, but it's not as wide as what most movie theaters offer.

LG is matching major rivals in offering water and dust resistance, though in doing so, it eliminated a replaceable battery and the ability to swap in new modules , such as better audio. Last year, LG cited both features as evidence that it was setting itself apart from rivals as phone innovation slows down. The G6 does retain a wide-angle camera , which is still uncommon to find in phones.

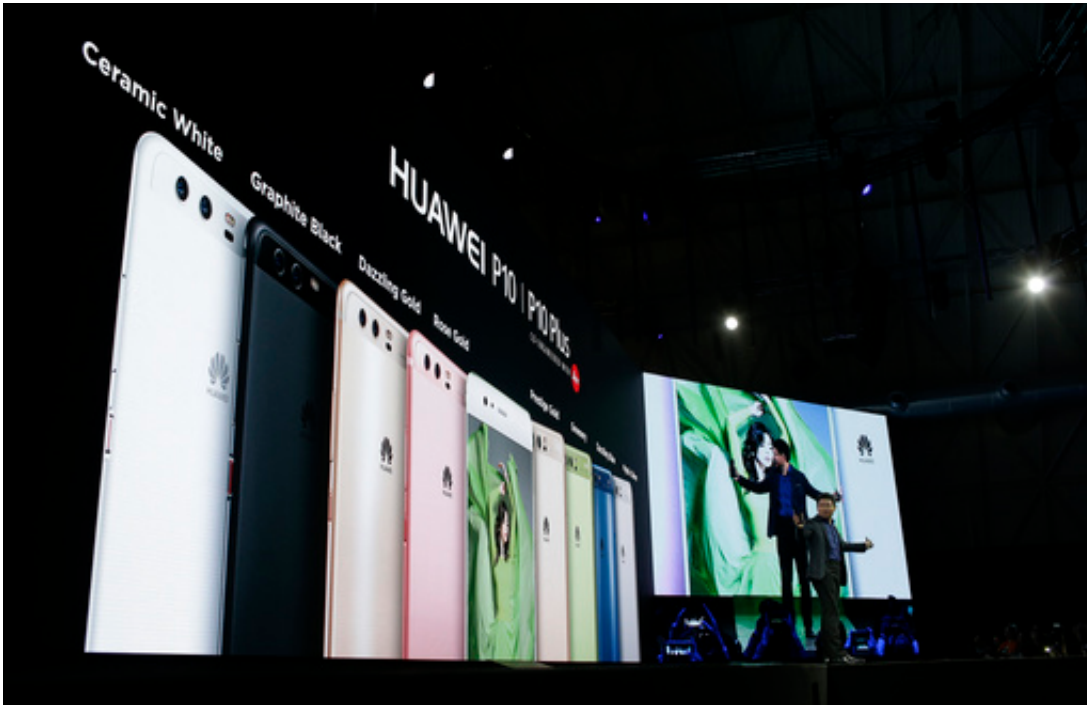
LG didn't announce prices and release dates.



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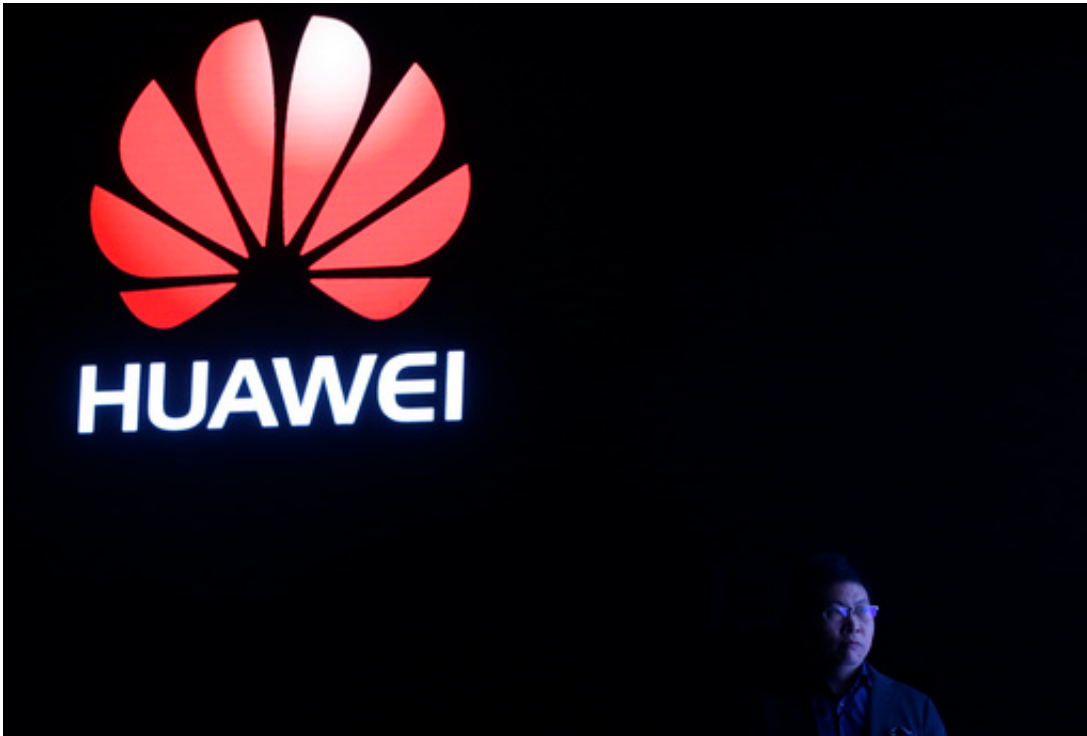
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TCL Communication's CEO Nicolas Zibell presents the new BlackBerry KEYone before the Mobile World Congress in Barcelona, Spain, Saturday, Feb. 25, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)



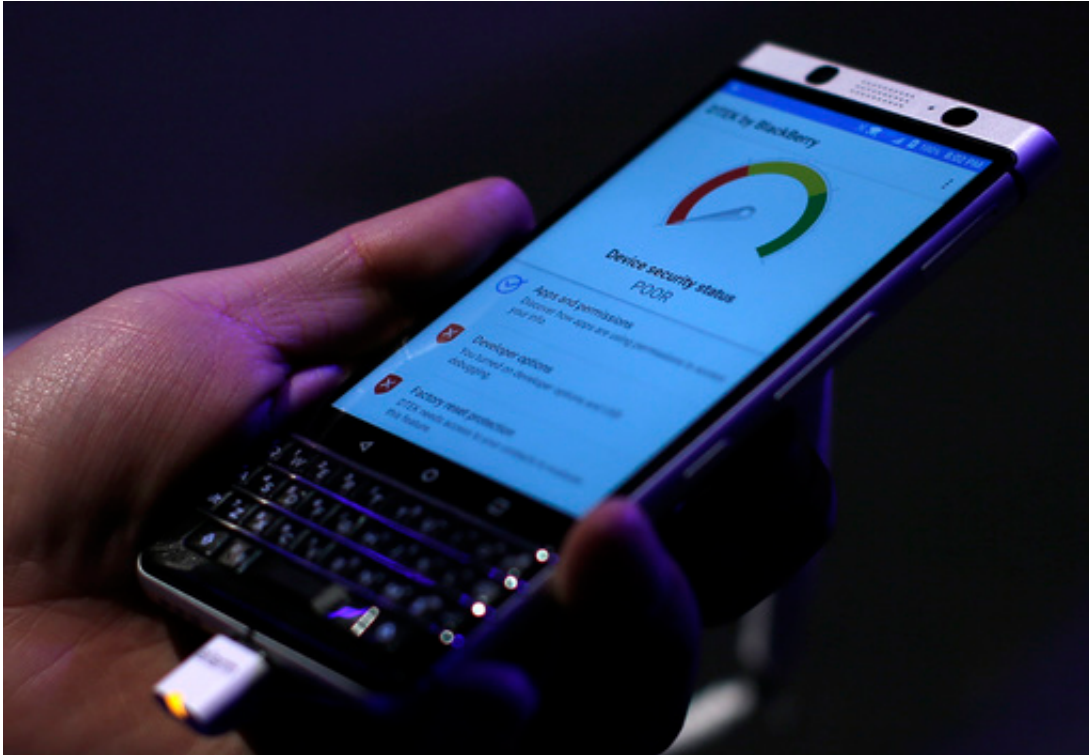
TCL Communication's CEO Nicolas Zibell presents the new BlackBerry KEYone before the Mobile World Congress in Barcelona, Spain, Saturday, Feb. 25, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)



A man touches the new BlackBerry KEYone before the Mobile World Congress in Barcelona, Spain, Saturday, Feb. 25, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)



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The new BlackBerry KEYone is displayed before the Mobile World Congress in Barcelona, Spain, Saturday, Feb. 25, 2017. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Manu Fernandez)



In this Sept. 8, 2016 file photo, a Samsung Electronics' Galaxy Note 7 smartphone is displayed at the headquarters of South Korean mobile carrier KT in Seoul, South Korea. Samsung recalled millions of Note 7 phones after dozens overheated and caught on fire. Samsung blamed numerous problems with its batteries and announced tighter quality controls and more rigorous testing. LG said it's doubling the separation between the battery's positive and negative chambers to reduce the risk of a short. Samsung's investigators found that overly thin separators were partly to blame for the Note 7 problems. (AP Photo/Ahn Young-joon, File)



This undated image shows an LG G6 phone taken apart. To reduce the risk of overheating, LG moved the main processor and the display driver to the top and bottom parts of the phone to separate those two main heat sources. LG also turned other components into heat sinks to dissipate heat. (AP Photo/Anick Jesdanun)



This undated image shows an LG G6 held with one hand. Although the G6 has a larger screen than before, at 5.7 inches, the size of the phone itself is about the same as last year's 5.3-inch G5." (AP Photo/Anick Jesdanun)(AP Photo/Anick Jesdanun)



A journalist holds the new G6 unveiled by LG as its next phone, ahead of Monday's opening of the Mobile World Congress wireless show in Barcelona, Spain, Sunday, Feb. 26, 2017. South Korean electronics company LG has launched the world's first smartphone with a 18:9 aspect ratio at the Mobile World Congress (MWC) technology show in Barcelona. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Emilio Morenatti)



LG President Juno Cho unveils their new G6 phone ahead of Monday's opening of the Mobile World Congress wireless show in Barcelona, Spain, Sunday, Feb. 26, 2017. South Korean electronics company LG has launched the world's first smartphone with a 18:9 aspect ratio at the Mobile World Congress (MWC) technology show in Barcelona. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Emilio Morenatti)



Attendances use their phones to take images of the new G6 unveiled by LG as its next phone, ahead of Monday's opening of the Mobile World Congress wireless show in Barcelona, Spain, Sunday, Feb. 26, 2017. South Korean electronics company LG has launched the world's first smartphone with a 18:9 aspect ratio at the Mobile World Congress (MWC) technology show in Barcelona. The Mobile World Congress will be held 27 Feb. to 2 March. (AP Photo/Emilio Morenatti)



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