Thinnest Large-Screen LCD Panel is 2.6mm Thick

Seoul, Korea – LG Display an innovator of thin-film transistor liquid crystal display (TFT-LCD) technology, announced that it has developed the world's thinnest LCD TV panel measuring 2.6mm.

The development of extremely slim LCD panel was possible by applying the company's accumulated "slimming" technologies including the use of an ultra-slim, edge-lit LED backlight system and proprietary optical film technology.

The 42-inch panel weighs less than 4 kilograms — making it ideal for wall mounted TVs. Moreover, the new product offers 120Hz refresh rate technology with full HD (1920 x 1080) resolution for clear and sharp image.

In May, LG Display broke the record by unveiling 42- and 47 inch LCD TV panels measuring 5.9mm - the world's thinnest panels at the time. By nearly halving its record in just seven months, the company maintains its position as the technology leader in ultra-slim LCD panels.

Dr. In Jae Chung, LG Display's CTO and Executive Vice President noted, "With the development of the world's thinnest LED LCD TV panel that is only 2.6mm thick, LG Display has once again demonstrated its technical prowess to satisfy customer demand for high resolution and slim design products. We will continue to spur R&D activities in order to provide our customers and the market with the differentiated products that they desire."

LG Display will showcase the product and its newest cutting-edge display technologies in a private room at the Bellagio Hotel during the upcoming Consumer Electronics Show (CES) 2010 in Las Vegas .

Please visit http://www.lgdisplay.com [1] for more information.

Source URL (retrieved on *10/23/2014 - 11:24am*):
http://www.ecnmag.com/news/2009/12/thinnest-large-screen-lcd-panel-26mm-thick

Links:
[1] http://www.lgdisplay.com