

# Dismantling information

The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of LG products to remove components and materials requiring selective treatment.

## **Product Identification**

<b>Type of Product</b>	<b>OLED TV</b>
<b>Model name</b>	<b>OLED42C4 Series</b> <b>This document covers derivation model OLED42C4### which has same conceptual design and dismantling process</b>

Displays must be stored in accordance with the requirements stipulated in Appendix VIII (1) or (2) of Directive 2012/19/EU and must, amongst other things, be stored in a weatherproof manner. Containers with covers must be used when storing and transporting the Displays.

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- 1. Materials and components for Selective Treatment**
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# 1. Materials and components for Selective Treatment

Displays may contain hazardous substances like Pb and BFRs which are covered by exemptions under the RoHS directive. However, the majority is present in the PCB assembly. In order to reduce emissions as much as possible, a complete disposal of the old appliance is required. This treatment may only be performed in authorized handling plants.

Materials and components	Notes	Included
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 square cm	O (main, power, T-con, IR, Wi fi)
Batteries	For Remote control	O
	Internal coin batteries	-
Mercury containing components	display backlights	-
Liquid Crystal Displays (LCD) with a surface greater than 100 square cm (or OLED module for OLED TV)	Includes background illuminated displays with gas discharge lamps	O
Capacitors / condensers (Containing PCB / PCT)		-
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		O (2EA)
External electric cables cords	Power cord	O
Gas Discharge Lamps		-
Plastics containing Brominated Flame Retardants		-
Components and waste containing asbestos		-
Components, parts and materials containing refractory ceramic fibers		-
Components, parts and materials containing radioactive substances		-

## 2. Tools Required



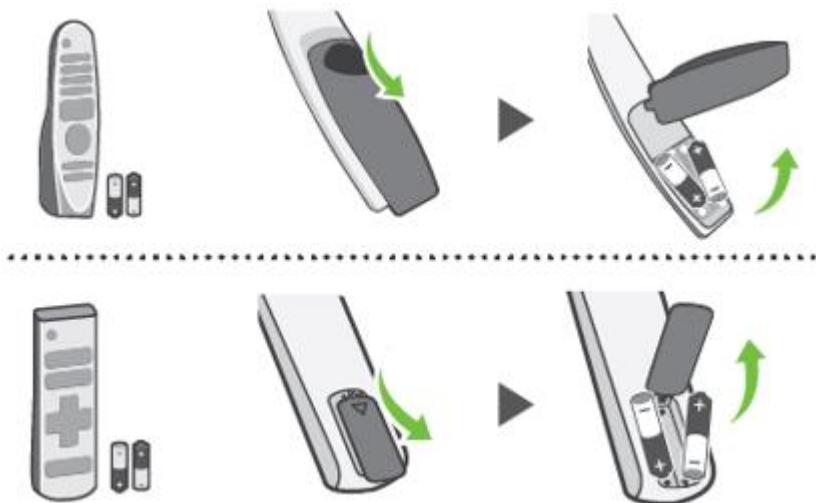
List the type that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool information
Screw driver	 A photograph showing a set of ten screwdrivers of various sizes and head types, including flatheads, Phillips, and Torx, arranged in two rows of five.  A photograph of a blue and black cordless screwdriver with a red trigger switch and a black handle.
Nipper	 A photograph of a pair of red-handled pliers with a silver cutting edge and a black handle.

### 3. Product Dismantling Process

#### 1. Batteries

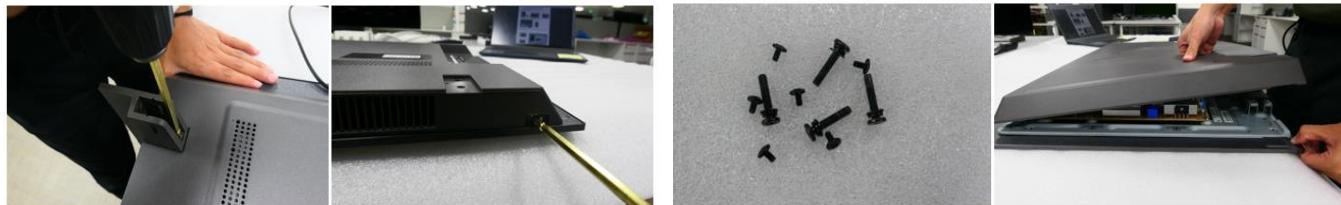
Batteries can easily be removed from the remote control once the back cover has been removed.



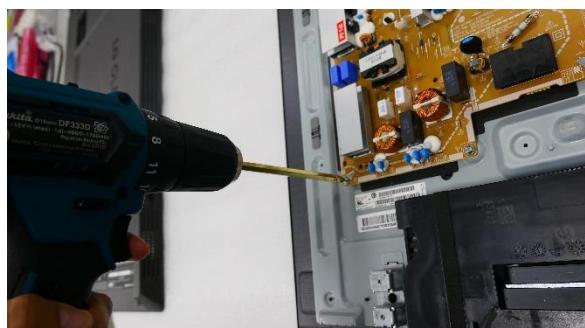
### 3. Product Dismantling Process

#### 2. PCBs and LCD Module

The back cover of the display can easily be removed by hand and screw driver.



Once removed, this will expose the accessible electronic units (PCBs) which can now be easily removed with hand and screw driver.



OLED Panel (together with their casing) is only left after all other parts like electronic units have been removed.

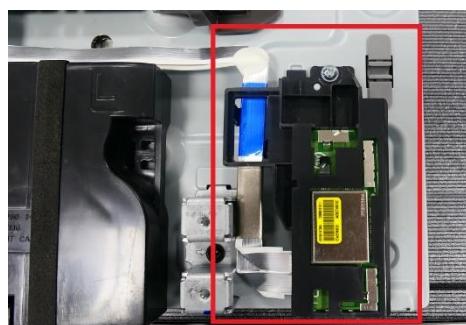
Remove the speaker units.



Remove the IR module



Remove the Wifi module



OLED Module

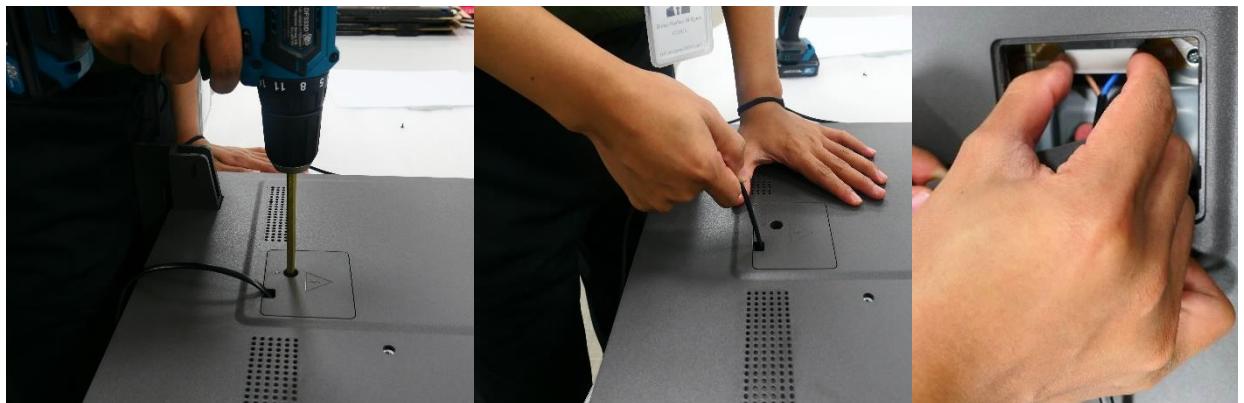


### 3. Product Dismantling Process

#### 3. Power cord

A Power cord plugged into the back of the display can easily be removed by hand and screw driver

Attached type



#### 4. Capacitors > 25 mm

Capacitors > 25 mm are located in the power supply units and can be removed by nipper

