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

Type of Product	**Monitor**
Model name	**32G810SA**

Displays must be stored in accordance with the requirements stipulated in Appendix VII (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.

Contents

1. Materials and components for Selective Treatment

Displays may contain hazardous substances like Pb 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	Remark
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)		O	
Batteries	For Remote control	O	
	Internal batteries	-	
Mercury containing components	display backlights	-	
Liquid Crystal Displays (LCD) with a surface greater than 100 square cm	Includes background illuminated displays with gas discharge lamps	O	
Capacitors / condensers (Containing PCB / PCT)		O	
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		O	
External electric cables cords	Power cord	O	
	Signal cable	O	
Gas Discharge Lamps		-	
Plastics containing Brominated Flame Retardants	Plastic of speaker, cable connector, fan (depend on model)	-	
Components and waste containing asbestos		-	
Components, parts and materials containing refractory ceramic fibers		-	
Components, parts and materials containing radioactive substances		-	

2. Tools Required

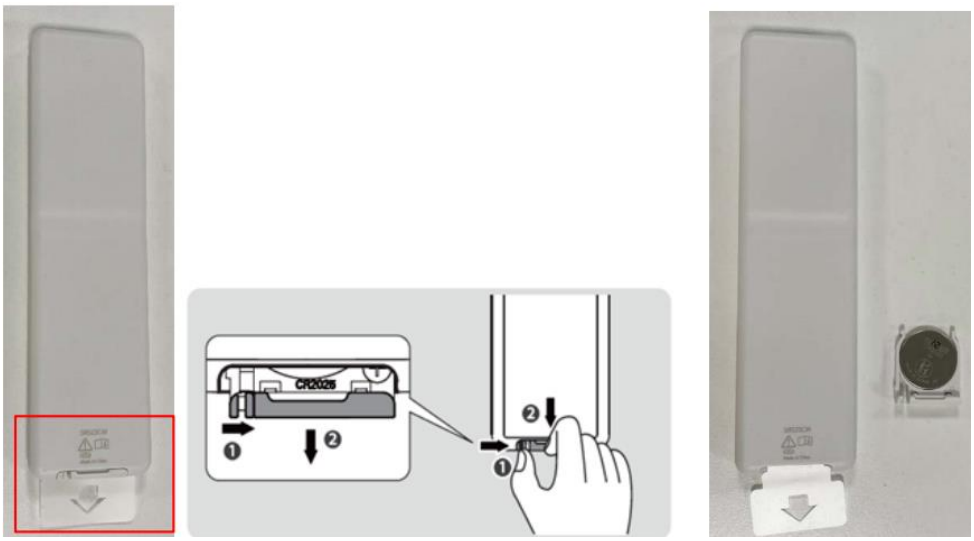
List the type that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool information
Screw driver	 
Nipper	
Plastic Hera Jig	

3. Product Disassembly Process

1) Batteries

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



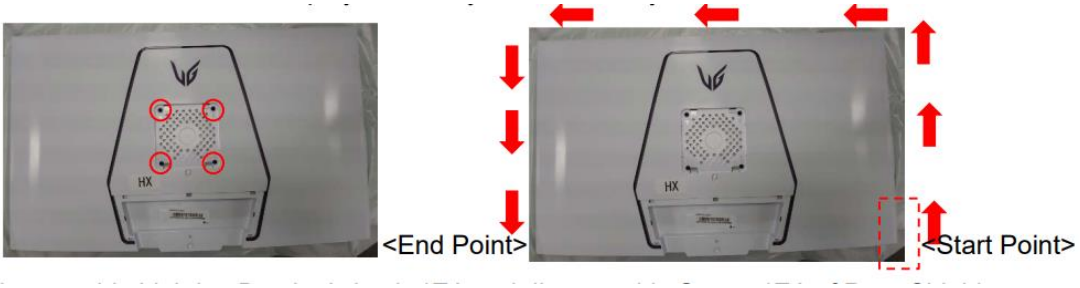
Batteries can easily be removed from the PCB Assembly once the back cover of product has been removed.

None

3. Product Disassembly Process

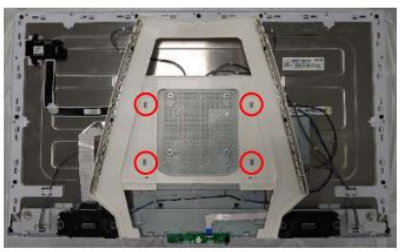
2) PCBs

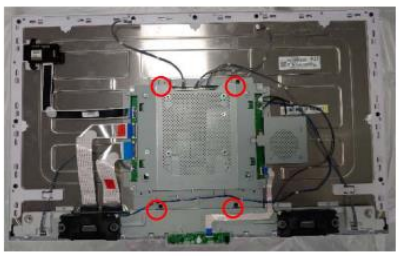
The back cover of the display can easily be removed by hand and screw driver.



Once removed this will expose the accessible electronic units (PCBs),

Disassemble screw 4EA of Main PCB. PCB can easily be removed by screw driver.





3. Product Disassembly Process

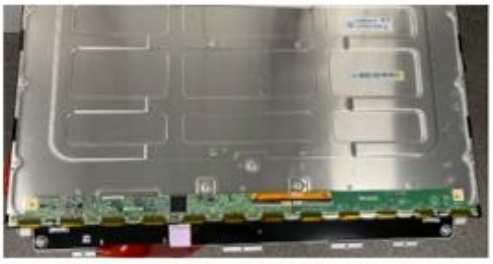
2) PCBs

Main Board

Control Board

Wifi PCB

Module PCB



Adapter PCB

3. Product Disassembly Process

3) Plastics containing Brominated Flame Retardants

Plastic of speaker, cable connector, fan may contain brominated flame retardants, remove them all using a common available tool.

4) LCD Module

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

LCD Module

3. Product Disassembly Process

5) Power cord and signal cables

A Power cord plugged into the back of the display can easily be removed by hand or cables are provided as de-attached from the product

Power cord：1 EA
HDMI: 1 EA
DP: 1 EA
USB-C: 1 EA

3. Product Disassembly Process

6) Capacitors > 25 mm

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

4. Disassembly of External enclosure

Unscrew the stand base by hand (Do not use Screw Driver)

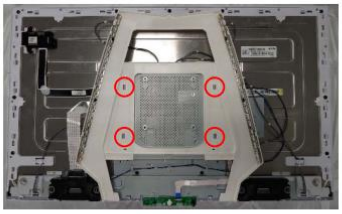
Push button and lift the stand body and remove the screw(4EA)

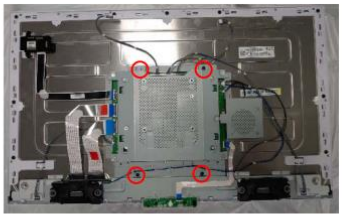
Put the jig on Right Bottom side

4. Disassembly of External enclosure

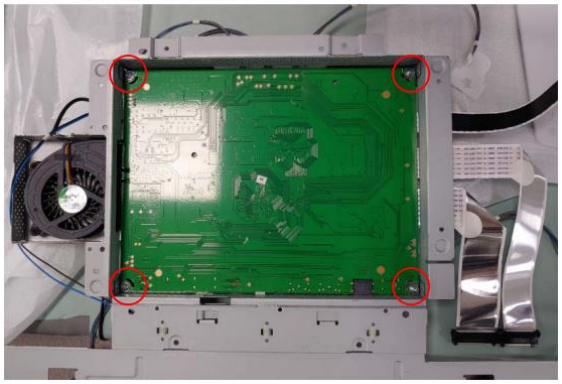
Disassemble the back cover with JIG by following direction

Disassemble Lighting Bracket's latch 4EA and disassemble Screw 4EA of Rear Shield Assy





Disassemble screw 4EA of Main PCB



LCD Module

5. Exploded Diagram of Parts