

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	32SQ700S This document covers derivation model which has same conceptual design and dismantling process

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

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	Location
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 square cm	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)		-	
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		-	
Components and waste containing asbestos		-	
Components, parts and materials containing refractory ceramic fibers		-	
Components, parts and materials containing radioactive substances		-	

2. Tools Required

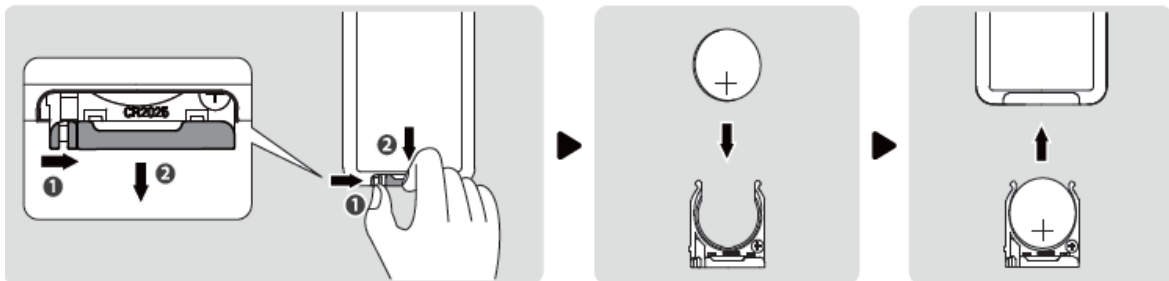
List the type that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool information
Screw driver	 
Nipper	
Plastic Hera Jig	

3. Product Disassembly Process

1. Batteries

Remove the battery cover from the remote control. It can be easily removed with hand.

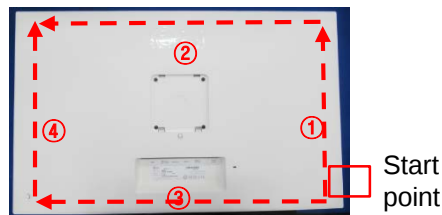


Batteries can easily be removed from the PCB Assembly once the back cover of product has been removed.

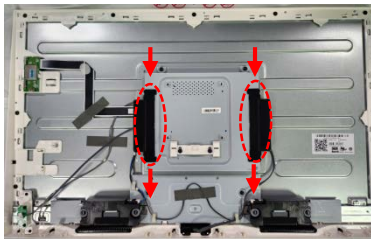
3. Product Disassembly Process

2. PCBs and LCD Module

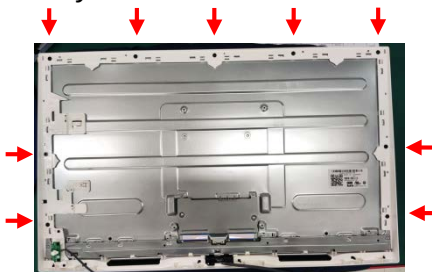
The back cover of the display can easily be removed by Jig and screw driver.



Remove side cover, cable and screw. After that can get electronic units (PCBs). It can be easily removed with hand and screw driver.



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



Main Board



Control Board



LCD Module & S_PCB



Adapter PCB



3. Product Disassembly Process

3. Power cord and signal cables

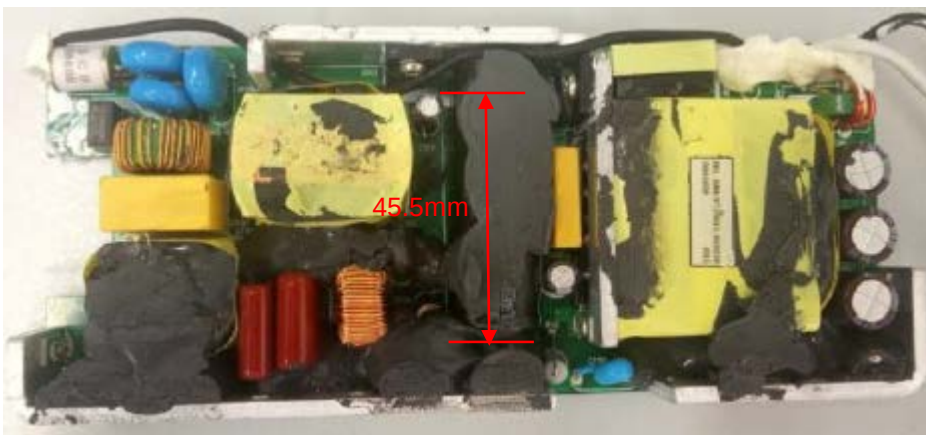
A Power cord plugged into the back of the display can easily be removed by hand or cables are provided as de-attached from the product



Adapter, HDMI cable

4. Capacitors > 25 mm

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



4. Disassembly of External enclosure

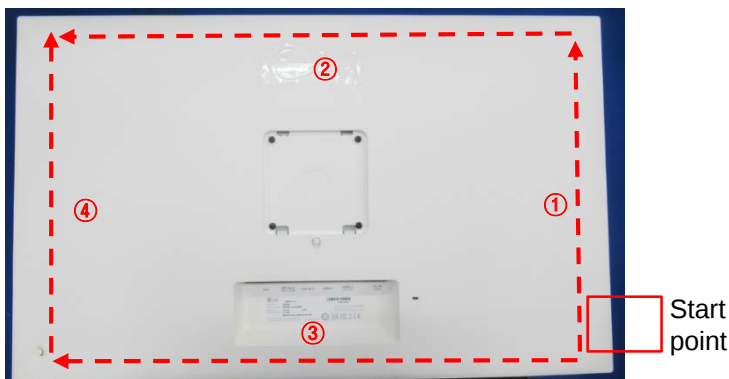
Set up Monitor set with the back cover upside and Unscrew the stand base



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

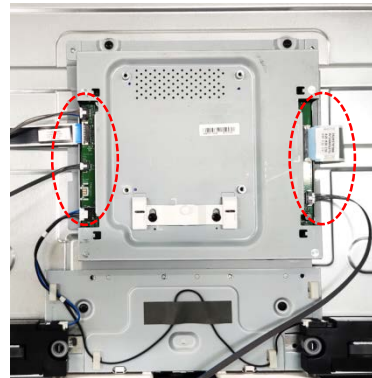
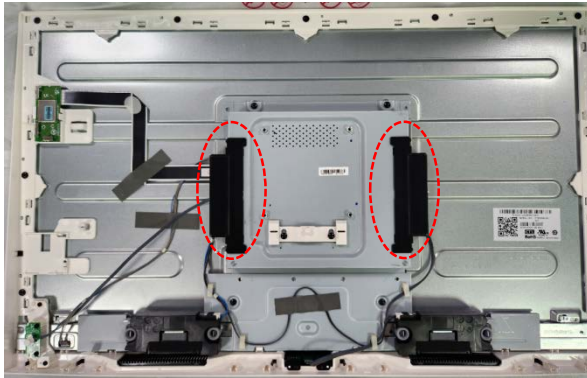


Remove the back cover by using the plastic hera

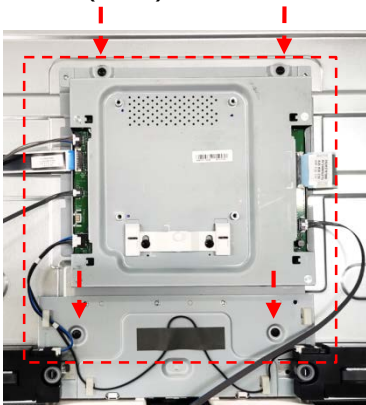


4. Disassembly of External enclosure

Remove Side cover(2EA) & Cables



Remove Screw(4EA) & Rear Shield assy



Remove Screw(9EA) & Middle cabinet

