# Product End-of-Life Disassembly Instructions

**Product Category:** Monitors and Displays  
**Marketing Name / Model**  
[List multiple models if applicable.]  
OMEN by HP 27 27-in Display

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**Purpose:** The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

## 1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.  
1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Notes</th>
<th>Quantity of items included in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)</td>
<td>With a surface greater than 10 sq cm I/F Board<em>1, Control Board</em>1, Audio Board<em>1, LED Board</em>1, LED Driver Board<em>1, G-sync Board</em>1</td>
<td>6</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</td>
<td>0</td>
</tr>
<tr>
<td>Mercury-containing components</td>
<td>For example, mercury in lamps, display backlights, scanner lamps, switches, batteries</td>
<td>0</td>
</tr>
<tr>
<td>Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm</td>
<td>Includes background illuminated displays with gas discharge lamps panel*1</td>
<td>1</td>
</tr>
<tr>
<td>Cathode Ray Tubes (CRT)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>In adapter (C1)</td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>DP cable<em>1, USB3.0 cable</em>1, Power cord<em>1, Adapter</em>1 All are inside monitor carton box</td>
<td>4</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants weighing &gt; 25 grams (not including PCBs or PCAs already listed as a separate item above)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner</td>
<td>Include the cartridges, print heads, tubes, vent chambers, and service stations.</td>
<td>0</td>
</tr>
</tbody>
</table>

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PSG instructions for this template are available at [EL-MF877-01](#)
Components and waste containing asbestos | 0
Components, parts and materials containing refractory ceramic fibers | 0
Components, parts and materials containing radioactive substances | 0

### 2.0 Tools Required

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

<table>
<thead>
<tr>
<th>Tool Description</th>
<th>Tool Size (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw driver</td>
<td></td>
</tr>
<tr>
<td>Hexagon Screw Driver</td>
<td></td>
</tr>
<tr>
<td>Diagonal cutting nippers</td>
<td></td>
</tr>
<tr>
<td>Nosed pliers</td>
<td></td>
</tr>
</tbody>
</table>

### 3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Use quick release button to separate head and stand.
2. Use tool to release the two screws and disassemble the rear cover by hand.
3. Remove the tape and disassemble the wire.
4. Remove the conductive tape and the screw at the hinge.
5. Remove the yellow tape and disassemble the backlight wire, four LVDS FFC and ambient light board.
6. Separate LVDS FFC and ambient light FFC, remove the AL-mylar, release the screw on PCBs, tear the gaskets, thermal pad and mylar.
7. Release the screw on mid-frame to remove the deco and panel.
8. Remove the tape and release the screw on rear-cover to remove the ctrl board and audio board, disassemble the RC lens.
9. Remove two parts LOGO on the rear cover.
10. Remove the lens on the deco and tear the mylar.
11. Remove the screws form column, and separate plastic part.
12. Remove cable clip
13. Remove the screw from hook, and remove hook

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).
Step 1: Use quick release button to separate head and stand.
Step 2: Use tool to release the two screws and disassemble the rear cover by tool.
Step 3: Remove the tape and disassemble the wire.

Step 4: Remove the conductive tape and the screw at the hinge.

PSG instructions for this template are available at EL-MF877-01
Step 5: Remove the yellow tape and disassemble the backlight wire, four LVDS FFC and ambient light board.
Step 6: Separate LVDS FFC and ambient light FFC, remove the AL-mylar, release the screw on PCBs, tear the gaskets, thermal pad and mylar.
PSG instructions for this template are available at EL-MF877-01
Step 7 Release the screw on mid-frame to remove the deco and panel.
Step 8: Remove the tape and release the screw on rear-cover to remove the ctrl board and audio board, disassemble the RC lens.
PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01)
Step 9: Remove two parts LOGO on the rear cover.
Step 10: Remove the lens on the deco and tear the mylar.

Step 11: Remove the screws form column, and separate plastic part.

PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01).
Step 12: Remove cable clip

PSG instructions for this template are available at EL-MF877-01
Step 13: Remove the screw from hook, and remove hook
Step 14: Remove the screw from BKT, and remove life module, and disassemble lift module.
Step 15: Remove the rubber from base
PSG instructions for this template are available at [EL-MF877-01](#).