# Product End-of-Life Disassembly Instructions

**Product Category:** Monitors and Displays

**Marketing Name / Model**
[List multiple models if applicable.]

HP EliteDisplay E232 23-inch Monitor

**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 IF BD, POWER BD, F/K BD, Webcam BD</td>
<td>4</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</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>Power BD only (C805)</td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>USB cable, VGA cable, DP cable, Power cord</td>
<td>4</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</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>
<tr>
<td>Components and waste containing asbestos</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
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>Description #1 SCREW DRIVER(PHILLIPS HEAD)</td>
<td>#2</td>
</tr>
<tr>
<td>Description #2 SCREW DRIVER(HEX HEAD)</td>
<td></td>
</tr>
<tr>
<td>Description #3</td>
<td></td>
</tr>
<tr>
<td>Description #4</td>
<td></td>
</tr>
<tr>
<td>Description #5</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. Remove Stand/Base Assy From Display Head
2. Remove Rear Cover Assy From Display Head
3. Remove Chassis from Display
4. Disassembly USB Bracket ASSY
5. Disassembly Bracket ASSY
6. Disassembly Front cover ASSY
7. Disassembly Base ASSY from stand
8. Disassembly Base ASSY
9. Disassembly VESA ASSY from stand ASSY
10. Disassembly stand ASSY
11. Disassembly Panel ASSY
12. Removing C/Shield of panel
13. Taking C/Top apart of panel
14. Taking B/Ass'y off
15. Removing 2ea of B/L Screw
16. Removing Guide Panel
17. Removing optical sheets(ea)
18. Removing LGP
19. Removing reflector
20. Removing LED

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).
HP E232 Disassembly Process

- ME-RD
- Mechanical Engineer
- MAY-19-2015
Pick up display head.
Remove Stand Base From Display Head

Push the release button

Remove Stand Base From Display Head.
Remove Rear Cover From Display Head

Remove four wall mount screws from display head.

Detachable Rear Cover From Display Head.
Remove display movement

- Remove Al foil
- Remove connector

Function key
Bracket ASSY
USB bracket ASSY
Disassembly USB Bracket ASSY

Remove 2 screw

USB cover  Screw  USB PCB
Disassembly Bracket ASSY

Remove screw

Bracket

IF board

Power board
Disassembly Front cover ASSY

- Panel
- Front cover ASSY
- Front cover
- Function key
- Power key
Disassembly Base ASSY Front stand

Remove 4 screw

Detachable part

Stand ASSY

Base ASSY
Disassembly Base ASSY

- Tear down 4 rubber
- Remove 4 screw
- Detachable base back cover
- Detachable base bracket
Disassembly VESA ASSY from stand ASSY

1. Remove 3 screw

2. Detachable VESA ASSY and pivot cover

3. Remove 4 screw and tear down VESA plastic

4. Detachable hinge cover

5. Remove 2 screw
Disassembly Stand ASSY

Tear down lift cover

Tear down riser front cover

Remove 6 screws
Disassembly Stand ASSY

Tear down riser rear cover

Tear down swivel cover
Panel disassembly

Step 1. Removing C/Shield

Step 2. Taking C/Top apart

Step 3. Taking B/Ass’y off

Step 4. Removing 2ea of B/L Screw
Panel disassembly

Step 5. Removing Guide Panel

Step 6. Removing optical sheets (3ea)

Step 7. Removing LGP

Step 8. Removing reflector
Panel disassembly

**Step 9. Removing LED**

**Step 10. LED only**
Thank You !!!