Product End-of-Life Disassembly Instructions

Product Category: Monitors and Displays

Marketing Name / Model
[List multiple models if applicable.]
HP Z27n 27-inch Narrow Bezel IPS Display

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.

| Item Description                                                                 | Notes                                                                 | Quantity of items included in product |
|----------------------------------------------------------------------------------|                                                                     |                                      |
| Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)                  | With a surface greater than 10 sq cm I/F Board*1, Power Board*1, Control Board*1, Key BD*1 | 4                                      |
| Batteries                                                                        | All types including standard alkaline and lithium coin or button style batteries | 0                                      |
| Mercury-containing components                                                    | For example, mercury in lamps, display backlights, scanner lamps, switches, batteries | 0                                      |
| Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm              | Includes background illuminated displays with gas discharge lamps Panel*1 | 1                                      |
| Cathode Ray Tubes (CRT)                                                          |                                                                      | 0                                      |
| Capacitors / condensers (Containing PCB/PCT)                                     |                                                                      | 0                                      |
| Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height | Power board (C651, C652) | 2                                      |
| External electrical cables and cords                                             | DP cable*1, miniDP/DP cable*1, USB3.0 Cable*1, Power cord*1 All are inside monitor carton box | 4                                      |
| Gas Discharge Lamps                                                              |                                                                      | 0                                      |
| Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above) |                                                                   | 0                                      |
| Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner | Include the cartridges, print heads, tubes, vent chambers, and service stations. | 0                                      |

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>Hexagonal inserted handle box wrench</td>
<td></td>
</tr>
<tr>
<td>Diagonal cutting nippers</td>
<td></td>
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<tr>
<td>Description #4</td>
<td></td>
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<tr>
<td>Description #5</td>
<td></td>
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</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 tool to separate head and stand.
2. Use tool to release screws and disassemble the rear cover by hand.
3. Separate rubber and RC by hand.
4. Tear AL-tape and acrylic adhesive tape off and separate FFC wire from connector.
5. Remove USB SHD and use tool to release screw. --> Separate USB BD from Main Chassis.
6. Take the lamp wire off from panel and use tool to release side mount screws.
7. Use tool to release screws on PCBs. Then tear down the gaskets, rubber and AL tapes on main chassis and separate all connector on PCBs.
8. Use tool to release screws on CTRL BD and take Ctrl BD off from assy-BZL.
9. Use tool to separate OSD-BTN and PWR-BTN parts from BZL. And use pin at back side to separate the logo.
10. Use tool to release screws and separate VESA BKT from stand.
11. Separate cable clip from stand by hand.
12. Separate Lift front CVR from stand by hand and use tool to release screws --> separate Lift back CVR from stand.
13. Use tool to release screws --> separate tilt CVR from stand.
14. Separate Clum front CVR from stand by hand and use tool to release screws --> separate Clum back CVR from stand.
15. Tear all rubbers and release screws on base.
16. There are capacitors on Interface BD, PWR BD and USB BD

#### 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 screws and disassemble the rear cover by hand.

Step 3: Use tool to cocked and disassemble the rear cover by hand.
Step 4: Remove the three conductive tape
Step 5: Pull out LED Ctrl PCB & LVDS connector
Step 6: Use tool to release screws and disassemble the bezel trim by hand.
Step 7: Use tool to release screws and disassemble the rear cover by hand.

Step 8: Use tool to release side mount screws.
Step 9: Use tool to release screws on PCBs. Then tear down the gaskets, rubber and mylar on main chassis and separate all connector on PCBs
Step 10: Dissociate Power PCB & IF PCB

PSG instructions for this template are available at EL-MF877-01
Step 11: Dissociate ctrl PCB & bezel SHD

PSG instructions for this template are available at EL-MF877-01
Step 12: Use tool to release screws and separate base

Step 13: Use tool to release screws and separate base cover.
Step 14: Use tool to release screws and separate VESA from stand

Step 15: Disassemble the middle cover by hand
Step 16: Disassemble the front cover and back cover by hand.

Step 17: Use tool to release screws and separate front cover.
Step 18: Use tool to release screws and separate middle BKT

Step 19: Use tool to release screws and separate constant force springs BKT and constant force springs.
Step 20: Use tool to release screws and separate slider.