Product End-of-Life Disassembly Instructions

Product Category: External Options Monitor and Display

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

<table>
<thead>
<tr>
<th>HP EliteDisplay E324q 31.5-inch Monitor</th>
</tr>
</thead>
</table>

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HPI products to remove components and materials requiring selective treatment, as defined by EU directive 2012/19/EC, Waste Electrical and Electronic Equipment (WEEE).

NOTE: Recyclers should sort plastic materials into resin streams for recycling based on the ISO 11469 plastic marking code on the plastic part. For any questions on plastic marking, please contact HP’s Sustainability Contact.

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</td>
<td>4</td>
</tr>
<tr>
<td>Batteries, excluding Li-Ion batteries.</td>
<td>All types including standard alkaline, coin or button style batteries</td>
<td>0</td>
</tr>
<tr>
<td>Li-Ion batteries. Include all Li-Ion batteries if more than one is provided with the product (such as a detachable notebook keyboard battery, RTC coin cell, etc.)</td>
<td>Battery(ies) are attached to the product by (check all that apply with an “x” inside the “[ ]”): [ ] screws [ ] snaps [ ] adhesive [ ] other. Explain ____</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 (PT501)</td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>Power cord, HDMI cable, DP cable, USB C to C, USB A to B</td>
<td>5</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>
</tbody>
</table>

HPI instructions for this template are available at EL-MF877-01
### 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>#1</td>
</tr>
<tr>
<td>Description #2 SCREW DRIVER(PHILLIPS HEAD)</td>
<td>#2</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 including the required steps to remove the external enclosure:

1. Remove Cable From Display Head
2. Remove Stand Base From Display Head
3. Remove Rear Cover From Display Head
4. Remove Bracket Assembly From Display Head
5. Remove Interface, Power and Drive BD From Bracket Assembly
6. Remove MF And Thin From Panel Assembly
7. Remove OSD Key And Side USB From Rear Cover Assembly
8. Remove Stand From Stand Assembly
9. Remove Stand From Stand Assembly
10. 
11. 
12. 
13. 
14. 
15. 

HPI instructions for this template are available at [EL-MF877-01](#)
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).
Altuve E324 Disassemble Process

Prepare By: Johnny Zhao/
Zijie Lin
Date : 2019/01/25
1. Remove Cable From Display Head by Hand
2. Remove Stand Base From Display Head by Hand
3. Remove Rear Cover From Display Head

- Release four screws by #1 Screwdriver (PHILLIPS HEAD)
- Pull up the rear cover
- Remove the cable by hand by hand
- Pull up the rear cover
4. Remove Bracket Assembly From Display Head by Hand

- Remove two cables
- Remove five screws
- Remove IO cover
- Remove cable
5. Remove Interface, Power and Drive BD From Bracket Assembly

- Remove mylar by hand
- Remove eleven screws by #2 Screwdriver (PHILLIPS HEAD)
- Remove cable by hand
6. Remove MF And Thin From Panel Assembly

Remove fifteen screws by #1 Screwdriver (PHILLIPS HEAD)

Remove four screws by #1 Screwdriver (PHILLIPS HEAD) and take out thin
7. Remove OSD Key And Side USB From Rear Cover Assembly

- Remove OSD key by hand
- Remove two screws by #2 Screwdriver (PHILLIPS HEAD)
- Remove two screws and two cables, take out side USB by hand
- Take out BD
8. Remove Stand From Stand Assembly

Rotate knurled screw and rotate the base counterclockwise by hand.

This green arrow is lock sign on base plate.

This green arrow is unlock sign on base plate.
9. Remove Stand From Stand Assembly

Remove Base cover and Bracket by hand

Remove four screws by #1 Screwdriver (PHILLIPS HEAD)
01. Back side fixed tape disassembly

Use your fingers to tear off the tape and place it on the back.
02. Back side Shielding disassembly

#1 Screwdriver (PHILLIPS HEAD)

Use cross screwdriver to unlock the four screws
Lift up the source board that stick by double tape
04. Front side OC disassembly

Use film to separate the OC and MF.

Note: there will be residual gum on the OC and MF. It is easy to tear off by hand. (as next page)
residual gum on OC

residual gum on MF
5. Front side middle frame disassembly

loose all the hooks by hand
06. Film side fixed tape disassembly

Use your fingers to tear off the tape
07. Take out 3pcs film

Note: use hand to carry the suspension loop left and right side to take out the film.
08. Take out LGP

Use tape to stick one bottom corner of the LGP, then take it out.

Note: Use hand to hold the two sides when take out LGP.
09. Take out reflector

Use tape to stick one bottom corner of the reflector plate, then take it out.
10. Take out light bar

use knife to separate light bar and BC then take out light bar

note: Light bar can’t be reused after take out
Thank You !!!