Product End-of-Life Disassembly Instructions

Product Category: External Options
Marketing Name / Model [List multiple models if applicable.]
1U Rackmount Keyboard with USB / All languages

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	6
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	0
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		0
External electrical cables and cords	All electrical cables and cords supplied may not have been in use by customer. The quantity and type of cords used by the customer are dependant on how the customoer chose to install and use the TFT7600.	5
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants		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
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.

Tool Description	Tool Size (if applicable)
Phillips screwdriver	#2
Torx screwdriver	T8, T10, T15
Nut driver	TBD
Flat blade screwdriver	#1

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.
2. Cable Management Arm Assembly: Using a T15 Torx screwdriver, remove the two screws that secure the plastic cable management arm to the metal cable management arm brace.
3. System Disassembly: Using a T15 Torx screwdriver, remove the 3 screws that secure the left and right slides to the 1U Keyboard
4. System Disassembly: Facing the rear of the unit and using a T15 Torx screwdriver, remove the 6 screws that secure the rear enclosure to the system chassis.
5. System Disassembly: Turn the 1U keyboard updside down on a workbench and using a T15 Torx screwdriver, remove the 8 screws that secure the palm rest assembly to the system chassis. After removing the 8 screws turn the 1U keyboard right side up on the work bench. Gently slide the palm rest assembly in the direction away from the rear of the unit and lift it off of the system chassis. Note there will be a cable that will still be attached that connects the palm rest assembly to the remainder of the 1U keyboard. Disconnect the touchpad cable from the palm rest assembly and the keyboard controller circuit board. See photo #1
6. Palm rest disassembly: With palm rest assembly upside down on work bench, pull the flat white ribbon cable out from both connectors that it is connected to. Note you may need to gently slide the locking tabs on the connectors in order to remove the cable. See photo #1
7. Palm rest disassembly: Using a T10 Torx screwdriver remove the two screws that secure the button printed circuit board assembly. See photo #1
8. Palm rest disassembly: Using a flat blade screwdriver, pry the touchpad assembly away from the plastic. Note that the touchpad assembly is secured to the plastic with adhesive. See photo #1
9. Palm rest disassmbly: Unplug the cable that connects the LED printed circuit board in the palm rest assembly. Using a T10 Torx screwdriver, remove the two screws that secure the silver palm rest bezel and LED printed ciruit board from the palm rest. See photo #2
10. Palm rest disassembly: Using a flat blade screwdriver, pry the magnet located to the left of the large keyboard opening free from the palm rest.
11. Base disassembly: Unplug all cables connected to the printed circuit board located below the keyboard. Using a T15 Torx driver remove the 4 screws securing the printed circuit board. Remove the printed circuit board from the base. See photo #3
12. Base disassembly: Using a T15 Torx screwdriver, remove the 2 screws that secure the metal cover located above the keyboard. Remove the metal cover from the base assembly. Remove the cable that connects the two printed circuit boards. Remove the small printed circuit board that is near the rear wall of the chassis. See photo #4
13. Base disassembly:Using a T15 Torx screwdriver, remove the 2 screws that secure the printed circuit board located above the keyboard. Using a "nut driver" remove the four screwlocks that secure connectors. Remove the printed circuit board from the base assembly. See photo #5
14. Base disassembly: Turn base assembly upside down. Using a T8 Torx screwdriver remove the 4 screws that secure the keyboard. Remove keyboard from the base.
15. Remove all labels that are present.

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).


Photo #1

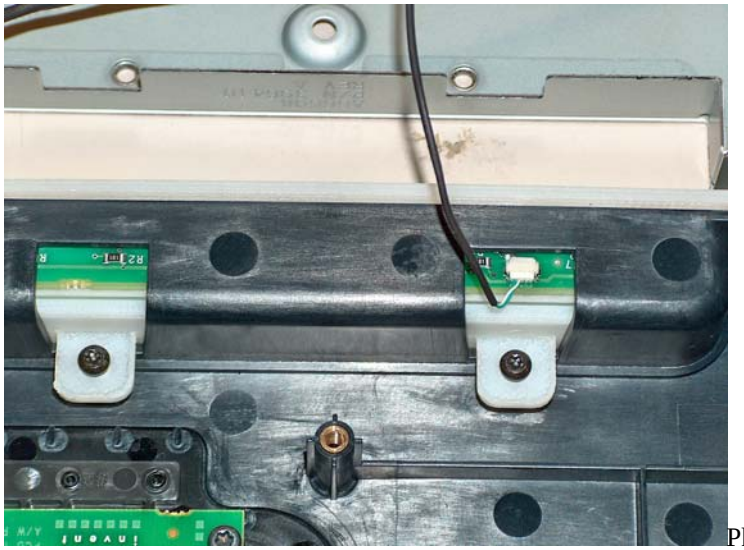
Photo #2


Photo #3

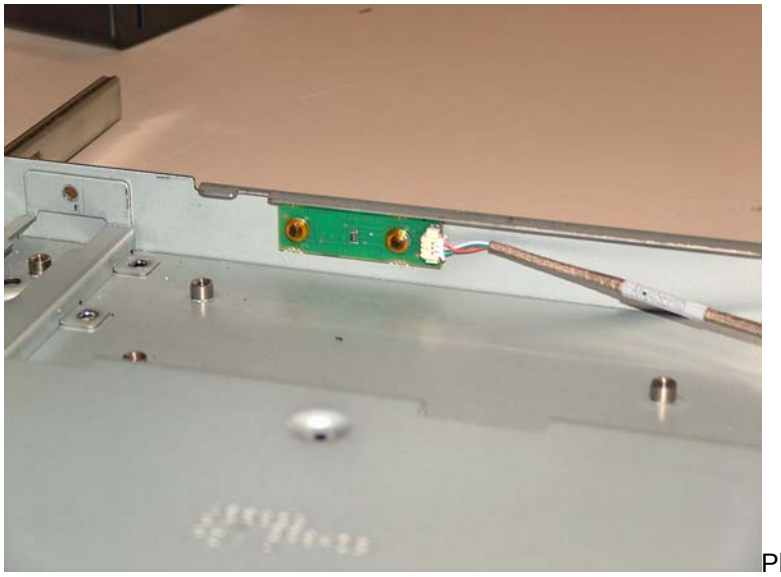
Photo #4


Photo #5