



HP DesignJet T850 / T870 / T950 Printer Series

Introductory Information

SUMMARY

Before using your printer, read, understand, and follow the Introductory Information.

Legal information

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Edition 1

Legal notices

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1 HP DesignJet T850 / T870 / T950 Printer Series

This introductory document includes legal notices and safety instructions, describes the use of the control panel, and lists error messages that you may encounter.

What is it?

Your printer is a four color inkjet plotter designed to deliver CAD / construction drawings as well as high quality graphics.

Where is the user guide?

User documentation and resources for your printer.

The user guide for your printer can be downloaded from the HP website at the following links:

- HP DJ T850: <http://www.hp.com/go/DesignJetT850/manuals>
- HP DJ T870: <http://www.hp.com/go/DesignJetT870/manuals>
- HP DJ T950: <http://www.hp.com/go/DesignJetT950/manuals>

Further information is available from the HP website at the following links:

- HP DJ T850: <http://www.hp.com/go/DesignJetT850/support>
- HP DJ T850MFP: <http://www.hp.com/go/DesignJetT850MFP/support>
- HP DJ T870: <http://www.hp.com/go/DesignJetT870/support>
- HP DJ T950: <http://www.hp.com/go/DesignJetT950/support>
- HP DJ T950MFP: <http://www.hp.com/go/DesignJetT950MFP/support>

You can find the software for your printer on the HP website at the following links:

- HP DJ T850: <http://www.hp.com/go/DesignJetT850/software>
- HP DJ T850MFP: <http://www.hp.com/go/DesignJetT850MFP/software>
- HP DJ T870: <http://www.hp.com/go/DesignJetT870/software>
- HP DJ T950: <http://www.hp.com/go/DesignJetT950/software>
- HP DJ T950MFP: <http://www.hp.com/go/DesignJetT950MFP/software>

Videos about how to use the printer can be found on:

- The HP website at the following link: <http://www.hp.com/supportvideos>

- YouTube at the following link: <http://www.youtube.com/HPPrinterSupport>

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For some countries/regions a printed HP Limited Warranty is provided in the box. In countries/regions where the warranty is not provided in printed format, you may request a printed copy from the HP website at the following link: <http://www.hp.com/go/orderdocuments>.

You can find the Declaration of Conformity by searching for BCLAA-2201-MF, BCLAA-2201-SF or BCLAA-2502-SF on the HP website at the following link: <http://www.hp.eu/certificates>.

Safety guidelines

Ensure the proper use of the printer to prevent it from being damaged.

Follow these precautions at all times:

- Use the power-supply voltage specified on the label. Avoid overloading the printer's electrical outlet with multiple devices.
- Do not disassemble or repair the printer yourself. Do not remove the top trim. Contact your local HP Service Representative for service.
- Use only the electrical cord supplied by HP with the printer. Do not damage, cut, or repair the power cord. A damaged power cord can cause fire or electric shock. Replace a damaged power cord with an HP-approved power cord.
- Do not operate the printer with the covers bypassed.
- Beware that a paper roll does not drop onto your feet or trap your hand and fingers during the paper roll load/unload process.
- Do not allow metal or liquids (except those used in HP Cleaning Kits) to touch the internal parts of the printer. Doing so may cause fire, electric shock, or other serious hazards.
- Do not climb or sit on the printer. It may tip over or lose stability.
- Power off the printer and unplug the power cord from the power outlet in any of the following cases:
 - When placing your hands inside the printer.
 - If there is smoke or an unusual smell coming from the printer.
 - If the printer is making an unusual noise not heard during normal operation.
 - If a piece of metal or a liquid (not part of cleaning and maintenance routines) touches internal parts of the printer.
 - During an electrical (thunder/lightning) storm.

- During a power failure.
- To avoid being pinched, keep your fingers away from the gap between the bottom of the printer and the stand while you're moving the printer with stand.
- Before servicing the printer.

Electrical shock hazard

This topic explains the concepts involved in this subject.

⚠ WARNING! The internal circuits of the built-in power supplies and power inlet operate at hazardous voltages capable of causing death or serious personal injury.

Unplug the printer's power cord before servicing the printer.

The printer requires a building installation circuit breaker, which must meet the requirements of the printer and should be in accordance with the Electrical Code requirements of the local jurisdiction of the country in which the equipment is installed.

To avoid the risk of electric shock:

- Avoid overloading the printer's electrical outlet with multiple devices.
- Do not remove or open any closed system covers or plugs.
- Do not insert objects through slots in the printer.
- Take care not to trip over the cables when walking behind the printer.
- Insert the power cord securely and completely into the wall socket and printer inlet.
- Never handle the power cord with wet hands.

Fire hazard

This topic explains the concepts involved in this subject.

To avoid the risk of fire, take the following precautions:

- The customer is responsible for meeting the printer's requirements and the Electrical Code requirements according to the local jurisdiction of the country where the printer is installed. Use the power supply voltage specified on the nameplate.
- Use only the power cord supplied by HP with the printer. Do not use a damaged power cord. Do not use the power cord with other products.
- Do not insert objects through slots in the printer.

Take care not to spill liquid on the printer. After cleaning, make sure all components are dry before using the printer again.

Do not use aerosol products that contain flammable gases inside or around the printer. Do not operate the printer in an explosive atmosphere.

Do not block or cover the openings of the printer.

Mechanical hazard

This topic explains the concepts involved in this subject.

The printer has moving parts that could cause injury.

To avoid personal injury, take the following precautions when working close to the printer::

- Keep your clothing and all parts of your body away from moving parts.
- Avoid wearing necklaces, bracelets, and other hanging objects.
- If your hair is long, try to secure it so that it will not fall into the printer.
- Take care that sleeves or gloves do not get caught in moving parts.
- Do not operate the printer with covers bypassed.
- If you need to replace the cutter assembly, take care not to cut yourself on the sharp cutting edge.
- Internal fan blades are hazardous moving parts.
- Disconnect the printer before servicing.
- Never insert your hands into the printer while it is printing, due to the moving parts inside.
- Do not climb onto or sit on the printer. It may lose stability and tip over.

When installed desktop printer models:

- Ensure the surface of the support table is always bigger than the printer
- Ensure the printer is located all inside the support table
- The support table must be selected to bear at least 2 times the weight of the printer plus the roll paper, sheet papers on the tray and ink supplies.
- Do not use the support table to locate other equipment or printer consumables.

Control panel

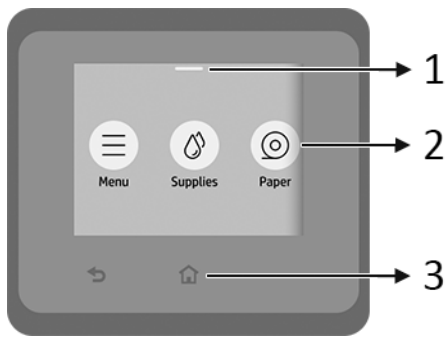
The control panel is a touch-sensitive screen with a graphical user interface located on the front left of the printer.







The control panel gives you complete control of your printer. From it you can print, view information about the printer, change printer settings, perform calibrations and tests etc. It also displays alerts (warning and error messages) when necessary. The following sections with diagrams and lists provide a quick reference to the main features. Choose your printer model from the following: [HP DJ T850 / T870 on page 4](#), [HP DJ T950 on page 5](#), or [HP DJ T850MFP/T950MFP on page 6](#).

HP DJ T850 / T870

The control panel lets you access printer functionalities, check status, monitor and manage current and scheduled printer tasks.

2.7 inch control panel

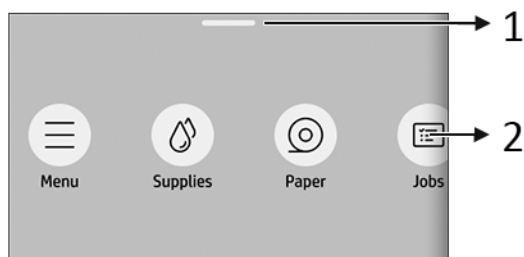



1. **Status center:** Swipe down at the top of the screen to open.
2. **Home screen icons:**
 - **Menu icon** 
 - **Supplies icon** 
 - **Paper icon** 
 - **Jobs icon** 
3. **Others:**
 - **Go back icon** 
 - **Home icon** 




HP DJ T950

The control panel lets you access printer functionalities, check status, monitor and manage current and scheduled printer tasks.

4.3 inch control panel



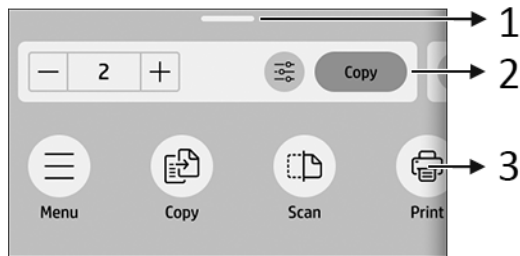
1. **Status center:** Swipe down at the top of the screen to open.
2. **Home screen icons:**
 - **Menu icon** 

- **Supplies icon** 
- **Paper icon** 
- **Jobs icon** 

HP DJ T850MFP/T950MFP

The control panel lets you access printer functionalities, check status, monitor and manage current and scheduled printer tasks.

4.3 inch control panel










1. **Status center:** Swipe down at the top of the screen to open.

2. **Home widgets:**

- **Copy**
- **Scan**

3. **Home screen icons:**

- **Menu icon** 
- **Copy icon** 
- **Scan icon** 
- **Print icon** 
- **Jobs icon** 
- **Supplies icon** 
- **Paper icon** 

Mobile printing

You can print straight from your smartphone or tablet.

- The recommended solution is the HP app, which enhances your printing capabilities and enables scanning and sharing from your phone or tablet:

You can obtain the latest iOS version from the Apple Store website at: [Apple Store](#)

You can obtain the latest Android version from the Google Store website at: [Google Play Store](#).

- Alternatively, you can use other options:
 - **For Apple iOS printing**
 - For Apple devices: you can print directly via AirPrint, which comes pre-installed in iOS devices.
 - **For Android printing:**
 - You can print directly through the native print option that comes preinstalled in Android devices and is available in some apps (Android Default Print Service).
 - You can install Mopria Print Service Plugin. Obtain the latest version from the Google Play website at: [Google Play Store - Mopria](#).
 - You can install the HP Print Service Plugin. Obtain the latest version from the Google Play website at: [Google Play Store - HP Print Service Plugin](#).
 - **For ChromeOS printing:**
 - You can use the Chrome Native Print system, which comes pre-installed in ChromeOS devices. For more information about how to print with ChromeOs check: [HP printer setup \(Chromebook\) | HP® Support](#)[HP printer setup \(Chromebook\)](#)

For more information, visit the HP website at: <http://www.hp.com/go/designjetmobility>.

Control-panel error codes

The printer may occasionally display a system error, which consists of a numerical code followed by the recommended action that you should take.

In most cases you will be asked to restart the printer, because when the printer starts it can diagnose the issue better and may be able to fix it automatically. If the problem persists after restarting, you should contact your HP support representative and be ready to give the numerical code from the error message.

If the error message contains some other recommended action, follow the printer's instructions.

Power specifications

Use the electrical cord supplied with the printer and the power supply voltage specified on the label. Avoid overloading the printer's electrical outlet with multiple devices.

Table 1-1 Printer power specifications

Type	Values
Source	100-240 V ac \pm 10%, auto-ranging
Frequency	50/60 Hz
Maximum current	1200 mA
Average consumption	35 W

Environmental specifications

Recommended operating and storage temperature and humidity.

Table 1-2 Printer environmental specifications

Type	Values
Operating temperature	5 to 40 °C (41 to 104 °F)
Recommended operating temperature	15 to 35 °C (59 to 95 °F), depending on paper type
Storage temperature	-25 to 55 °C (-13 to 131 °F)
Recommended operating humidity	20 to 80% RH, depending on paper type
Storage humidity	0 to 95% RH
Maximum altitude when printing	3000 m (9850 ft)

Physical specifications

The weight and dimensions of the printer.

Table 1-3 Printer physical specifications

Specification	HP DJ T850	HP DJ T850MFP	HP DJ T870	HP DJ T950	HP DJ T950MFP
Weight	47.4 kg (104.5 lb) (w/o paper roll)	59 kg (130.1 lb) (w/o paper roll)	38 kg (83.7 lb) (w/o paper roll)	56.6 kg (124.8 lb) (w/o paper roll)	71 kg (156.5 lb) (w/o paper roll)
Width	1407 mm (55.4 in)	1407 mm (55.4 in)	1102 mm (43.4 in)	1407 mm (55.4 in)	1407 mm (55.4 in)
Depth	695 mm (27.4 in)	914 mm (36 in) (output bin extended) 701 mm (27.6) (output bin closed)	890 mm (35.3 in) (basket and tray extended) / 695 mm (27.3 in) (basket and tray closed)	982 mm (38.7 in) (soft stacker extended) 737 mm (29 in) (soft stacker closed)	988 mm (38.9 in) (soft stacker extended) 720 mm (28.3 in) (soft stacker closed)
Height	965 mm (38 in)	967 mm (38.1 in)	1010 mm (39.7 in) (tray extended) 965 mm (38 in) (tray closed)	965 mm (38 in)	967 mm (38.1 in)

Acoustic specifications

Declared noise emission levels for the HP DesignJet T850 / T870 / T950 Printer Series. Sound pressure levels at bystander positions and sound power levels measured per ISO 7779.

Table 1-4 Printer acoustic specifications

Description	Specification
Idle sound power	< 3.4 B (A)
Operating sound power	5.6 B (A)

Table 1-4 Printer acoustic specifications (continued)

Description	Specification
Idle sound pressure	< 16 dB (A)
Operating sound pressure	40 dB (A)