Jetdirect 2800w NFC & Wireless Direct Accessory

User Guide

HP Jetdirect 2800w NFC & Wireless Direct Accessory

Introducing the HP Jetdirect 2800w NFC & Wireless Direct Accessory

The HP Jetdirect 2800w NFC & Wireless Direct Accessory provides your HP printer with near field communication (NFC) capabilities, which enables an easy one-to-one HP wireless direct print connection using a simple device-to-device touch.

Mobile device users can quickly connect to the printer and print documents and images from a mobile device, such as a smartphone or tablet, just by touching it to the printer's NFC antenna.

Before using this feature, verify that both the mobile device and the printer support NFC. For a list of supported HP printers, see: HP Jetdirect 2800w supported printers on page 20.

The HP Jetdirect 2800w also provides HP wireless direct, so you can print from a wireless mobile device directly to an HP wireless direct-enabled printer without requiring a connection to a network or the Internet. For information about HP wireless direct, see: How to print using HP wireless direct.

Use HP wireless direct to print from the following devices:

- iPhone, iPad, or iPod touch using AirPrint or the HP ePrint App.
- Android mobile devices using the HP ePrint App or Android embedded print solution.
- Symbian mobile devices using the HP ePrint Home & Biz App.
- PC and Mac devices using the HP ePrint Software.

For more information

Installation guide

- HP Jetdirect 2800w NFC & Wireless Direct Accessory Installation Guide

  Provides installation instructions.

HP support topics

- HP Jetdirect 2800w supported printers on page 20

  View a list of supported printers.

- HP LaserJet Mobile Printing matrix
- HP Mobile Printing
- HP Jetdirect 2800w NFC & Wireless Direct Accessory - Warranty and regulatory guide on page 22

  The HP product warranty and regulatory information.

How to print using HP wireless direct

After installing the HP Jetdirect 2800w NFC & Wireless Direct Accessory, use the following steps to verify that the HP printer is ready to print using HP wireless direct.

NOTE: The HP wireless direct feature **only** provides a direct wireless network connection to the HP printer. It does not provide Internet access or a connection to any other network that the printer is connected to.

For installation instructions, see the HP Jetdirect 2800w NFC & Wireless Direct Accessory Installation Guide.

1. Verify that the printer is in the **Ready** state.
2. To confirm that NFC and HP wireless direct printing are enabled on the printer, print a configuration page from the control panel. If a page titled Wireless is included, NFC and HP wireless direct printing are enabled.
3. From a mobile device or a computer, verify that wireless capability is enabled (the Wi-Fi radio is on). This control is typically found in the **Settings** menu. Then connect to the HP wireless direct printer as you would connect to other wireless networks.

   NOTE: Disconnect from existing wireless connections (WLAN or Internet).

   For Windows 8 devices, verify that Wi-Fi is on or enabled. Connection to the HP wireless direct printer is not required.

   When using an iOS device, such as iPhone® or iPad®, that uses iOS 5 or greater to connect to the HP wireless direct printer, the connection status icon does not stop spinning. This is normal and indicates that the HP wireless direct connection does not provide Internet access. Since HP wireless direct is only a connection between the mobile device and the printer, the mobile device cannot access the Internet through the printer.
4. If you configured the HP Jetdirect 2800w to use security, provide the passphrase when prompted by the mobile device or computer.
5. Install the print-compatible software or driver on the mobile device or computer, if required.
6. Determine the printer's service set identifier (SSID).

   The SSID is available on the How to Connect Page by touching the wireless icon on the control panel. The SSID is the HP wireless direct printer name.

Print from iOS v4.2/4.3 (or greater) devices

AirPrint: Open the item to print, touch the **Action** icon, and then touch **Print** to open the **Printer Options**. Select the printer and then touch **Print**. For complete information about configuring, using, and printing with AirPrint, go to: How to print from a mobile device using Apple AirPrint.

HP ePrint app: Tap the **HP ePrint** icon, select the supported file type, select the printer, and then tap **Print**. For more information, go to: HP ePrint App for iOS.

Print from Android v2.2 (or greater) devices

Android embedded print solution: For information about configuring, using, and printing with Android embedded print, go to: Using HP's built in Android solution.

HP ePrint app: Tap the **HP ePrint** icon, select the supported file type, select the printer, and then select **Print**. For more information, go to: HP ePrint app for Android.

Print from Symbian devices

HP ePrint Home & Biz app: To print, open the HP ePrint Home & Biz app and select a photo or supported file type to print to any supported printer in Wi-Fi range. For more information about HP ePrint Home & Biz app on Symbian, go to: HP ePrint Home & Biz app for Symbian.

Print from Windows 8 tablets/PCs and Mac OS X devices

Verify that you have the latest version of HP ePrint Software installed.

1. Go to: HP ePrint Software.
2. Click **Download software**.
3. Select your operating system from the list.

NOTE: ARM-based tablets using Windows RT are not supported.

Supported Mac OS X versions are 10.6, 10.7 Lion, and 10.8 Mountain Lion.

4. From the **Software - ePrint** table, click **Download**.
5. Once downloaded to your system, start the installation and follow the instructions.

Print from Windows 8

1. From the mobile device's application, select the **File** menu, and then select **Print**.
2. From the available printers, select **HP ePrint**.
3. Touch the **Connected** tab/tile.

   HP ePrint Software automatically searches for printers on the local network, including HP wireless direct-enabled printers. These can be identified by their SSID/HP wireless direct printer name.
4. Select your target printer, and then touch the **Settings** button to define basic print settings such as copies, pages per sheet, and print on both sides (duplex).
5. Touch **Print**.

If the Windows application does **not** have a **Print** option:

1. With the Windows application open, swipe to the right from the edge of the screen.
2. Touch **Devices**, then touch **HP ePrint** from the list of available printers.
3. Change basic print **Settings**, if required.
4. Touch **Print**.
5. Touch the **Your printer requires attention** message and follow the instructions to print.

NOTE: HP ePrint Software saves the printer to your recently used printers list located on the **Recent** tab/tile.

Print from Mac OS X 10.6, 10.7 Lion, or 10.8 Mountain Lion

1. Select the printer's SSID from the list of available networks in either the **Wi-Fi Status icon** or the **Network System Settings** panel.
2. Open the document to be printed, and select the **File** menu.
3. Select **Print** from the drop down menu.
4. Select the printer from the **Printer** pop-up list.

NOTE: If you are installing the printer for the first time, select the printer name from the **Nearby Printers** list.

5. Verify **PDF** is selected in the **PDF** pop-up menu in the **Print** box.

   HP ePrint Software automatically searches for printers on the local network, including HP wireless direct-enabled printers. These are identified by their SSID/HP wireless direct printer name.
6. Click **Print**

NOTE: The print queue is paused after the document prints. To print another document, follow steps 3 through 5. A window opens stating that the print queue is paused. Click the **Resume** button in the window to add the new print job and restart the print queue.

Print from AirPrint Mac OS X 10.7 Lion and 10.8 Mountain Lion

1. Verify that the printer is powered on and that the computer and the printer are connected to the same local network.
2. To print using AirPrint from an HP LaserJet Pro printer/MFP **without** an Internet or Wi-Fi connection, use HP wireless direct. From the printer/MFP control panel:
   a. Touch Administration, and then touch the Network Settings menu.
   b. Touch the Wireless menu, and then touch the Wireless Direct menu.
   c. Verify that the Wireless Direct Mode is set to ON (no security) (the default) or ON (with security) .
3. Verify that the printer driver is configured for AirPrint.

NOTE: For information about installing and configuring AirPrint on HP LaserJet Enterprise Printers/MFPs, go to: Installing AirPrint on HP LaserJet Enterprise Printers/MFPs. For information about AirPrint on HP LaserJet Pro Printers/MFPs go to: Installing AirPrint on HP LaserJet Pro Printers/MFPs.

4. Open the document to be printed, and select the **File** menu.
5. Select **Print**, and then select **AirPrint** (if it is not the default).

NOTE: If **Print** is not available, the application might not be AirPrint compatible. Try printing from a different application.

When using Mac OS X 10.7 Lion, you must manually select the AirPrint driver. When using Mac OS X 10.8 Mountain Lion, the default driver automatically uses AirPrint.

6. Select the print options to use and then touch **Print**

For information about configuring, using, and printing using AirPrint, go to: How to print from a mobile device using Apple AirPrint.

For more information

For more information about HP wireless direct, go to: Wireless Printing Center - HP wireless direct.

For additional information about HP ePrint Software including frequently asked questions, go to: www.hp.com/go/eprintsoftware. Click **Documentation** to download the user guide.

For additional setup, configuration, and troubleshooting information, go to www.hp.com/go/jd2800wSupport or scan the QR code with your mobile device.

How to print using HP near field communication (NFC)

After installing the HP Jetdirect 2800w NFC & Wireless Direct Accessory, use the following steps to verify that your HP printer is ready to print using HP NFC.

For installation instructions, see the HP Jetdirect 2800w NFC & Wireless Direct Accessory Installation Guide.

1. Verify that the printer is in the **Ready** state.
2. To confirm that NFC and HP wireless direct printing are enabled on your printer, print a configuration page from the control panel. If a page titled Wireless is included, NFC and HP wireless direct printing are enabled.
3. Ensure that the latest version of HP ePrint Software (version 4.5 or newer) is installed on your mobile device. If you need to update:
   a. Go to: www.hp.com/go/eprintsoftware.
   b. From the **HP ePrint Software** page, click **Download software**.
   c. Select your operating system, and then click **Download** from the **Software - ePrint** table.
   d. Save the file to your system. Then, double-click the file and follow the instructions.
4. From a mobile device or a computer, verify that wireless capability is enabled (the Wi-Fi radio is on). This control is typically found in the **Settings** menu.

NOTE: Disable existing wireless connections (WLAN or Internet).

When printing, closely align (within 1 inch (2.5 mm)) or touch the NFC icon of the mobile device and the NFC icon of the HP Jetdirect 2800w NFC & Wireless Direct Accessory. Hold the mobile device and the accessory together for at least one full second to ensure a connection.

The HP ePrint Software displays the NFC tab or tile if the NFC antennas are correctly positioned and the compatible NFC hardware is installed and enabled in the mobile device.

Print from a Windows 8 mobile device

The following video demonstrates how to print from a Windows 8 mobile device.

Print from a Windows 8 mobile device

If you have trouble viewing the video or to view the video in a different size, click here to play the video on YouTube.

NOTE: Currently, the HP ElitePad 900 is the only supported Windows 8 mobile device.

ARM-based tablets using Windows RT are **not** supported.

1. From the mobile device's application, select the **File** menu, and then select **Print**.
2. From the available printers, select **HP ePrint**.

3. Closely align (within one inch or 2.5 mm) or touch the NFC icons of the mobile device and the HP Jetdirect 2800w.

NOTE: Hold the mobile device and the HP Jetdirect 2800w NFC & Wireless Direct Accessory together for at least one full second.

Once connected, you can move the mobile device away from the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

The mobile device might make a connection sound or display a pop-up symbol. Once a connection is established, the HP ePrint Software displays the printer's service set identifier (SSID). The SSID is the HP wireless direct printer's name.

NOTE: The HP ePrint driver does not close any existing wireless network connections on the Windows 8 tablet computer (such as an access point or a printer's WDP access point).

4. Touch the **Settings** button to define basic print options such as the number of copies, pages per sheet, and whether to print on both sides (duplex).

5. Touch **Print**.

If the Windows 8 application does **not** have a **Print** option:

1. With the Windows application open, swipe from the right edge of the screen to the left edge of the screen.

2. Touch **Devices**, then touch **HP ePrint** from the list of available printers.

3. Change basic print **Settings**, if required.

4. Touch **Print**.

5. Touch the **Your printer requires attention** message and then follow the instructions to print.

NOTE: HP ePrint Software saves the printer to your recently used printers list located on the **Recent** tab/tile.

Select **Automatically print upon successful connection** so that future print jobs print automatically when the mobile device is touched to the HP printer. (If selected, the **Settings** option is not available.)

For more information

For additional information about HP ePrint Software including frequently asked questions, go to: www.hp.com/go/eprintsoftware. Click **Documentation** to download the user guide.

For additional setup, configuration, and troubleshooting information, go to www.hp.com/go/jd2800wSupport or scan the QR code with your mobile device.

Set up, configure, and manage the HP Jetdirect 2800w NFC & Wireless Direct Accessory

Use the following information to synchronize the local administrator password, configure near field communication (NFC) and HP wireless direct printing capabilities on your HP printer, update NFC and HP wireless direct, and update or remove HP ePrint Software.

For a list of supported HP printers, see: Supported printers for the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

NOTE: The HP wireless direct feature **only** provides a direct wireless network connection to the HP printer. It does not provide Internet access or a connection to any other network that the printer is connected to.

Synchronize the host HP printer's local administrator password

If the HP Embedded Web Server (EWS) local administrator password was set on the host HP printer when the HP Jetdirect 2800w NFC & Wireless Direct Accessory is installed, you must synchronize this password between the two devices. To do this, first clear the existing local administrator password field on the host HP printer, and then reenter it.

NOTE: If the HP EWS local administrator password was **not** set on the host HP printer during the installation, no changes are required and you can skip this section.

Failure to properly synchronize the HP Jetdirect 2800w NFC & Wireless Direct Accessory with the HP printer's local administrator password might cause printing issues.

Use the following to synchronize the passwords:

1. From the Home screen on the host HP printer 's control panel, touch the network button to display the printer's LAN IP address or host name.
2. Open a Web browser, and in the address line, type the printer's IP address or host name exactly as it displays on the product control panel. Press the Enter key on the computer keyboard. The EWS opens.
3. Select the **Security** tab, and then select **General Security** from the left panel options.
4. Scroll to the **Set the Local Administrator Password** section.
5. To clear the existing password, type the HP EWS administrator password used on the host HP printer in the **Old Password** text box. (Do **not** type anything in the **New Password** or **Verify Password** boxes. These must remain blank.)
6. Click the **Apply** button.
7. Verify that the **Old Password** text box displays **Password is not set**.

   If the **Old Password** text box does not display **Password is not set**, repeat the steps to clear the password.
8. To synchronize the password on the two devices, type the HP EWS administrator password in the **New Password** text box, and then type it again in the **Verify Password** text box to confirm.
9. Click the **Apply** button.

Configure NFC and HP wireless direct parameters

Use the following information to configure security and other items for NFC and HP wireless direct printing.

To verify that NFC and HP wireless direct printing are enabled on your printer, print a configuration page from the control panel. If the printout includes a page titled Wireless, this indicates that NFC and HP wireless direct printing are enabled.

NOTE: NFC and HP wireless direct printing are enabled by default after the initial installation of the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

Use the control panel

1. Touch Administration, and then touch the Network Settings menu.
2. Touch the WIRELESS MENU, and then touch the WIRELESS DIRECT menu. Set the following items:
   a. Touch MODE and touch OFF, ON (no security) (the default), or ON (with security) .
   b. Touch SSID. The service set identifier (SSID) is the HP wireless direct printer name.

      NOTE: In environments where more than one model of the same printer is installed, you can set each printer with a unique SSID for easier identification. To change the printer's SSID, touch the SSID name area, use the keyboard keys to change the name, and then touch OK.

      The SSID is also available on the How to Connect page. Touch the wireless icon on the control panel. (If the HP Jetdirect 2800w NFC & Wireless Direct Accessory is installed, both the LAN IP address of the printer and the wireless IP address of the HP Jetdirect 2800w are displayed.)
   c. Touch BROADCAST OF SSID, and then touch Allowed (the default) or Not Allowed.
   d. Touch CHANNEL and select 1 through 11 (the default is 6).
   e. If MODE is ON (with security), touch PASS-PHRASE and touch WPA2 PASS-PHRASE and set the desired passphrase.

Use the HP Embedded Web Server

Open the HP Embedded Web Server (EWS):

1. From the Home screen on the product control panel, touch the network button to display the printer's LAN IP address or host name.
2. Open a Web browser, and in the address line, type the printer's IP address or host name exactly as it displays on the product control panel. Press the Enter key on the computer keyboard. The EWS opens.
3. To enable security (using a WPA2 password):
   a. Select the **Security** tab.
   b. Select **General Security** from the left menu panel, and then scroll down to **Near Field Communication (NFC)**.
   c. Select **Enable Near Field Communication (NFC)** to enable HP NFC and HP wireless direct printing.
   d. To avoid being prompted for the WPA2 password before printing, select the check box for **Show WPA2 passphrase in the NFC tag**.

4. To configure the settings for HP NFC and HP wireless direct printing:

   NOTE: The IP address of the HP Jetdirect 2800w NFC & Wireless Direct Accessory is: 192.168.223.1.

   Disconnect from any existing wireless connections (WLAN or Internet). Connections for mobile devices are typically listed in the **Settings** menu.

   a. Using a wireless computer or a wireless device, connect to the HP Jetdirect 2800w NFC & Wireless Direct Accessory network address (SSID).

   b. Open a Web browser.

   c. In the address line or Go to field, type the IP address of the HP Jetdirect 2800w NFC & Wireless Direct Accessory (http://192.168.223.1).

   d. When the HP Embedded Web Server opens, select the **Networking** tab.

   e. Select **Wireless Direct** from the **Configuration** menu items.

   f. Set **Wireless Direct Printing** to **Off**, **On (No Security)**, or **On (With Security)**. The default is **On (No Security)**.

   g. Set the **Network Name (SSID)**. The service set identifier (SSID) is the HP wireless direct printer name.

   h. To allow the broadcast of the SSID name, select the check box **Allow Broadcast of Name (SSID)**.

   i. To set the **Channel**, select 1 through 11 (the default is 6).

5. Click **Apply** to set, or **Cancel** to ignore your entries. To reset to factory-default values, click **Restore Defaults**.

Use HP Web Jetadmin

You can use HP Web Jetadmin to:

- Enable or disable HP wireless direct printing
- Enable or disable HP NFC printing (single device or batch mode)
- Show or hide the WPA2 passphrase (single device or batch mode)

Security:

- Near Field Communication (NFC)
  - Enable Near Field Communication
  - Show WPA2 Passphrase in the NFC tag
- Enable Wireless Direct
  - Enable HP Wireless Direct

View the number of NFC or HP wireless direct clients

The current technology limits the number of actively connected wireless clients to five.

For information about how to close wireless connections when using iOS or Android, see Troubleshoot the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

NOTE: The HP ePrint Software used on Windows 8 disconnects automatically from the wireless network at the conclusion of the print job.

Use the following to determine whether this limit is reached:

- View the wireless icon from the printer's control panel. If the icon is red in color (instead of the normal blue), the limit is reached.
- View the connections listed on the printer's configuration page. The current wireless connection for each device is listed by MAC Address and IP Address.
- View the event log messages.

Update the HP Jetdirect 2800w Accessory and update or remove HP ePrint Software

Use the information that follows to update the HP Jetdirect 2800w NFC & Wireless Direct Accessory and to update or remove HP ePrint Software.

Update the HP Jetdirect 2800w NFC & Wireless Accessory

To update the HP Jetdirect 2800w NFC & Wireless Direct Accessory, you must update the host HP LaserJet printer's firmware.

NOTE: To use the HP Jetdirect 2800w with some printers/MFPs (see Supported printers for the HP Jetdirect 2800w NFC & Wireless Direct Accessory), set the HP FutureSmart level to 3. To do this using the printer's HP Embedded Web Server (EWS):

1. From the Home screen on the product control panel, touch the network button to display the printer's LAN IP address or host name.
2. Open a Web browser, and in the address line, type the printer's IP address or host name exactly as it displays on the product control panel. Press the Enter key on the computer keyboard. The EWS opens.
3. Select the **General** tab and then select **Firmware Upgrade** from the left menu panel.
4. In the **Change HP FutureSmart Level** section, select **HP FutureSmart 3** from the drop-down list, and then select **Change**. The printer reboots.

For information about changing the HP FutureSmart setting using the latest version of HP Web Jetadmin, go to http://www.hp.com/go/wja and click the **Self Help and Documentation** tab.

- To update using a USB drive or the HP Embedded Web Server, go to: Use a USB flash drive for the HP Embedded Web Server (EWS).
- To update using HP Web Jetadmin, go to: Use HP Web Jetadmin.

Update or remove the HP ePrint Software

Use the following information to update the HP ePrint Software on Microsoft Windows or Apple Mac, or remove the HP ePrint Software or printer driver from Windows.

Remove the HP ePrint printer from Windows

NOTE: If an earlier version of HP ePrint Software for Windows is installed, you must remove it prior to installing the current version.

1. Open the **Control Panel** and then open **Devices and Printers**.

   For Windows 8, press Alt+X, and then select **Control Panel** from the list. Open **Hardware and Sound** and then click **View Devices and Printers**.

2. Right-click **HP ePrint** and then select **Remove Device**.

   For Windows 8 tablets, press and hold the **HP ePrint** icon until a box appears, and then select **Remove Device** from the options.

Remove the HP ePrint driver from Windows

1. Open the **Control Panel** and then open **Devices and Printers**.

   For Windows 8, press Alt+X, and then select **Control Panel** from the list. Open **Hardware and Sound** and then click **View Devices and Printers**.

2. Select any of the listed printer devices. (This is only to access the server properties to remove the driver. The printer device itself is not removed.)

3. Select **Print Server Properties** near the top of the window.

   For Windows 8, click **Change Driver Settings**.

4. Select the **Drivers** tab.

   For Windows 8, click **Change Driver Settings**.

5. Select the **HP ePrint** item from the list.

6. Click the **Remove** button.

7. Click **Remove driver and driver package**, and then click **Yes** to verify your selection.

8. Click the **Delete** button.

   If successful, a **Driver package deleted** message is displayed.

9. Click the **OK** button, and then click the **Close** button.

NOTE: To stop all associated HP ePrint services, HP recommends that you restart the computer.

Download and install HP ePrint Software for Windows

NOTE: For Windows operating systems, download HP ePrint Software version 4.5 or later. If an earlier version of HP ePrint Software for Windows is installed, remove it prior to installing the current version.

1. Go to: www.hp.com/go/eprintsoftware.

2. Click **Download software**.

3. Select the operating system you use.

4. From the **Software - ePrint** table, select the most recent version of HP ePrint Software, and then click the **Download** button.

   NOTE: For Windows operating systems, download HP ePrint Software version 4.5 or later.

   If an earlier version of HP ePrint Software for Windows is installed, remove it prior to installing the current version.

5. When the **Open Dialog** box is displayed, select **Run**.

   NOTE: The built in Windows firewall might display a security alert. To install the HP ePrint Software, click **Allow access**.

6. Follow the on-screen instructions to install the HP ePrint Software, and then click **Finish** to complete the installation.

   A check box that sets HP ePrint as the default printer is automatically selected.

7. Click **OK** to exit the installation.

Download and install HP ePrint Software for Mac

NOTE: After you upgrade from HP ePrint mobile v1.0 to v2.0, public print providers no longer display. You must delete the previous registration and reregister.

1. Go to: www.hp.com/go/eprintsoftware.
2. Click **Download software**.
3. Select the Mac OS X version you use.
4. From the **Software - ePrint** table, select the most recent version of HP ePrint Software, and then click the **Download** button.
5. To open the installer window, double-click the **HP-ePrintv2.0.0.dmg** file, then run the installer by double-clicking **HP ePrint Installer**.

   NOTE: To download the PDF workflow component during the installation, select the **PDF Workflow Item** check box. Otherwise, you can download it later when you launch HP ePrint.

6. Open **Finder**, and then open **Applications**.
7. From the **Hewlett-Packard** folder, launch **HP ePrint**.
8. If the PDF workflow component was not installed during the installation, click **Install** to download the **PDF Workflow Item**.
9. Click **OK** to launch the HP ePrint application.

For more information

For more information about HP wireless direct, go to: Wireless Printing Center - HP wireless direct.

For additional information about HP ePrint Software including frequently asked questions, go to: www.hp.com/go/eprintsoftware. Click **Documentation** to download the user guide.

For additional configuration and troubleshooting information, go to www.hp.com/go/jd2800wSupport or scan the QR code with your mobile device.

Troubleshoot the HP Jetdirect 2800w NFC & Wireless Direct Accessory

Use the troubleshooting information to help resolve issues.

NOTE: To determine whether HP NFC and HP wireless direct printing are enabled on your printer, print a configuration page from your printer's control panel. If a page titled Wireless is included, HP Jetdirect 2800w NFC & Wireless Direct Accessory printing is enabled on your printer.

Number of HP Jetdirect 2800w NFC & Wireless Direct Accessory clients

The current technology limits the number of actively connected wireless clients to five. Use the following to determine whether this limit is reached:

- View the wireless icon from the printer's control panel. If the icon is red in color (instead of the normal blue), the limit is reached.
- View the connections listed on the printer's configuration page. The current wireless connection for each device is listed by MAC Address and IP Address.
- View the event log messages.

Display the mobile device's MAC address

Use the following information to display the device's MAC address.

iOS

1. Open the **Settings** app.
2. Touch **General**, and then touch **About**.
3. Scroll down to the **Wi-Fi Address**.

Android (phone or tablet)

1. Open the **Settings** app.
2. Touch **About phone** or **About tablet**, depending on which is used.
3. For the Android phone, touch **hardware information**. For the Android tablet, touch **status**.

Disconnect from a wireless connection

Use the following information to disconnect from a wireless connection.

iOS

1. Touch **Settings**, and then touch **Wi-Fi**.
2. Select the greater than symbol (**>**) adjacent to the network you wish to disconnect from.
3. Touch **Forget this Network**.
4. Touch **Forget** to confirm.

For additional information about Apple iOS products and usage, see: www.apple.com/support/.

NOTE: When connecting an Apple iOS device, such as an iPhone® or iPad®, that uses iOS 5+ to the HP wireless direct printer, the connection status icon does not stop spinning. This is normal and indicates that the HP wireless direct connection does not provide Internet access. Since HP wireless direct is only a connection between the mobile device and the printer, the mobile device cannot access the Internet through the printer.

Android

NOTE: The actual steps differ slightly depending on the Android OS version.

1. Turn on **Wi-Fi** if required.
2. Touch the **Settings** icon.
3. Touch the **Wireless & networks (Wi-Fi)** icon. (On some Android OS versions, touch the **Wi-Fi Settings** icon.)
4. From the **Wireless & networks (Wi-Fi)** or the **Wi-Fi Settings** screen, touch the network name.
5. Touch **Forget** in the dialog that is displayed.

NOTE: An Android device will not disconnect from (forget) a wireless network that is within range.

For additional information about Google Android OS products and usage, go to: www.support.google.com/android.

Symbian

For information about disconnecting from a wireless connection (HP wireless direct-enabled printer), search for this topic at: http://discussions.nokia.com.

Windows 8

The HP ePrint software used on Windows 8 disconnects automatically from the wireless network at the conclusion of the print job.

Mac OS X

The wireless connection to the printer automatically disconnects approximately one minute after the print job completes.

To reestablish the HP wireless direct connection, select the SSID name from the list of available wireless connections:

1. From the **Wireless Menu** bar icon, select **Another Wireless Network**.
2. From the **Printers Detected** screen, select the printer's SSID.

NOTE: The HP wireless direct printer name is in the format **HP-Print-XY-Printer_Model LaserJet**. The **XY** represents the last two characters of the HP Jetdirect 2800w NFC & Wireless Direct Accessory hardware or media access control (MAC) address.

Troubleshoot

Unable to print or communication errors.

Cause	Solution
The mobile device and the printer are not on the same network. For example, the mobile device is connected to the Internet using an existing wireless network (WLAN). The HP Jetdirect 2800w NFC & Wireless Direct Accessory is not capable of joining the WLAN. Typical errors include **communication error**, **wireless adapter in use**, or **connection busy**. For example, the HP ePrint Software might report **Communication with the printer failed**, which can be caused when: • The mobile device and the printer are not on the same network • The mobile device's wireless connection is busy • HP Connected data is unavailable	Disconnect the mobile device from the WLAN and connect it to the printer's SSID (HP wireless direct network). **NOTE:** Blocking access to the WLAN/Internet limits data loss during downloading or when printing.

The printer control panel displays the following error: USB ERROR - Invalid USB device is attached. Please remove it.

Cause	Solution
The printer firmware might require updating.	Verify that the HP printer is supported: HP Jetdirect 2800w supported printers on page 20. If the HP printer is supported, update the printer firmware. **NOTE:** To use the HP Jetdirect 2800w with certain HP printers/MFPs, you must set the HP FutureSmart level to 3 using the HP Embedded Web Server (EWS). For information about setting the HP FutureSmart level, see: HP Jetdirect 2800w supported printers on page 20.

Wireless network (WLAN) printing stops working after the HP Jetdirect 2800w NFC & Wireless Direct Accessory is installed.

Cause	Solution
Both the HP Jetdirect 2800w NFC & Wireless Direct Accessory and the HP Jetdirect 2700w USB Wireless Print Server are installed on the same printer.	HP does not support the installation of both devices on the same printer. (The HP Jetdirect 2800w NFC & Wireless Direct Accessory takes precedence.)

Print jobs are excessively slow or signal strength is poor.

Cause	Solution
Metallic objects or radio signals are causing interference. The mobile device is too far from the printer.	Reorient the printer. Reduce or remove sources of interference. Metallic objects can absorb or attenuate radio signals, and devices such as microwave ovens and cordless phones operate using similar radio frequencies. Reduce the distance between the printer and the mobile device.

Frequently asked questions

Question	Answer
What is the wireless range of HP wireless direct?	It is similar to other wireless devices. It might have a slightly weaker signal than the normal access point (such as a router).
What frequency is HP wireless direct using?	2.4 GHz.
What happens when you connect a 6th device? Is there an error message?	Because the printer does not know whether another device is trying to connect, it is up to the mobile device to provide a message. Look for a message similar to: **Cannot connect with Wireless device**.
Can the printer have a computer connected using the USB, a wired network (LAN), and devices connected using HP wireless direct at the same time without any detrimental side effects?	In general, yes. When the LAN connection is used though, HP wireless direct loses some protocol support. For example, it can affect the Windows 8 HP ePrint Software when attempting to automatically discover the printer on an HP wireless direct connection. If this occurs, simply enter the wireless direct IP address. It will not affect mobile devices or Mac devices as they use a different discovery mechanism. HP NFC is a facilitator not a transport method. It establishes the connection and the print job, and then uses wireless direct printing or another protocol to send the job. When you tap **Print**, the following information is provided to the driver: • IP address • Wireless direct information (SSID) and the password • Cloud e-mail address **NOTE:** This needs to be white-listed on the HP ePrint Center/HP Connected first. HP ePrint information: • If an HP wireless direct connection is available, the HP ePrint Software displays a **Sending print job** notification and the job prints. • If no HP wireless direct connections are available, the HP ePrint Software displays a notification with instructions on enabling HP wireless direct. • If the device needs to disconnect from another network in order to print, the HP ePrint Software displays a notification instructing you to break the current connection.

For more information

For more information about HP wireless direct, go to: Wireless Printing Center - HP wireless direct.

For additional information about HP ePrint Software including frequently asked questions, go to: www.hp.com/go/eprintsoftware. Click **Documentation** to download the user guide.

For additional setup, configuration, and troubleshooting information, go to www.hp.com/go/jd2800wSupport or scan the QR code with your mobile device.

HP Jetdirect 2800w supported printers

Supported HP LaserJet printers

- HP LaserJet Enterprise M806 Printer series
- HP LaserJet Enterprise flow M830 Multifunction Printer series
- HP Color LaserJet Enterprise M855
- HP Color LaserJet Enterprise flow MFP M880

Supported HP LaserJet printers (with the latest firmware update using HP FutureSmart level 3)

NOTE: To use the HP Jetdirect 2800w with the following printers/MFPs, set the HP FutureSmart level to 3. To do this using the printer's HP Embedded Web Server (EWS):

1. From the Home screen on the product control panel, touch the network button to display the printer's LAN IP address or host name.
2. Open a Web browser, and in the address line, type the printer's IP address or host name exactly as it displays on the product control panel. Press the Enter key on the computer keyboard. The EWS opens.
3. Select the **General** tab and then select **Firmware Upgrade** from the left menu panel.
4. In the **Change HP FutureSmart Level** section, select **HP FutureSmart 3** from the drop-down list, and then select **Change**. The printer reboots.

For information about changing the HP FutureSmart setting using the latest version of HP Web Jetadmin, go to http://www.hp.com/go/wja and click the **Self Help and Documentation** tab.

- HP LaserJet Enterprise 500 MFP M525 Series
- HP LaserJet Enterprise flow MFP M525c
- HP LaserJet Enterprise 500 Color MFP M575 Series
- HP LaserJet Enterprise color flow MFP M575c
- HP LaserJet Enterprise 500 Color Printer M551 Series
- HP LaserJet Enterprise 600 Printer M602 Series
- HP LaserJet Enterprise 600 Printer M603 Series
- HP LaserJet Enterprise 700 Color MFP M775 Series
- HP LaserJet Enterprise 700 M712 Series
- HP LaserJet Enterprise 700 MFP M725 Series

To update the HP Jetdirect 2800w NFC & Wireless Direct Accessory, you must update the host HP LaserJet printer's firmware.

- Use a USB flash drive or the HP Embedded Web Server (EWS).
- Use HP Web Jetadmin.

For more information

- For additional information about HP ePrint Software including frequently asked questions, go to: www.hp.com/go/eprintsoftware. Click **Documentation** to download the user guide.
- For additional setup, configuration, and troubleshooting information, go to www.hp.com/go/jd2800wSupport or scan the QR code with your mobile device.

HP Jetdirect 2800w NFC & Wireless Direct Accessory - Warranty and regulatory guide

This guide contains the warranty and regulatory information for the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

Hewlett-Packard limited warranty statement

HP product	Duration of limited warranty
HP Jetdirect 2800w NFC & Wireless Direct Accessory	1 Year

HP warrants to you, the end-user customer, that HP hardware and accessories will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or equivalent in performance to new.

HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.

HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (e) improper site preparation or maintenance.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. Some countries/regions, states or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country/region to country/region, state to state, or province to province.

HP's limited warranty is valid in any country/region or locality where HP has a support presence for this product and where HP has marketed this product. The level of warranty service you receive may vary according to local standards. HP will not alter form, fit or function of the product to make it operate in a country/region for which it was never intended to function for legal or regulatory reasons.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries/regions, states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

Your authorized dealer

If you encounter difficulty, begin by contacting the person who sold you the HP product to you. Your HP authorized dealer will be familiar with your requirements and can provide assistance.

During the warranty period, HP will replace the unit at no charge provided the defective unit is returned. You may return the unit to your HP authorized dealer or your local HP sales and service office representative. *Be sure to include a copy of your purchase receipt.*

For warranty service on HP products, call HP support. When calling, please have the following information ready:

- The HP product you are calling about.
- Model number of the product.
- Serial number of the product.
- Complete description of the problem.
- Proof of purchase of your product.
- Your shipping address.

The HP support representative will help you with troubleshooting, and advise you on warranty service.

Service billing (out of warranty)

When ordering a replacement unit for out-of-warranty service, you may be charged a repair cost. See your HP authorized dealer or your local HP sales and service office representative. Or, you can call HP at (800) 227-8164 (USA only).

Service outside the USA

Customers outside the USA should contact their HP authorized dealer or HP sales and service office to obtain information on prices, exchange unit availability and instructions.

Regulatory information

The following is the regulatory information for the HP Jetdirect 2800w NFC & Wireless Direct Accessory.

Regulatory Model Identification Number

For regulatory identification purposes, this product is assigned a Regulatory Model Number (RMN). The RMN for your product is RSVLD-1301. The RMN should not be confused with the marketing name (HP 2800w NFC & Wireless Direct Accessory) or the Product Number (J8029A).

Notice for the U.S.A.

This device complies with Part 15 of the Federal Communication Commission rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at this own expense. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Hewlett-Packard Company may void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning – Exposure to Radio Frequency Radiation Although the radiated output power of this device is below the FCC radio exposure limits, the device should be used in such a manner that the potential for human contact with the antennas during normal operation is minimized. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna should not be less than 20 cm (8 inches) during normal operation.

Notice for Canada

This device complies with the limits for a Class B digital device and conforms to Industry Canada standard ICES-003. Products that contain a radio transmitter comply with Industry Canada standard RSS210 and are labeled with an IC ID.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and personnel.

Note pour le Canada

Cet appareil numérique de la classeBest conforme à la norme ICES-003 d'Industry Canada. La radio sans fil de ce dispositif est conforme à la certification RSS 210 d'Industry Canada et est étiquetée avec un numéro d’approbation IC.

Le fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas provoquer d'interférences et (2) doit accepter toute réception d'interférence, y compris les interférences susceptibles de générer un fonctionnement indésirable de l'appareil.

Cet équipement respecte les limites d'exposition aux radiofréquences canadiennes applicables dans un environnement non contrôlé. Cet équipement doit être installé et fonctionner à une distance minimale de 20 cm entre le radiateur et votre corps.

Regulatory wireless statements and required markings

- Notice for Brazil

- Notice for China
- Notice for the European Union
- Notice for Indonesia
- Notice for Japan
- Notice for Korea
- Notice for Mexico
- Notice for Singapore
- Notice for South Africa
- Notice for Taiwan
- Notice for the Ukraine
- Notice for Vietnam

Notice for Brazil

Aviso aos usuários no Brasil Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Notice for China

CMIIT ID: 2013DJ8806

CMIIT ID: 2012DJ1242

Notice for the European Union

DECLARATION OF CONFORMITY

according to ISO/IEC 17050-1 and EN 17050-1

DoC #: RSVLD-1301-R02

Supplier's Name:	**Hewlett-Packard Company**
Supplier's Address:	8000 Foothills Blvd, Roseville, CA 95747 U.S.A
declares that the product	
Product Name and Model:	HP Jetdirect 2800w NFC & Wireless Direct Accessory (J8029A)
Regulatory Model Number:[1]	RSVLD-1301
Radio Module:	SDGOB-1291
Product Options:	All

Conforms to the following Product Specifications and Regulations:

EMC:

EN 301 489-1 V1.9.2
EN 301 489-3 V1.4.1
EN 301 489-17 V2.1.1

Safety:

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011
EN 62479:2010

Telecom:

EN 300 328 V1.7.1
EN 300 330-2 V1.5.1
EN 62311:2008

RoHS:

EN 50581:2012

The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC the R&TTE Directive 1999/5/EC, the RoHS Directive 2011/65/EU and carries the CE marking accordingly.

Additional Information:

1) This product is assigned a Regulatory Model Number which stays with the regulatory aspects of the design. The Regulatory Model Number is the main product identifier in the regulatory documentation and test reports. This number should not be confused with the marketing name or the product numbers.

September 4th, 2013
Roseville, CA

Mark Harmon, Manager
Business Imaging and Printing

Local contact for regulatory topics only:

EMEA: Hewlett-Packard GmbH, HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, Germany
U.S.: Hewlett-Packard, 3000 Hanover St., Palo Alto 94304, U.S.A. 650-857-1501
www.hp.com/go/certificates

The telecommunications functionality of this product may be used in the following EU and EFTA countries/ regions:

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

This product complies with the following EU Directives:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- RoHS Directive 2011/65/EU
- R&TTE Directive 1999/5/EC

Compliance with these directives implies conformity to harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by Hewlett-Packard for this product or product family. This compliance is indicated by the following conformity marking placed on the product.

CE

Notice for Indonesia

32829/SDPPI/2013

2141

23724/SDPPI/2012

2141

Notice for Japan

この機器は技術基準適合証明又は工事設計認証を受けた無線設備を搭載しています。

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

Notice for Korea

당해 무선설비는 운용 중 전파혼선 가능성이 있음

해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없음

Notice for Mexico

No. de homologación:

SCT: RLVHPRS13-1535

SCT: RCPHPSD12-0172

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Notice for Singapore

Complies with
IDA Standards
DB100427

Notice for South Africa

ICASA TA-2013/1253 APPROVED

Notice for Taiwan

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Notice for the Ukraine

Notice for Vietnam

Environmental product stewardship program

Hewlett-Packard is committed to providing quality products in an environmentally sound manner. Design for recycling has been incorporated into this product. The number of materials has been kept to a minimum while ensuring proper functionality and reliability. Dissimilar materials have been designed to separate easily. Fasteners and other connections are easy to locate, access, and remove using common tools. High priority parts have been designed to access quickly for efficient disassembly and repair.

For more information, visit HP's Commitment to the Environment Web site at: http://www.hp.com/hpinfo/globalcitizenship/environment/index.html

Disposal of waste equipment by users in private households in the European Union

English

Disposal of Waste Equipment by Users in Private Households in the European Union
This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Français

Evacuation des équipements usagés par les utilisateurs dans les foyers privés au sein de l'Union européenne
La présence de ce symbole sur le produit ou sur son emballage indique que vous ne pouvez pas vous débarasser de ce produit de la même façon que vos déchets courants. Au contraire, vous êtes responsable de l'évacuation de vos équipements usagés et à cet effet, vous êtes tenu de les remettre à un point de collecte agréé pour le recyclage des équipements électriques et électroniques usagés. Le tri, l'évacuation et le recyclage séparés de vos équipements usagés permettent de préserver les ressources naturelles et de s'assurer que ces équipements sont recyclés dans le respect de la santé humaine et de l'environnement. Pour plus d'informations sur les lieux de collecte des équipements usagés, veuillez contacter votre mairie, votre service de traitement des déchets ménagers ou le magasin où vous avez acheté le produit.

Deutsch

Entsorgung von Elektrogeräten durch Benutzer in privaten Haushalten in der EU
Dieses Symbol auf dem Produkt oder dessen Verpackung gibt an, dass das Produkt nicht zusammen mit dem Restmüll entsorgt werden darf. Es obliegt daher Ihrer Verantwortung, das Gerät an einer entsprechenden Stelle für die Entsorgung oder Wiederverwertung von Elektrogeräten aller Art abzugeben (z.B. ein Wertstoffhof). Die separate Sammlung und das Recyceln Ihrer alten Elektrogeräte zum Zeitpunkt ihrer Entsorgung trägt zum Schutz der Umwelt bei und gewährleistet, dass sie auf eine Art und Weise recycelt werden, die keine Gefährdung für die Gesundheit des Menschen und der Umwelt darstellt. Weitere Informationen darüber, wo Sie alte Elektrogeräte zum Recyceln abgeben können, erhalten Sie bei den örtlichen Behörden, Wertstoffhöfen oder dort, wo Sie das Gerät erworben haben.

Italiano

Smaltimento delle apparecchiature elettriche ed elettroniche a fine vita nell'Unione Europea
Questo simbolo, riportato sull'apparecchiatura o sulla confezione, indica che il prodotto alla fine della propria vita utile deve essere smaltito separatamente dagli altri rifiuti domestici. L'utente dovrà quindi portare l'apparecchiatura giunta a fine vita agli appositi centri di raccolta differenziata per rifiuti elettrici ed elettronici. L'adeguata raccolta differenziata e il successivo riciclo contribuiscono a evitare possibili effetti negativi sull'ambiente e sulla salute e favoriscono la conservazione delle risorse naturali. Per ulteriori informazioni sui punti di raccolta delle apparecchiature a fine vita, contattare il proprio comune di residenza, il servizio di smaltimento dei rifiuti locale o il negozio presso il quale è stato acquistato il prodotto.

Español

Eliminación de residuos de aparatos eléctricos y electrónicos por parte de usuarios domésticos en la Unión Europea
Este símbolo en el producto o en el embalaje indica que no se puede desechar el producto junto con los residuos domésticos. Por el contrario, si debe eliminar este tipo de residuo, es responsabilidad del usuario entregarlo en un punto de recolección designado de reciclado de aparatos electrónicos y eléctricos. El reciclaje y la recolección por separado de estos residuos en el momento de la eliminación ayudará a preservar recursos naturales y a garantizar que el reciclaje proteja la salud y el medio ambiente. Si desea información adicional sobre los lugares donde puede dejar estos residuos para su reciclado, póngase en contacto con las autoridades locales de su ciudad, con el servicio de gestión de residuos domésticos o con la tienda donde adquirió el producto.

Български

Изхвърляне на отпадъчни уреди от потребители на домакинства в Европейския съюз
Този символ на продукта или на опаковката му обозначава, че продуктът не трябва да се изхвърля заедно с другите битови отпадъци. Напротив, ваша отговорност е да изхвърлите отпадъчното оборудване до определено място за рециклиране на електрическо и електронно оборудване. Разделното събиране и рециклиране на отпадъчно оборудване в момента на изхвърлянето му помага да се съхранят природните ресурси и да се гарантира, че то ще бъде рециклирано по начин, който предпазва човешкото здраве и околната среда. За допълнителна информация относно местата за предаване на отпадъчното оборудване за рециклиране се свържете с общинската служба, службата за събиране на битовите отпадъци или магазина, откъдето сте закупили уреда.

Česky

Likvidace vysloužilého zařízení uživateli v domácnosti v zemích EU
Tato značka na produktu nebo na jeho obalu označuje, že tento produkt nesmí být likvidován prostým vyhozením do běžného domovního odpadu. Odpovídáte za to, že vysloužilé zařízení bude předáno k likvidaci do stanovených sběrných míst určených k recyklaci vysloužilých elektrických a elektronických zařízení. Likvidace vysloužilého zařízení samostatným sběrem a recyklací napomáhá zachování přírodních zdrojů a zajišťuje, že recyklace proběhne způsobem chránícím lidské zdraví a životní prostředí. Další informace o tom, kam můžete vysloužilé zařízení předat k recyklaci, můžete získat od úřadů místní samosprávy, od společností provádějící svoz a likvidaci domovního odpadu nebo v obchodě, kde jste produkt zakoupili.

Dansk

Bortskaffelse af affaldsudstyr for brugere i private husholdninger i EU
Dette symbol på produktet eller på dets emballage indikerer, at produktet ikke må bortskaffes sammen med andet husholdningsaffald. I stedet er det dit ansvar at bortskaffe affaldsudstyr ved at aflevere det på dertil beregnede indsamlingssteder med henblik på genbrug af elektrisk og elektronisk affaldsudstyr. Den separate indsamling og genbrug af dit affaldsudstyr på tidspunktet for bortskaffelse er med til at bevare naturlige ressourcer og sikre, at genbrug finder sted på en måde, der beskytter menneskers helbred samt miljøet. Hvis du vil vide mere om, hvor du kan aflevere dit affaldsudstyr til genbrug, kan du kontakte kommunen, det lokale renovationsvæsen eller den forretning, hvor du købte produktet.

Nederlands

Afvoer van afgedankte apparatuur door gebruikers in particuliere huishoudens in de Europese Unie
Dit symbool op het product of de verpakking geeft aan dat dit product niet mag worden afgevoerd met het huishoudelijk afval. Het is uw verantwoordelijkheid uw afgedankte apparatuur af te leveren op een aangewezen inzamelpunt voor de verwerking van afgedankte elektrische en elektronische apparatuur. De gescheiden inzameling en verwerking van uw afgedankte apparatuur draagt bij tot het sparen van natuurlijke bronnen en tot het hergebruik van materiaal op een wijze die de volksgezondheid en het milieu beschermt. Voor meer informatie over waar u uw afgedankte apparatuur kunt inleveren voor recycling kunt u contact opnemen met het gemeentehuis in uw woonplaats, de reinigingsdienst of de winkel waar u het product hebt aangeschaft.

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5851-3643

Printed on at least 50% total recycled fiber with at least 10% post-consumer paper

Imprimé sur un papier composé d'au moins 50 % de fibres recyclées et 10 % de papier post-consommation

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Eesti

Eramajapidamistes kasutuselt kõrvaldatavate seadmete käitlemine Euroopa Liidus
Kui tootel või toote pakendil on see sümbol, ei tohi seda toodet visata olmejäätmete hulka. Teie kohus on viia tarbetuks muutunud seade selleks ettenähtud elektri- ja elektroonikaseadmete utiliseerimiskohta. Utiliseeritavate seadmete eraldi kogumine ja käitlemine aitab säästa loodusvarasid ning tagada, et käitlemine toimub inimeste tervisele ja keskkonnale ohutult. Lisateavet selle kohta, kuhu saate utiliseeritava seadme käitlemiseks viia, saate küsida kohalikust omavalitsusest, olmejäätmete utiliseerimispunktist või kauplusest, kust te seadme ostsite.

Suomi

Hävitettävien laitteiden käsittely kotitalouksissa Euroopan unionin alueella
Tämä tuotteessa tai sen pakkauksessa oleva merkintä osoittaa, että tuotetta ei saa hävittää talousjätteiden mukana. Käyttäjän velvollisuus on huolehtia siitä, että hävitettävä laite toimitetaan sähkö- ja elektroniikkalaiteromun keräyspisteeseen. Hävitettävien laitteiden erillinen keräys ja kierrätys säästää luonnonvaroja. Näin toimimalla varmistetaan myös, että kierrätys tapahtuu tavalla, joka suojelee ihmisten terveyttä ja ympäristöä. Saat tarvittaessa lisätietoja jätteiden kierrätyspaikoista paikallisilta viranomaisilta, jäteyhtiöiltä tai tuotteen jälleenmyyjältä.

Ελληνικά

Απόρριψη άχρηστων συσκευών στην Ευρωπαϊκή Ένωση
Το παρόν σύμβολο στον εξοπλισμό ή στη συσκευασία του υποδεικνύει ότι το προϊόν αυτό δεν πρέπει να πεταχτεί μαζί με άλλα οικιακά απορρίμματα. Αντίθετα, ευθύνη σας είναι να απορρίπτετε τις άχρηστες συσκευές σε μια καθορισμένη μονάδα συλλογής απορριμμάτων για την ανακύκλωση άχρηστου ηλεκτρικού και ηλεκτρονικού εξοπλισμού. Η χωριστή συλλογή και ανακύκλωση των άχρηστων συσκευών θα συμβάλλει στη διατήρηση των φυσικών πόρων και τη διασφάλιση ότι θα ανακυκλώθούν με τρόπο ώστε να προστατεύεται η υγεία των ανθρώπων και το περιβάλλον. Για περισσότερες πληροφορίες σχετικά με το πού μπορείτε να απορρίψετε τις άχρηστες συσκευές για ανακύκλωση, επικοινωνήστε με τις κατά τόπους αρμόδιες αρχές ή το κατάστημα από το οποίο αγοράσατε το προϊόν.

Magyar

A hulladékanyagok kezelése a magánháztartásokban az Európai Unióban
Ez a szimbólum, amely a terméken vagy annak csomagolásán van feltüntetve, azt jelzi, hogy a termék nem kezelhető együtt az egyéb háztartási hulladékkal. Az Ön feladata, hogy a készülék hulladékanyagait eljuttassa olyan kijelölt gyűjtőhelyre, amely az elektromos hulladékanyagok és az elektronikus berendezések újrahasznosításával foglalkozik. A hulladékanyagok elkülönített gyűjtése és újrahasznosítása hozzájárul a természeti erőforrások megőrzéséhez, egyúttal azt is biztosítja, hogy a hulladék újrahasznosítása az egészségre és a környezetre nem ártalmas módon történik. Ha tájékoztatást szeretne kapni azokról a helyekről, ahol leadhatja újrahasznosításra a hulladékanyagokat, forduljon a helyi önkormányzathoz, a háztartási hulladék begyűjtésével foglalkozó vállalathoz vagy a termék forgalmazójához.

Latviski

Lietotāju atbrīvošanās no nederīgām ierīcēm Eiropas Savienības privātajās mājsaimniecībās
Šis simbols uz ierīces vai tās iepakojuma norāda, ka šo ierīci nedrīkst izmest kopā ar pārējiem mājsaimniecības atkritumiem. Jūs esat atbildīgs par atbrīvošanos no nederīgās ierīces, to nododot norādītajā savākšanas vietā, lai tiktu veikta nederīgā elektriskā un elektroniskā aprīkojuma otrreizējā pārstrāde. Speciāla nederīgās ierīces savākšana un otrreizējā pārstrāde palīdz taupīt dabas resursus un nodrošina tādu otrreizējo pārstrādi, kas sargā cilvēku veselību un apkārtējo vidi. Lai iegūtu papildu informāciju par to, kur otrreizējai pārstrādei var nogādāt nederīgo ierīci, lūdzu, sazinieties ar vietējo pašvaldību, mājsaimniecības atkritumu savākšanas dienestu vai veikalu, kurā iegādājāties šo ierīci.

Lietuviškai

Europos Sąjungos vartotojų ir privačių namų ūkių atliekamos įrangos išmetimas
Šis simbolis ant produkto arba jo pakuotės nurodo, kad produktas negali būti išmestas kartu su kitomis namų ūkio atliekomis. Jūs privalote išmesti savo atliekamą įrangą atiduodami ją į atliekamos elektronikos ir elektros įrangos perdirbimo punktus. Jei atliekama įranga bus atskirai surenkama ir perdirbama, bus išsaugomi natūralūs ištekliai ir užtikrinama, kad įranga yra perdirbta žmogaus sveikatą ir gamtą tausojančiu būdu. Dėl informacijos apie tai, kur galite išmesti atliekamą perdirbti skirtą įrangą, kreipkitės į atitinkamą vietos tarnybą, namų ūkio atliekų išvežimo tarnybą arba į parduotuvę, kurioje pirkote produktą.

Polski

Utylizacja zużytego sprzętu przez użytkowników domowych w Unii Europejskiej
Symbol ten umieszczony na produkcie lub opakowaniu oznacza, że tego produktu nie należy wyrzucać razem z innymi odpadami domowymi. Użytkownik jest odpowiedzialny za dostarczenie zużytego sprzętu do wyznaczonego punktu zbierania zużytych urządzeń elektrycznych i elektronicznych. Zbieranie osobno i recykling tego typu odpadów przyczyniają się do ochrony zasobów naturalnych i są bezpieczne dla zdrowia i środowiska naturalnego. Dalsze informacje na temat sposobu utylizacji zużytych urządzeń można uzyskać u odpowiednich władz lokalnych, w przedsiębiorstwie zajmującym się usuwaniem odpadów lub w miejscu zakupu produktu.

Português

Descarte de equipamentos por usuários em residências da União Européia
Este símbolo no produto ou na embalagem indica que o produto não pode ser descartado junto com o lixo doméstico. No entanto, é sua responsabilidade levar os equipamentos a serem descartados a um ponto de coleta designado para a reciclagem de equipamentos eletro-eletrônicos. A coleta separada e a reciclagem dos equipamentos no momento do descarte ajudam na conservação dos recursos naturais e garantem que os equipamentos serão reciclados de forma a proteger a saúde das pessoas e o meio ambiente. Para obter mais informações sobre onde descartar equipamentos para reciclagem, entre em contato com o escritório local de sua cidade, o serviço de limpeza pública de seu bairro ou a loja em que adquiriu o produto.

Română

Scoaterea din uz a echipamentelor uzate de către utilizatorii persoane fizice din Uniunea Europeană
Prezența acestui simbol pe produs sau pe ambalajul acestuia indică faptul că nu poate fi aruncat împreună cu gunoiul menajer. În schimb, este răspunderea dvs. să scoateți din uz echipamentul uzat predându-l la punctul de colectare indicat pentru reciclarea echipamentelor electrice și electronice uzate. Colectarea și reciclarea separată a echipamentelor uzate la scoaterea din folosință ajută la conservarea resurselor naturale și asigură reciclarea acestora într-un mod care protejează sănătatea oamenilor și mediul înconjurător. Pentru informații suplimentare despre locațiile în care puteți preda echipamentele uzate pentru reciclare, contactați primăria locală, serviciul de salubrizare care deservește gospodăria dvs. sau magazinul de la care ați cumpărat produsul.

Slovenčina

Postup používateľov v krajinách Európskej únie pri vyhadzovaní zariadenia v domácom používaní do odpadu
Tento symbol na produkte alebo na jeho obale znamená, že nesmie byť vyhodený s iným komunálnym odpadom. Namiesto toho máte povinnosť odovzdať toto zariadenie na zbernom mieste, kde sa zabezpečuje recyklácia elektrických a elektronických zariadení. Separovaný zber a recyklácia zariadenia určeného na odpad pomôže chrániť prírodné zdroje a zabezpečí taký spôsob recyklácie, ktorý bude chrániť ľudské zdravie a životné prostredie. Ďalšie informácie o separovanom zbere a recyklácii získate na miestnom obecnom úrade, vo firme zabezpečujúcej zber vášho komunálneho odpadu alebo v predajni, kde ste produkt kúpili.

Slovenščina

Ravnanje z odpadno opremo v gospodinjstvih znotraj Evropske unije
Ta znak na izdelku ali embalaži izdelka pomeni, da izdelka ne smete odlagati skupaj z drugimi gospodinjskimi odpadki. Odpadno opremo ste dolžni oddati na določenem zbirnem mestu za recikliranje odpadne električne in elektronske opreme. Z ločenim zbiranjem in recikliranjem odpadne opreme ob odlaganju boste pomagali ohraniti naravne vire in zagotovili, da bo odpadna oprema reciklirana tako, da se varuje zdravje ljudi in okolje. Več informacij o mestih, kjer lahko oddate odpadno opremo za recikliranje, lahko dobite na občini, v komunalnem podjetju ali trgovini, kjer ste izdelek kupili.

Svenska

Kassering av förbrukningsmaterial, för hem- och privatanvändare i EU
Produkter eller produktförpackningar med den här symbolen får inte kasseras med vanligt hushållsavfall. I stället har du ansvar för att produkten lämnas till en behörig återvinningsstation för hantering av el- och elektronikprodukter. Genom att lämna kasserade produkter för återvinning hjälper du till med att bevara våra gemensamma naturresurser. Dessutom skyddas både människor och miljön när produkter återvinns på rätt sätt. Kommunala myndigheter, sophanteringsföretag eller butiken där varan köptes kan ge mer information om var du lämnar kasserade produkter för återvinning.

简体中文

欧盟国家/地区用户在私人住宅中对废旧设备的处理
产品或包装上包括此标志表示此产品不得作为住宅垃圾来处理。而且您有责任将废旧设备送到指定的废旧电力电子设备回收点，通过这种方式来处理废旧设备。废旧设备的分类收集与回收有助于节约自然资源，保证以有利于人类健康和环保的方式回收废旧设备。有关废旧设备回收的详细信息，请与当地市政机关、家庭垃圾处理站或购买产品的商店联系。

India RoHS

This product complies with the “India E-waste Rule 2011” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Ukraine RoHS

Україне

Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1057

Turkey RoHS

Restriction on Hazardous Substances statement (Turkey).

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

China RoHS

产品中有毒有害物质或元素的名称及含量
根据中国《电子信息产品污染控制管理办法》

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
RSVLD-1301	x	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制。
O：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

此表中所有名称中含 “X” 的部件均符合欧盟 RoHS 立法。

注：环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件

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