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You can read the recommendations in the user guide, the technical guide or the installation guide for KYOCERA KM-2810. You'll find the answers to all your questions on the KYOCERA KM-2810 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual KYOCERA KM-2810
User guide KYOCERA KM-2810
Operating instructions KYOCERA KM-2810
Instructions for use KYOCERA KM-2810
Instruction manual KYOCERA KM-2810



FS-1028MFP/FS-1128MFP
KM-2810/KM-2820
Printer Driver

User Guide



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Manual abstract:

KPDL is a trademark of Kyocera Corporation. PCL is a trademark of Hewlett-Packard Company. TrueType is a registered trademark of Apple Computer, Inc. @@All other brand and product names herein are registered trademarks or trademarks of their respective companies. Examples of the operations given in this guide support the Windows 7 printing environment. Essentially the same operations are used for Microsoft Windows Vista, Windows XP, Windows Server 2003, Windows Server 2008 and Windows 2000 environments. User Interface screen captures shown in this guide may differ depending on your printing device. This user guide and its contents were developed for the 5.1 driver. Models supported by the KX printer driver FS-1028MFP FS-1128MFP

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iv KX DRIVER iii 1 Installation A printer driver is an application that manages communication between a printer and your computer. Once installed, the printer driver settings must be configured in the printer Properties and Printing Preferences. Note: In Windows operating systems, you must be logged in with administrator rights to install the printer driver. Preparing to Install the Driver This section describes the initial steps to take before you install the printer driver, and based on your operating system, the next procedure you can follow. 1 Turn on the computer and the printer. In Windows 7 and Windows Vista with a USB connection, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the driver for an expanded feature set. In Windows, if the Found New Hardware Wizard dialog box appears during the installation process, click Cancel. If the Hardware Installation warning dialog box appears, click Continue Anyway. 2 Insert the Product Library CD into the CD drive.

After the installation wizard begins, the Main Menu appears. Note: If the Product Library fails to start after inserting the Product Library CD into the CD drive, use Windows Explorer to locate Setup.exe on the local drive and double-click to open. 3 4 5 Click View License Agreement to read the license

agreement. Click Accept to proceed. To begin the installation, click Install Software. Note: If the Windows Security warning dialog box appears at any point during the installation process, click Install this driver software anyway. 6 The Installer wizard appears with several installation methods displayed. Selecting an Installation Method You can select Express Mode for a network or USB connection and the installation wizard will discover your printers. You can also select Custom 1-1 User Guide Installation Mode for a network or USB connection and either manually select installation packages and specify utilities or let the installation wizard discover your printer.

Express Mode Installation Installing in Express Mode on page 1-2 Custom Mode Installation Installing in Custom Mode with a Network Connection using Discover on page 1-4 Installing in Custom Mode with a USB Connection using Discover on page 1-5 Installing in Custom Mode with a Network Connection using Custom Select on page 1-7 Installing in Custom Mode with a USB Connection using Custom Select on page 1-8 Note: KPrint installs a client port monitor that lets Windows TCP/IP print from any network card connected to a printing system. KPrint supports LPR and IPP printing. For the KPrint Installation instructions, refer to your Product Library CD. KPrint uses a stand-alone installer. Installing Utilities On the Installation Method page, click Utilities to install printer utilities.



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You can also select utilities to install during the Custom Installation procedure. Upgrading Driver Components If the installation wizard detects older driver or utility components, the Software Component Upgrade page appears. 1 2 3 Choose the component to upgrade. Click Next. Confirm your upgrade settings.

To start the upgrade, click Upgrade. When the upgrade completes, click Next. The Installation Method page appears. Express Installation Express Mode applies to driver installation for a USB or network connection only. The installation wizard discovers printers that are turned on, and connected by USB and network cable. In Custom Mode, you are able to select the installation packages and specify the port. Installing in Express Mode This section describes the express installation procedure of the driver software in Windows operating systems. 1 Ensure that your printer and computer are turned on and connected by USB or network cable. KX DRIVER 1-2 Installation Note: In Windows 7 and Windows Vista with a USB connection, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the KX Driver for an expanded feature set.

In Windows, if the Found New Hardware Wizard dialog box appears during the installation process, click Cancel. If the Hardware Installation warning dialog box appears, click Continue Anyway. 2 3 On the Installation Method page, click Express Mode. The Discover Printing System page opens, searching for your printing system. If Discover finds your printing system, select your model from the list and click Next. If Discover does not find your printing system, a message appears. Remove and reinsert the USB or network cable, and ensure it is connected properly. Click Refresh to retry the discovery. If the system still cannot find your printing system, contact your system administrator. 4 5 6 Select Use host name for port name to use a host name for the Standard TCP/IP port.

If the installation wizard still displays the IP address, contact your system administrator. (Not available with a USB connection.) Click Information if you want to open a dialog box with details about IP Address, Host Name, Printer Model, Contact, Location, and Serial Number. Click OK. Click Next. (Not available with a USB connection.) On the Printer Settings page, you can assign a name to your printing system. Note: With a first time USB connection, the Printer Settings page does not appear. You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click Next.

7 8 On the Confirm Settings page, click Install if the settings are correct. Click Back to correct the settings. The Installation Completed page appears displaying the following driver options. Print a test page This selection verifies a connection with the printer and creates a print out of the installed driver components. Show Quick Print Tab This selection lets you define basic print options into group profiles that can be accessed easily. The Show Quick Print tab option also appears in the Administrator Settings in Device Settings. Enable Status Monitor The Status Monitor displays system status messages on your computer screen during printing tasks. The Status Monitor button appears on the Advanced tab. 1-3 User Guide Installation Device Settings Select the Device Settings check box to open Device Settings where you can choose installed options for your printing system. (The Device Settings check box appears only in Windows XP with a network connection.

) When the installation completes successfully, click Finish to exit the installation wizard and return to the Product Library CD menu. Software installation failures generate the following message: One or more software installations have failed. Click Finish, and retry the installation. If the same message appears again, contact your system administrator. The installation of the printer is now complete. If prompted, restart your computer. Custom Installation Custom Mode applies to driver installation for a USB or network connection. The installation wizard can discover printers that are turned on, and connected by USB and network cable, or you can manually select the driver from drivers that are available. You can specify the printer port, fonts, and the utilities you want to install. Printer drivers that ship with Windows operating systems are called minidrivers.

The minidriver is available separately for PCL and KPDL and provides basic support for your printer. The KX XPS DRIVER and XPS minidriver is only available for printing systems used with Windows 7 and Windows Vista. The XPS driver is discussed in the Device Settings chapter. Minidriver functionality is not documented in this user guide. Installing in Custom Mode with a Network Connection using Discover This section describes the custom installation procedure of the driver software in Windows operating systems using a network connection.

1 2 3 Ensure that your printer and computer are connected to a network. On the Installation Method page, select Custom Mode. The Discover Printing System page opens searching for your printing system. The Discover button is automatically selected. A list of models appears.

Click Next. If Discover does not find your printing system, a message appears. Remove and reinsert the network cable, and ensure it is connected properly. Click Refresh to retry the discovery. If the system still cannot find your printing system, contact your system administrator. 4 On the Custom Installation page, select the driver and software packages you want to install from the Driver and Utility tabs, and clear those not intended for installation. Click Next. If you only select software packages from the Utility tab, you will skip to the Confirm Settings page. KX DRIVER 1-4 Installation 5 6 On the Printer Settings page, you can assign a name for your printing system. You can also choose to share this printer with others or set this printer as the default printer.

Make your selections, and then click Next. On the Confirm Settings page, click Install if the settings are correct. Click Back to correct the settings. Note: If the Hardware Installation warning dialog box appears, click Continue. 7 The Installation Completed page appears displaying the following driver options. Print a test page This selection verifies a connection with the printer and creates a print out of the installed driver components. Show Quick Print Tab This selection lets you define basic print options into group profiles that can be accessed easily. The Show Quick Print tab option also appears in the Administrator Settings in Device Settings. Enable Status Monitor The Status Monitor displays system status messages on your computer screen during printing tasks. The Status Monitor button appears on the Advanced tab.

Device Settings Select the Device Settings check box to open Device Settings where you can choose installed options for your printing system.



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(The Device Settings check box appears only in Windows XP.) When the installation completes successfully, click Finish to exit the installation wizard and return to the Product Library CD menu. Software installation failures generate the following message: One or more software installations have failed. Click Finish, and retry the installation.

If the same message appears again, contact your system administrator. The installation of the printer is now complete. If prompted, restart your computer. Installing in Custom Mode with a USB Connection using Discover This section describes the custom installation procedure of the driver software in Windows operating systems using a USB connection. With Discover, all devices available for the driver installation are found automatically.

This is the recommended Custom Mode USB installation method. 1 Ensure that your printer and computer are turned on and connected using a USB cable. Note: In Windows 7 and Windows Vista, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the KX Driver for an expanded feature set. 1-5 User Guide Installation 2 3 On the Installation Method page, select Custom Mode. The Discover Printing System page opens, searching for your printing system. The Discover button is automatically selected. Select your device and click Next. If Discover does not find your printing system, a message appears. Remove and reinsert the USB cable, and ensure it is connected properly.

Click Refresh to retry the discovery. If the system still cannot find your printing system, contact your system administrator. 4 On the Custom Installation page, select the driver and software packages you want to install from the Driver and Utility tabs, and clear those not intended for installation. Click Next. If you only select software packages from the Utility tab, you will skip to the Confirm Settings page. 5 On the Printer Settings page, you can assign a name to your printing system. Note: With a first time USB connection, the Printer Settings page does not appear. You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click Next. 6 On the Confirm Settings page, click Install if the settings are correct.

Click Back to correct the settings. Note: If the Hardware Installation warning dialog box appears, click Continue Anyway. 7 The Installation Completed page appears displaying the following driver options. Print a test page This selection verifies a connection with the printer and creates a print out of the installed driver components. Show Quick Print Tab This selection lets you define basic print options into group profiles that can be accessed easily.

The Show Quick Print tab option also appears in the Administrator Settings in Device Settings. Enable Status Monitor The Status Monitor displays system status messages on your computer screen during printing tasks. The Status Monitor button appears on the Advanced tab. When the installation completes successfully, click Finish to exit the installation wizard and return to the Product Library CD menu. Software installation failures generate the following message: One or more software installations have failed.

Click Finish, and retry the installation. If the same message appears again, contact your system administrator. KX DRIVER 1-6 Installation The installation of the printer is now complete. If prompted, restart your computer. Installing in Custom Mode with a Network Connection using Custom Select This section describes the custom installation procedure of the driver software in Windows operating systems using a network connection. 1 2 3 4 5 6 Ensure that your printer and computer are connected to a network. On the Installation Method page, select Custom Mode. The Discover Printing System page opens, searching for your printing system. The Discover button is automatically selected. Choose Custom select and click Next.

The Printing System page appears. Select your printing system model from the list and click Next. If there is only one driver model, this page does not appear. Proceed to the next step. On the Printer Port page, select the port connected to your printing system, or add a port connected to your system by clicking Add Port. Click Next. On the Custom Installation page, select the driver and software packages you want to install from the Driver and Utility tabs, and clear those not intended for installation. Click Next. If you only select software packages from the Utility tab, you will skip to the Confirm Settings page. 7 8 On the Printer Settings page, you can assign a name for your printing system.

You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click Next. On the Confirm Settings page, click Install if the settings are correct. Click Back to correct the settings. Note: If the Hardware Installation warning dialog box appears, click Continue.

9 The Installation Completed page appears displaying the following driver options. Print a test page This selection verifies a connection with the printer and creates a print out of the installed driver components. Show Quick Print Tab This selection lets you define basic print options into group profiles that can be accessed easily. The Show Quick Print tab option also appears in the Administrator Settings in Device Settings. Enable Status Monitor 1-7 User Guide Installation The Status Monitor displays system status messages on your computer screen during printing tasks.

The Status Monitor button appears on the Advanced tab. Device Settings Select the Device Settings check box to open Device Settings where you can choose installed options for your printing system. (The Device Settings check box appears only with Windows XP.) When the installation completes successfully, click Finish to exit the installation wizard and return to the Product Library CD menu. Software installation failures generate the following message: One or more software installations have failed. Click Finish, and retry the installation. If the same message appears again, contact your system administrator. The installation of the printer is now complete. If prompted, restart your computer. Installing in Custom Mode with a USB Connection using Custom Select This section describes the custom installation procedure of the driver software in Windows operating systems using a USB connection.

With the Custom select option, you manually select the printing system and printer port to install. In Custom mode, Custom Select is not recommended for USB in environments where printing systems are connected and reconnected using USB ports. The Discover method provides a more reliable installation path. 1 Ensure that your printer and computer are turned on and connected using a USB cable.



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Note: In Windows 7 and Windows Vista, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend the Custom Mode using Discover for USB connections to ensure a reliable installation. 2 3 4 5 6 On the Installation Method page, select Custom Mode. The Discover Printing System page opens, searching for your printing system. The Discover button is automatically selected. Choose Custom select and click Next.

The Printing System page appears. Select your printing system model from the list and click Next. If there is only one driver model, this page does not appear. Proceed to the next step. On the Printer Port page, select an existing port connected to your printing system.

Click Next. On the Custom Installation page, select the driver and software packages you want to install from the Driver and Utility tabs, and clear those not intended for installation. Click Next. If you only select software packages from the Utility tab, you will skip to the Confirm Settings page. KX DRIVER 1-8 Installation 7 On the Printer Settings page, you can assign a name to your printing system.

You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click Next. 8 On the Confirm Settings page, click Install if the settings are correct. Click Back to correct the settings. Note: If the Hardware Installation warning dialog box appears, click Continue Anyway. 9 The Installation Completed page appears displaying the following driver options. Print a test page This selection verifies a connection with the printer and creates a print out of the installed driver components. Show Quick Print Tab This selection lets you define basic print options into group profiles that can be accessed easily. The Show Quick Print tab option also appears in the Administrator Settings in Device Settings. Enable Status Monitor The Status Monitor displays system status messages on your computer screen during printing tasks.

The Status Monitor button appears on the Advanced tab. When the installation completes successfully, click Finish to exit the installation wizard and return to the Product Library CD menu. Software installation failures generate the following message: One or more software installations have failed. Click Finish, and retry the installation. If the same message appears again, contact your system administrator. The installation of the printer is now complete. If prompted, restart your computer. Optional Printer Components You can expand the functionality of your printer driver by installing optional components from the Product Library CD menu > Advanced Tools menu. Installing Optional Printer Components 1 2 3 4 On the Product Library CD menu > Advanced Tools menu, select Optional Printer Components. Select a printer to install optional components, and click Next.

On all Select pages, choose your components, and click Next. On the Confirm Settings page, click Install if the displayed settings are correct. Click Back to correct any settings. 1-9 User Guide Installation 5 The Printer Components Installation Completed page appears. Click Finish.

When you have completed installing printers and optional components, restart your computer if prompted. The Add Printer Wizard The Add Printer Wizard displays a series of pages that guide you through printer installation. You are prompted to make installation choices on each page. Installing a Printer Driver in Windows 7 and Windows Vista This section describes how to install a printer driver using the Add Printer Wizard in Windows 7 and Windows Vista. 1 2 3 Click Start and click Devices and Printers (Windows 7), or click Control Panel and double-click Printers (Windows Vista).

Click Add a printer. The Add Printer Wizard appears. Click either Add a local printer or Add a network, wireless or Bluetooth printer. Follow the instructions on each page, and then click Next to proceed to the next page. Note: If the Windows Security warning dialog box appears, click Install this driver software anyway. 4 The last page of the wizard appears with a message that you've successfully added the printer you selected. Installation of the printer driver is now complete. Click Print a test page if you want to produce sample print output from the newly installed printer. To close the Add Printer Wizard, click Finish. Installing a Printer Driver in Windows XP and Windows 2000 This section describes how to install a printer driver using the Add Printer Wizard in Windows XP and Windows 2000.

1 2 3 Click Start and Printers and Faxes. Click Add a printer. The Add Printer Wizard appears. Follow the instructions on each page, and then click Next to proceed to the next page. Note: If the Found New Hardware Wizard page appears, click Cancel. If the Hardware Installation warning dialog box appears, click Continue Anyway. 4 When the Completing the Add Printer Wizard page appears, installation of the printer driver is now complete. To close the Add Printer Wizard, click Finish. If prompted, restart your computer. KX DRIVER 1-10 Installation Printer Driver Settings Access The printer driver software can be accessed from the Print dialog box of an application, or from Start.

If accessed from an application, then changes made to driver settings remain in effect until the application ends. If accessed from Start, changes are maintained as the default printer settings. Changing the Default Driver Settings Default driver settings apply to print jobs, though you can change the settings temporarily when printing from an application. 1 2 3 4 5 Click Start and click Devices and Printers (Windows 7), or click Control Panel and double-click Printers (Windows Vista), or Printers and Faxes (Windows XP). Right-click your printing system icon.

Click Printing Preferences. In the Printing Preferences dialog box, select the desired features in all tabs. Click OK to save the settings. 1-11 User Guide 2 Device Settings In Device Settings, you can select installed printing system options so the associated features can be used with the printer driver. You can also match the memory setting in the driver with the memory installed in your printing system, which lets the driver manage font downloads more efficiently. Administrator, User, PDL (Page Description Language), and Compatibility settings can also be selected. Accessing Device Settings Device Settings can be accessed from Devices and Printers (Windows 7), Printers (Windows Vista), or Printers and Faxes (Windows XP) folder. 1 2 3 4 Click Start and click Devices and Printers (Windows 7), or click Control Panel and double-click Printers (Windows Vista), or Printers and Faxes (Windows XP). Right-click the desired printing system model. Click Printer properties (Windows 7) or Properties (Windows Vista, Windows XP). Click Device Settings.



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KX DRIVER 2-1 Device Settings Device Options Optional devices extend the capabilities of your printing system for source. In a client/server environment, this feature is unavailable to a client logged in as a restricted user. Setting Device Options You can set the printer driver to match the optional devices installed on your printing system. 1 2 Auto Configure In Device Settings > Device options, select the check boxes for all installed devices.

Click OK in the Properties dialog box. Auto Configure detects the devices installed on the printing system if it is connected over a network. When your computer is connected to the printing system through a TCP/IP or WSD port, the Auto Configure button appears in Device Settings. Auto Configure updates the Device options list, Memory, and preview images to keep the printer driver consistent with the printing system configuration. Not all installed devices are detected by using Auto Configure. Before selecting OK in Device Settings, check the settings to make sure that they are correct. Note: The default setting for Windows XP Service Pack 2 is for the Windows Firewall to be set to On. The setting can be changed to allow communication between the printing system and your computer. In the Windows Security Alert dialog box, click Unblock. Silent Auto Configuration Silent auto configuration checks the printing system every 10 minutes for changes in optional devices or memory.

When a change is detected, the driver is automatically updated with the new settings. Silent auto configuration is only available for printing systems installed in Windows 7 or Windows Vista. In a client/server environment, this feature is unavailable to a client logged in as a restricted user. Enabling Auto Configuration The Auto Configure button can be used to detect all available device options when the printing system is connected to a network through a TCP/IP port. 1 2 Verify that all optional devices are attached to the printing system, and that it is turned on and ready to print.

In Device Settings, click Auto Configure. In Windows XP and Windows 2000, the driver settings are updated immediately. In Windows 7 and Windows Vista, the Auto Configure dialog box opens. Select from Auto configure options: User Guide 2-2 Device Settings Auto Configure Now Click the button at any time to retrieve the current settings from the printing system. It is recommended to do this when the driver is first installed and when Silent auto configuration is turned off.

Silent auto configuration Select to let the driver check the printing system every 10 minutes for any changes in optional devices or memory. When a change is detected, the driver is automatically updated with the new settings. Memory Memory is the amount of standard and optional memory installed in the printing system. To maximize the downloading of printing system fonts, the driver must be set to match the total printing system memory. Setting the Memory By default, the Memory setting matches the standard memory in the printing system. If optional memory is installed, set the memory in the printer driver to match the total amount of memory. 1 2 Install optional DIMM memory in the printing system. In Device Settings > Memory, type or select the amount of total installed memory by clicking the up and down arrows until the text box shows the correct number of megabytes (MB). If your printing system includes the Auto Configure feature, you can use it to obtain information about the memory size. Administrator Settings Administrator Settings lets you set options, varying by your model, that include controlling accessibility, displaying features in the interface and setting a password to control access to the Administrator Settings options.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user. User Login User login provides job restriction by user, in contrast to the Job accounting feature, which assigns privileges by division or department. A maximum of 20 login user names and passwords can be registered at the printing system and 100 User IDs and passwords can be stored in the printer driver for use with multiple printing systems. User login adds users with a user name and password. This feature limits printing privileges to specified users for secure printing and accounting. The number of pages printed by each user will be tracked by the printing system. Users added in the printer driver must also be manually registered at the printing system's operation panel. User Login Options User login settings selected in the driver are applied to every print job sent from this computer. The available options are as follows: KX DRIVER 2-3 Device Settings Use specific login user name This option can be used to specify a user name and password to use the same User login for every print job. If this option is selected, the user will not have to type the name and password for each print job.

Prompt for login user name This option prompts the user for a user name and password. You can use a Login user name that is not on the list, and does not add the name to the list. When sending a print job, type a Login user name and User login password when prompted, then click OK to print. If you type a login user name that is not registered in the printing system, the job prints only if Unknown User ID Job is set to Permit at the printing system. Prompt for login user name and validate This option prompts for a Login user name and password.

For the job to print, the user name and password entered must be on the Login user names list. You can use the Login user names entered in the Login user names list of the driver. When sending a print job, type a Login user name and password when prompted, then click OK to print. This option ensures that the job will print, only when verifying that the selected Login user name is saved in the driver. Verify the printing system's login user for each user (PC) This option lets you use User login by searching for a Login user name from the Login user name list.

If a match is found, the Login user name is used for the print job. If a match is not found, the driver checks for administrator or user permissions. A user with administrator permissions is prompted to type a Login user name and User login password to print the job. The driver searches for a Windows Login user name and adds this name with the Login user name and User login password to the Login user names list in the driver. With user permissions, the print job is canceled, and the user is prompted to contact an administrator to establish printing permissions. Login User Name List Click to add, delete, edit, import, or export login user names and passwords from the Login user names list of the driver. Once a Login user names list is created, the list can be exported as a group by saving it as a text file (.CSV). To import a Login user names list, browse for an existing list and save it in your printer driver.



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Printing with User Login After Login user names are assigned and user login mode is set to On at the printing system, you can choose User login to print in user login mode.

1 2 In Device Settings > Administrator Settings, select User Login. Select a User login option: Use specific login user name Prompt for login user name The remaining User login options become available when you create a login user name list. Note: If you select the Use specific login user name or Prompt for login user name option, proceed to step 5. 2-4 User Guide Device Settings 3 4 Select Login User Name List to create and manage Login user name lists. Select from the remaining User login options: Prompt for login user name and validate Verify the printing system's login user for each user (PC) 5 6 7 Click OK in all dialog boxes. Print the document from the application. When the Print Options dialog box appears, type or select a Login user name and User login password, and click OK. Login is required for some options. Job Accounting Job accounting gives an administrator the ability to control usage of a printing system. With Job accounting, you can assign account IDs (identification numbers) to users or departments, a specific account ID, or make account ID input mandatory for printing.

After account IDs are created, you can view from the printing system operation panel the number of copies associated with a specific ID as well as limit the number of copies for individual IDs. Account IDs can be up to 8 digits. Note: Job accounting must be set to On at the printing system. A maximum of 20 account ID user names and passwords can be registered at the printing system and 100 account IDs and passwords can be stored in the printer driver for use with multiple printing systems. Job Accounting Options Job accounting supports the following options: Use specific account ID Select this option to track the print jobs of a user or group with an account ID.

It sends the account ID with each print job. An administrator can restrict a user or group from changing their account ID by using the Password protect administrator settings in the Administrator Settings dialog box. Prompt for account ID Select this option to track the print jobs of a user or group with an account ID as well as prompt for an account ID. At the time a print job is sent, the user is prompted to enter a Job Accounting ID. Prompt for account ID and validate Select this option to prompt for an account ID that is saved in the driver.

When sending a print job, type an account ID when prompted, then click OK to print. The account ID is validated against the account ID list. If typed incorrectly, you are prompted to type it again. Display account ID list Select this option to display the account ID list at the time of printing. The print job can be assigned to a user or group. The account ID list is stored in the driver and more than one ID must be established for the list to appear. Account ID List Select this option to display the account ID to manage the Account ID list. Add, edit or delete account IDs from the list stored in the driver. Account IDs KX DRIVER 2-5 Device Settings descriptions match the user or group with an account ID. After an account ID list is created, the list can be exported as a group by saving it as a text file (.

CSV). To import an account ID list, browse for an existing list and open it. Printing with Job Accounting After account IDs are assigned and Job accounting is set to On at the printing system, the number of pages printed is added to the selected account ID total. 1 2 In Device Settings > Administrator Settings, select Job accounting. Select a Job accounting option: Use specific account ID Prompt for account ID The remaining Job accounting options become available when you create an account ID list. If you select the Use specific account ID or Prompt for account ID option, proceed to step 5. 3 4 Select Account ID List to create and manage account ID lists. Select from the remaining Job accounting options: Prompt for account ID and validate Display account ID list 5 6 7 Click OK in all dialog boxes. Print the document from the application. For some options, when the Print Options dialog box appears, type or select an account ID, and click OK.

Show Quick Print Tab This option lets you control the display of the Quick Print tab. You can define basic print options into group profiles that can be accessed quickly and easily. With a cleared Show Quick Print tab check box, the tab does not appear in the Printing Preferences dialog box. To enable this feature, in Device Settings, click Administrator > Show Quick Print tab. With a selected Show Quick Print tab check box, the tab appears in the Printing Preferences dialog box.

When you select the Show Quick Print tab check box, you can access additional check boxes: Selecting Hide other tabs displays only the Quick Print tab to the user. Selecting Set Quick Print tab as default opens to this tab when you access Printing Preferences. Selecting Hide Edit Quick Print control prevents users from customizing the Quick Print tab. 2-6 User Guide Device Settings Send Count Information This option lets you embed count information in the print job, which can be used by some applications for accounting purposes. Count information includes the number of copies produced as well as duplex printing, multiple pages per sheet, color mode, color page count, and paper size values.

When PDF is selected in the PDL settings dialog box, only color page count information is sent with PDF. To enable this feature, in Device Settings, click Administrator > Send Count information. Send Application Name This option lets you send the application name with a print job, so that a different printing process is used for each application. This option is not available when PDF is selected in the PDL Settings dialog box. To enable this feature, in Device Settings, click Administrator > Send Application name. Administrator Password You can set Password protect administrator settings in the Administrator Settings dialog box to prevent unauthorized changes in this dialog box. When selected, this setting prompts you to enter a password and confirm the password. This password protection blocks access to all Administrator Settings options. Setting the Administrator Password You can set a password to prevent unauthorized changes in the Administrator Settings dialog box. 1 2 In Device Settings > Administrator Settings, select Password protect administrator settings.

In the Password dialog box, enter a password, using at least 4 and no more than 16 characters. Reenter the password in Confirm password and click OK. Clearing the Administrator Password You can remove the administrator password. 1 2 3 4 In Device Settings, click Administrator. In the Enter Password dialog box, type the password and click OK. In the Administrator Settings dialog box, clear the Password protect administrator settings check box.



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Click OK. Associate Profile with Application This option lets you set all printing from each installed application to use the same driver settings as defined in a profile. Before using this feature: KX DRIVER 2-7 Device Settings A profile must be created in the Profiles dialog box, accessed from any Printing Preferences tab. An association must be created between a profile and an application in the Application Based Printing dialog box, accessed from the Profiles dialog box.

To enable this feature, in Device Settings, click Administrator > Associate Profile with application. Lock Settings An administrator can specify settings at the tab or feature level in the driver, and then lock them (so that the settings are applied to all print jobs, and changes are restricted). The settings are locked in the Device Settings > Administrator Settings > Lock Settings dialog box. For example, you can always set a printing system to print duplex. This saves paper, resulting in cost savings and ecological benefits.

Locking a setting also locks the feature where it appears in other tabs. For example, selecting Lock Multiple pages per sheet selects and locks that feature in the Quick Print and Layout tabs. The administrator can also set a password that is required to temporarily unlock a feature. In a client/server environment, this feature is unavailable to a client logged in as a restricted user. Lock Settings Options The Lock Settings dialog box lists the following driver settings that can be locked so that the settings are applied to all print jobs, and changes are restricted: Lock EcoPrint This option locks the current EcoPrint setting.

Lock Duplex This option locks the current Duplex setting. Flip on long edge and Flip on short edge options are not locked. Clicking the icon in the Quick Print tab, or the selection in the Basic tab, switches between the flip options. Lock Multiple pages per sheet This option locks the current Multiple pages per sheet setting. The Pages per sheet option is not locked. Lock Profile with Application This option can help standardize print jobs. It sets all printing from each installed application to use the same driver settings as defined in a profile. The administrator must first make selections in the Profiles and Application Based Profile dialog boxes. The administrator can then ensure that all print jobs use those settings by locking this feature. Selecting Lock Profile with Application also prevents any user changes in the Application Based Profile dialog box.

Lock Security Settings If the Security Watermark plug-in is installed, the administrator must first make selections for the Security Watermark in the Advanced tab. The administrator can then ensure that a security watermark is printed on all jobs by locking this feature. Selecting Lock Security Settings also prevents any user changes in the Security Watermark dialog box. Password settings 2-8 User Guide Device Settings The administrator can also set a password that is required to temporarily unlock a feature. If selected, this setting prompts you to enter a password and confirm the password. Locking Driver Settings You can select driver settings to lock, so that the settings are applied to all print jobs. 1 2 3 In Device Settings > Administrator Settings, click Lock Settings. Select the check box for each driver feature to be locked. Select the Password Settings check box if you wish to protect the settings with a password, otherwise skip to the next step. In the Password Settings dialog box, type a password of at least 4 but no more than 16 characters.

Retype the password in Confirm password, and click OK. To unlock the password, clear the Password Settings check box. In the Unlock Password dialog box, type the password, and click OK. 4 To save your Lock Settings selections, click OK at the bottom of the dialog box. When a password is set, the Unlock button appears in driver tabs where the locked features appear.

To unlock a feature and change its settings temporarily, click Unlock and type the password. SNMP Simple Network Management Protocol (SNMP) is a set of rules that govern the management of network devices, such as printing systems. SNMP settings determine the level of security when using the Auto Configure feature, and prevent unauthorized printing to the SNMPv3 printing system. SNMP settings must be set in the printer driver and in the printing system's Command Center. The following SNMP options are available: SNMPv1/v2c This option ensures successful Auto Configure communication using Read community name and Write community name.

SNMPv3 This option ensures secure Auto Configure communication using a user name and password. Authentication and privacy options are available by selecting Settings. Apply to other models This option displays a list of installed printing systems to apply the selected SNMP settings. SNMPv3 Options You can select SNMPv3 options for secure communication with the printing system. Authentication This option provides an algorithm to check that a transferred file has arrived intact. Message Digest 5 (MD5) and Secure Hash Algorithm 1 (SHA1) are hash algorithms used to authenticate packet data. KX DRIVER 2-9

Device Settings MD5 This option provides a cryptographic hash function with a 128bit hash value. It adds security and protection against Gateway Load Balancing Protocol (GLBP)-spoofing software. SHA1 This option produces a message digest that is 160 bits long. SHA1 is the successor to MD5.

Privacy This option uses encryption for secure communication. It is available after you select the Authentication option. You may select one privacy option. DES This option uses the Data Encryption Standard for encryption. DES turns cleartext into ciphertext via an encryption algorithm. It encrypts and decrypts data using 8-byte blocks and a 56-bit key. AES This option uses the Advanced Encryption Standard for encryption. AES is a symmetric block cipher that can process data blocks of 128 bits, using cipher keys with lengths of 128, 192, and 256 bits. It is more secure than DES. Selecting SNMP Settings SNMP settings in the driver must be set to match the settings in the printing system's Command Center.

1 2 In Device Settings > Administrator Settings, click SNMP Settings. Select SNMPv1/v2c or SNMPv3. For SNMPv1/v2c, type the Read community name and Write community name, to a maximum of 32 characters, and click OK. For SNMPv3, type a User name to a maximum of 32 characters, and a Password from 8 to 32 characters. 3 4 5 6 User Settings To set authentication and privacy options for SNMPv3, click Settings.

In the SNMPv3 dialog box, select from the available options. Click OK in the SNMPv3 dialog box. Optional: Under Apply to other models, you can click Select and choose from available models. The SNMP settings are applied to all selected models. User Settings lets you specify user and department names, select the default unit of measure, and change the driver display language.



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In a client/server environment, this feature is unavailable to a client logged in as a restricted user. 2-10 User Guide Device Settings Identification Identification lets you identify your print job with a User name and Department name, up to 31 characters. Setting User Identification You can type User name and Department information. 1 2 In Device Settings > User, type your preferred name in the User name text box. Type your department or group name in Department text box. You can type up to 31 characters in the User name and Department text boxes. 3 Click OK in the User Settings and Properties dialog box. Units You can set Inches or Millimeters as the unit of measurement. This is used for the following settings: Custom page size setting in the Page Sizes dialog box in the Basic tab. Spacing setting in the Watermark Add and Edit dialog boxes in the Advanced tab.

Poster settings and Gutter settings in the Layout tab. Selecting a Unit of Measurement You can select a unit for displaying measurements in the user interface. 1 2 In Device Settings > User Settings, select Inches or Millimeters. Click OK in the User Settings and Properties dialog boxes. Language Preference The Language preference option specifies the user interface language of Device Settings in Properties and all tabs of Printing Preferences. Available languages vary depending on your locale and your computer settings. Setting Language Preference You can select a user interface language. 1 2 In Device Settings > User Settings, select the desired language from the Select language list. Click OK in the User Settings and Properties dialog boxes. PDL (Page Description Language) A Page Description Language (PDL) specifies the contents and layout of a printed page.

In Device Settings, you can choose from PCL XL, (Printer Command Language XL), PCL 5e, KPD (an emulation of PostScript printing), or PDF (Portable Document Format). The printer default is PCL XL, which is KX DRIVER 2-11 Device Settings suitable for most printing purposes. When using the XPS driver in Windows 7 and Windows Vista, PCL XL is the only PDL selection. After you select a PDL, the selection appears in the lower corner of the Preview image.

In GDI compatible mode, vector graphics are rasterized for printing as bitmap images.

Use the GDI compatible mode option to improve the output quality of the graphic created by the application. Note: To add PDF to the list of PDL choices, you must install the Output to PDF plug-in. In a client/server environment, this feature is unavailable to a client logged in as a restricted user. PDL Options

The PDL options, available in the PDL Settings dialog box, are accessed in Device Settings. PCL XL The most recent version of HP PCL and PCL 6. This PDL includes PCL 5e features. PCL XL lacks backward compatibility with earlier PCL versions, though it is enhanced over PCL 5e in these areas: Reduced file size Better print speed Faster return to application PCL 5e Fully compatible with earlier PCL versions Bidirectional communication support Wide selection of fonts for use with Microsoft Windows applications Complex graphics might not print as well KPD KPD is used when printing from applications that support PostScript 2 or 3. An emulation of PostScript printing Strong graphics reproduction Print speeds may be slower than PCL 5e Requires more printing system memory than PCL 5e Enables native TrueType font downloading Supports most Graphics settings options PDF Output to PDF is a plug-in feature that lets you print and save documents from multiple sources to Adobe PDF. This feature can be used as an alternative to existing commercial applications for creating PDF documents. Documents saved as PDF retain their original appearance, and can be viewed and printed with Adobe® Reader® on Windows, Mac OS®, and UNIX® platforms. For a document using mixed paper sizes, all pages in the PDF use the size of the first page. 2-12 User Guide Device Settings Note: With PDF selected in the PDL Settings dialog box, only a limited set of driver options are available. PDL Settings When you click the Settings button, the available options are: PCL XL Settings or KPD Settings Enable smart duplex printing This option automatically keeps a sheet of paper from being sent through the duplex unit if the sheet will only be printed on one side. The duplex unit will be bypassed for the following types of print jobs: a one page document, one page from a multi-page document, or a multi-page document that prints onto a single sheet. Selecting this option can reduce wear on the mechanical duplex unit, and result in comparatively faster printing times.

PCL XL Settings Skip printing blank pages This option prevents the printing system from outputting any page that contains no data, or that has, at most, one space character. Selecting this option can save paper, and result in comparatively faster printing times. This feature is for regular printing (not for booklet, duplex or multiple pages per sheet). KPD Settings Allow data passthrough This option reduces errors when printing complex jobs from applications that use PostScript formatting. When selected, EMF spooling is not available in the Advanced tab. PDF Settings Provides options for printing and saving documents to Adobe PDF format. See PDF topics for details. Selecting a PDL You can select a page description language from PDL options. 1 2 3 In Device Settings > PDL > PDL Settings, select the desired page description language from the Select PDL list. You can select the GDI compatible mode option to improve the output quality of graphics created by your application.

Select Settings when the PDL is set to PCL XL, KPD or PDF. If you select PCL XL, you can select Skip printing blank pages and Enable smart duplex printing. If you select KPD, you can select Allow data passthrough and Enable smart duplex printing. If you select PDF, you can select from the available PDF Settings. 4 KX DRIVER Click OK in the PDL Settings and Properties dialog boxes.

2-13 Device Settings PDF Options You can select PDF options if you have installed the Output to PDF plug-in. The PDF Settings dialog box contains the following options: PDF Settings Embed fonts This option ensures that document fonts appear accurately in the PDF file on screen. This option ensures accurate reproduction but significantly increases the file size. Compress data This option enables flat compression for the generated PDF document. This option significantly reduces the file size.

Additional compression options are available within Adobe Acrobat. Security This option applies encryption to the PDF document. Click Settings for additional Security settings. See the next section for details. Print and save This option lets you print and save a document as a PDF file. Click Settings for additional Print and save settings. Security Settings This option lets you select an encryption level and create passwords for the generated PDF file.



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The following security options are available: Encryption Encryption provides password protection so that a document cannot be opened or altered by unauthorized users 40 Bit This encryption option provides low level security for a PDF document. It is supported for earlier versions of Adobe Acrobat and Adobe Reader 3.0 - 4.

x. 128 Bit This encryption option provides high level security for a PDF document. It is supported for Adobe Acrobat and Adobe Reader 5.0 or later. Passwords Select passwords for changing security settings and for opening a document. Passwords are supported to a maximum of 16 characters in length. Require password to change security settings Type an Owner password. Within Adobe Acrobat, this password is required to change the document restrictions in the Files > Properties > Security section. When a document with this password is opened in Adobe Reader, it cannot be printed or edited, and document data cannot be copied. Require password to open document Type a User password.

The user password must be entered at the time the PDF document is opened. This password must be different from the owner password. Print and Save Settings This option lets you print and save a document as a PDF file. 2-14 User Guide Device Settings Save to file only A PDF file is created and saved locally. Save to file and print A PDF file is created, saved locally, and sent to print.

After you select between these two options, you can choose the following option: Automatically save to default file A PDF file can be saved automatically as a default file to be used again. You can then select from the following options: Replace default file This option replaces an existing file having the default file name KxPdf.pdf. Use default file + date and time This option lets you use the default name and add a date and time stamp each time the document is saved. Default file directory This option lets you browse to a location to save your PDF.

Printing and Saving to PDF You can print a document and save it to Adobe PDF, if you have installed the Output to PDF plug-in. 1 2 3 4 5 6 7 XPS Driver In Device Settings > PDL Settings, in the Select PDL list select PDF. Click Settings. In the PDF Settings dialog box, select Print and save. Click Settings, and select from print and save options. See the PDF Options topic for details. Click OK in all dialog boxes. Open and print the document. Name and save the PDF file. In Windows 7 and Windows Vista, the XML Paper Specification (XPS) Page description language provides the most efficient method for displaying, processing, and printing documents.

As both a PDL and a document format, XPS requires compatible printer hardware and software written for the Windows Presentation Foundation (WPF) architecture. PCL and KPDLL are not compatible with an XPS environment. Therefore, an XPS driver supports a single PDL setting. The XPS driver can be installed from the Product Library CD. In the Installation Method menu, click Custom Mode, and on the Custom Installation page, select KX XPS DRIVER. KX DRIVER 2-15 Device Settings To view a print to file XPS document, download and install the Microsoft XPS Viewer. Compatibility Settings Compatibility Settings lets you specify media source values, override the application's Collate setting, and combine the Source and Media type lists in the Basic tab. In a client/server environment, this feature is unavailable to a client logged in as a restricted user. Media Source Enumeration Media source enumeration supports compatibility for media source values unique to the printer driver, such as those for cassettes or feeders. Your newly installed printer driver maintains identical media source support with the driver it replaces, whether for this driver or one from another manufacturer.

If media source macros exist for the older driver, then the alignment of media source values maintains support without the need to change the macros. Setting Media Sources Use the Driver Info utility (Utility\Driver Info\DrvInfo.exe) to compare the source values for all installed drivers. If the values for a given media source differ between printer drivers, you can reassign an enumerated value to create a match between the drivers. 1 2 3 In Device Settings > Compatibility Settings, from the Media source enumeration list select the paper supply method.

The current value is listed in the Enumerated value box. Type an Enumerated value for the media source, and click Apply. To align settings with a different driver, this value should align with those in the other driver. Click OK in the Compatibility Settings and Properties dialog boxes. You can restore all the options in Compatibility Settings to the default by clicking Reset.

Ignore Application Collation This option bypasses the Collate setting in software applications, and gives priority to the printer driver setting. With the check box selected, the printer driver Collate setting is used. With the check box cleared, the application Collate setting is used. Selecting Printer Driver Collation You can ignore the collation setting in the application and use the printer driver collation setting. 1 2 2-16 In Device Settings > Compatibility Settings, select Ignore application collation. Click OK in the Compatibility Settings and Properties dialog boxes. User Guide Device Settings You can restore all the options in Compatibility Settings to the default by clicking Reset. Combine Source and Media Type Lists You can change the driver's Basic tab so that Media type and Source are combined into one list, labeled Source. In the combined list, Media types are listed first, followed by cassettes and MP tray. Creating a Combined Source List You can combine the Source and Media type lists in the Basic tab to make one Source list.

1 2 In Device Settings > Compatibility Settings, select Combine source and media type lists. Click OK in the Compatibility Settings and Properties dialog boxes. You can restore all the options in Compatibility Settings to the default by clicking Reset. Removing a Plug-in You can remove an installed plug-in from the driver. If removed, the plug-in features do not appear in the driver interface. Note: To remove the Output to PDF module, PDF must not be selected in the PDL Settings dialog box. 1 2 3 In Device Settings, click Kyocera logo > Plug-in. Select a plug-in module from the list and click Delete, then Yes. Click OK in all dialog boxes. KX DRIVER 2-17 3 Quick Print In the Quick Print tab, you can apply basic print settings to print jobs.

Any Quick Print settings can be saved as a group, called a profile, and applied to any print job. Profiles support common printing tasks. The Administrator can set the view of the Quick Print tab through the Installation process, or Administrator Settings in Properties. This chapter can be used as a separate Quick Print user guide when KX driver support is controlled by an administrator. Quick Print Options You can set one or more print options on the Quick Print tab.



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