

ColorDesigner® 10



Installation Guide



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Introduction

The X-Rite® ColorDesigner® software and instrument make paint matching fast and accurate. The instrument measures a customer's color sample in the Sample Holder and processes the sample's color data characteristics—also factoring in lighting conditions, mixing base, and tints. Then, the ColorDesigner software displays the paint mix formula that matches the customer's sample. All of these functions are accomplished in a matter of seconds. Each function is displayed on your computer display where the customer can view the entire process.

Recommended System Requirements

To install and use the ColorDesigner software with the instrument, you need the following:

- 2.8 GHz Pentium 4 or higher
- Windows XP Pro with SP2 or Windows Vista Business Edition (32 bit)
- Internet Explorer 6.0 or 7.0
- Monitor screen resolution of 1024 x 768
- 512 MB RAM for Windows XP or 1 GB RAM for Windows Vista Business Edition (32 bit)
- 4-6 USB ports (depending on peripherals)
- 2 serial ports (depending on peripherals)
- 80 GB hard drive
- 48x CD-ROM

About This Manual

This manual is intended to provide software and general instrument installation procedures. Specific software application information is available from the ColorDesigner online help system. The instrument's documentation covers installation, operation, calibration and general maintenance.

If the system you purchased included a computer and monitor, refer to the documentation that is included with those products for specific installation procedures.

Important Information

If you purchased a ColorDesigner turnkey system, the following software components are already installed on the computer:

- ColorDesigner application and Internet Explorer
- Paint line libraries
- USB instrument driver
- USB printer driver

Please retain the ColorDesigner, printer, and database modules CDs in the event that a reinstallation is required.

When choosing an operation in your ColorDesigner application, please allow time for the selected operation to complete before choosing another operation.

Getting Help

Use the ColorDesigner help system as you learn how to use the software. The help system includes step-by-step instructions for specific tasks, conceptual and reference information.

The help system uses the same technology as web pages—links to related topics, definitions, and more detailed information appear as underlined text. Click these links to move to other topics in the help system.

You'll find a Help button near the top right corner of almost every screen in ColorDesigner. Click Help to find out more about the ColorDesigner screen that is currently active.

Technical Support

X-Rite's commitment to quality does not end with your product purchase. We stand behind your system with a strong commitment to customer service. Our customer service departments are fully staffed with qualified technicians to assist you via phone or fax. When placing a call, please have the following information close at hand:

- Your software version number and instrument serial number
- Your name and company name
- Your telephone number
- If the problem you are experiencing caused an error message, write the message down
- Also, write down the steps you were performing before the problem occurred
- Have the instrument and software running within reach of the telephone

For Instrument and Software Assistance (option 4), contact your X-Rite Authorized Representative (option 1) or Customer Service (option 3) at:

- Tel: 1-800-572-4626
- Fax: 1-888-826-3043

Getting Started

Before you begin installation, make sure that you have:

- ColorDesigner software CD
- Manuals and Utilities CD
- ColorDesigner paint line libraries CD
- Measurement instrument and cables
- Dymo printer, cables and CD

To install X-Rite ColorDesigner, follow the illustrated step-by-step instructions beginning with Section A.

Do not plug in your instrument or printer until told to do so in these instructions.

A. Installing ColorDesigner® Software

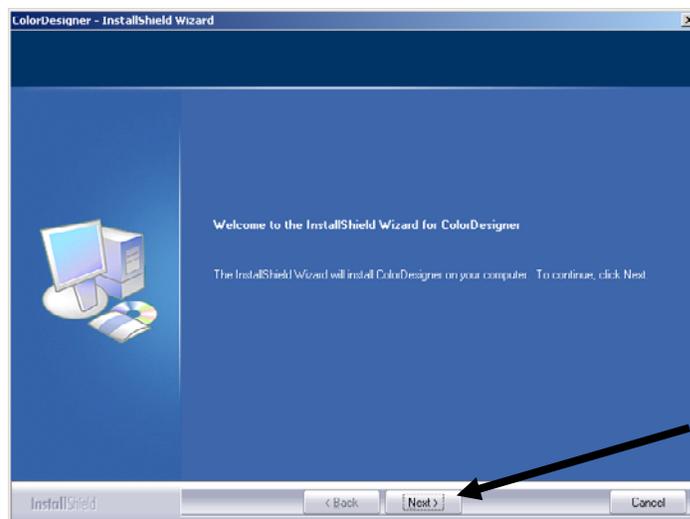
IMPORTANT: You must be logged on as an administrator or a member of the administrator's group in order to install this application on an XP system.

1. Insert the ColorDesigner CD into the CD-ROM drive. If ColorDesigner setup CD screen does not open automatically, double-click the ColorDesigner CD icon in My Computer window.
2. After a few moments a screen appears informing you that Microsoft SQL Server 2005 Express must be installed. Click **Install** to continue. A screen appears showing the progress of the installation.

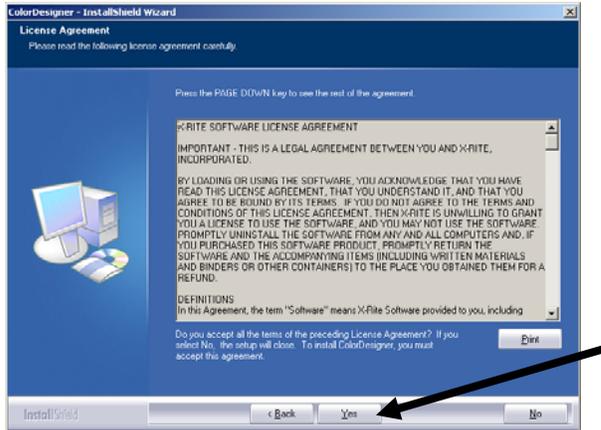
NOTE: This installation will not appear if Microsoft SQL Server 2005 Express is already installed on your computer.



3. Welcome screen appears. Click **Next** to continue.

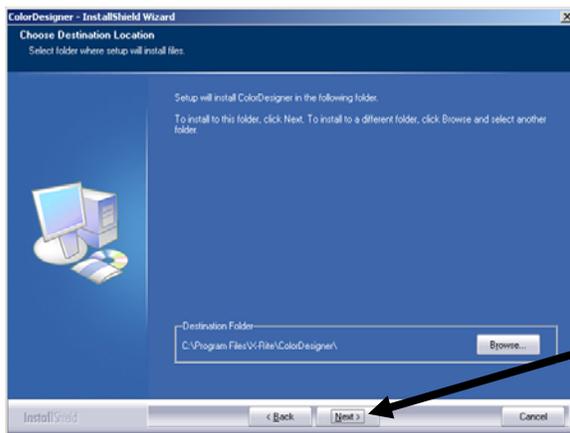


- If you agree with the software license agreement click **Yes** to continue.



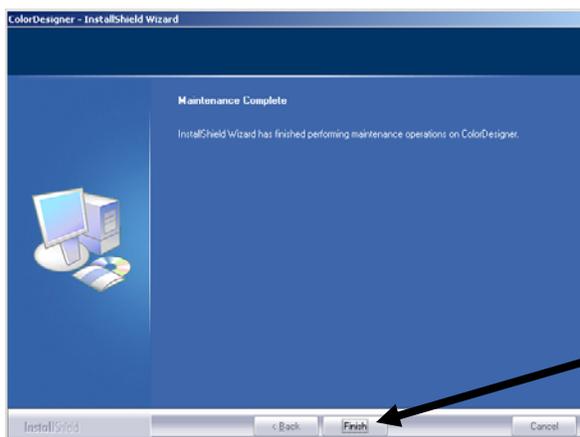
NOTE: You must accept the license agreement to continue with the installation.

- At the Choose Destination Location screen click **Next** to continue.



NOTE: If this is a new installation, you will be required to enter the last 4 digits of your AUI number in the field of the Application Unique Identifier screen. The number can be found on the software CD packaging. Click **Next** to continue.

- After the installation, you may be asked to restart your system when finished. If this is the case, it is recommended that you select the "restart computer" option before continuing. Click **Finish** to exit.

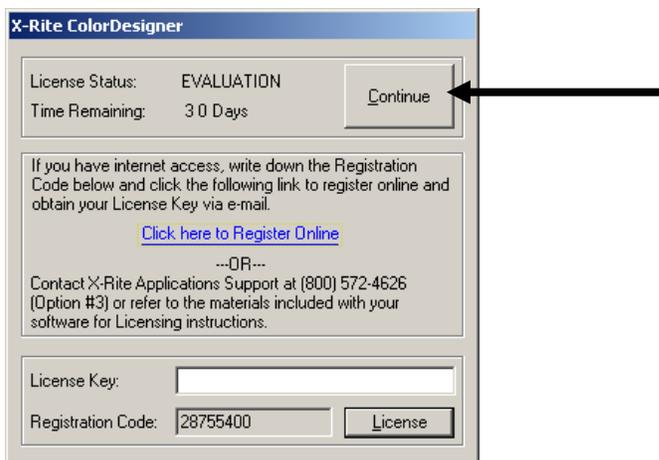


B. Installing ColorDesigner® Paint Line Libraries

1. Start ColorDesigner by double-clicking the **X-Rite ColorDesigner** icon on the desktop.



2. A software registration screen appears. At this point, you have the option to register your software now or click **Continue** and register later. If you decide to register later, you will have up to 30 days to run the application in Evaluation mode (unregistered). X-Rite recommends that you register your software as soon as possible. Refer to Section C, Registering Your Software with X-Rite for the procedure.

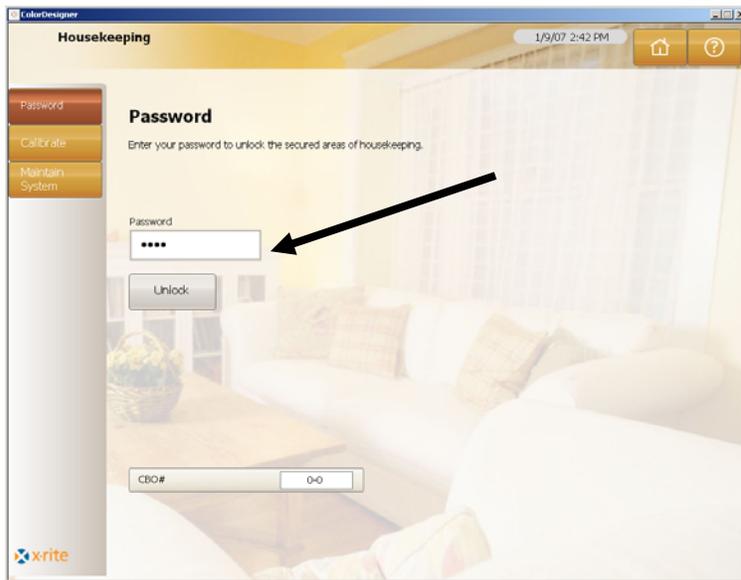


3. On the Main Menu screen, click **Housekeeping**.

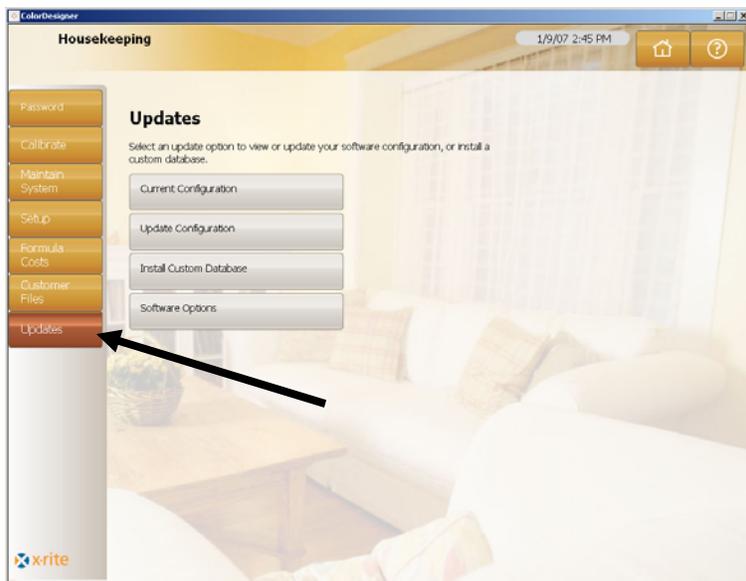


NOTE: Certain functions are optional and may not appear on your Main Menu.

4. Type in your Housekeeping Password then click **Unlock**. The default Housekeeping password is **1234**.

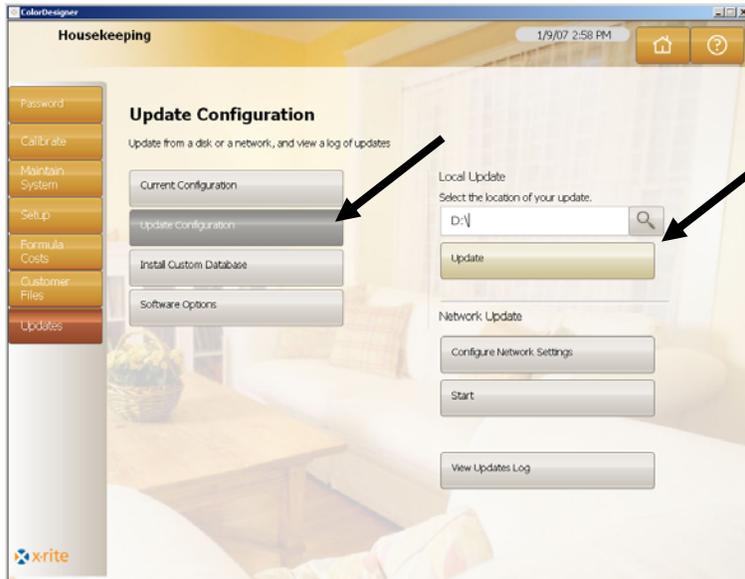


5. Click the **Updates** icon at the left side of the screen.

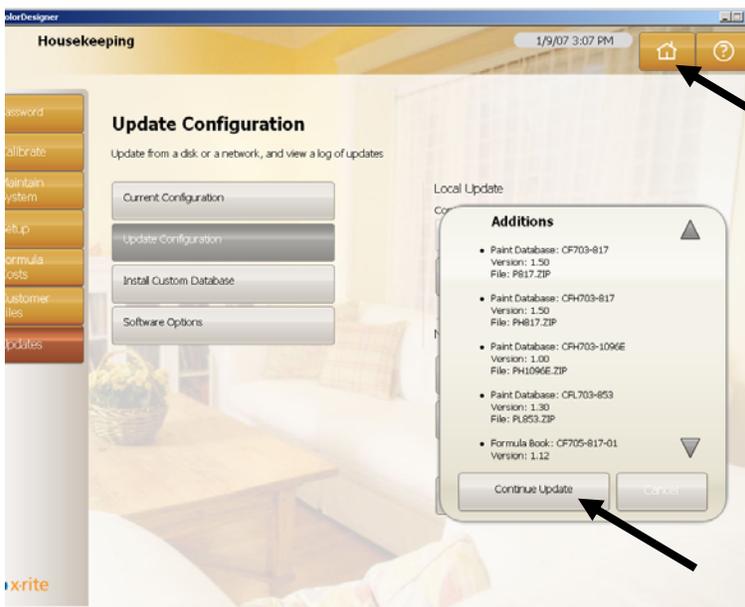


6. Insert CD or disk one of your ColorDesigner update into the appropriate drive.

7. Click **Update Configuration** on the left side of the screen.
8. Select location (**A:\, D:\, etc.**) of update on the right side of the screen, then click **Update** and then **OK**.



9. Click **Continue Update**.



10. Follow the prompts on the screen to complete the database installation.
11. After update is complete, click **OK**.
12. Finish by clicking the **Main Menu** button.
13. Store your update CD or diskettes away for safekeeping.

C. Registering Your Software with X-Rite

NOTE: If you purchased a turnkey system, your software has already been registered.

1. Locate the ColorDesigner CBO number that is included with your software. Also, write down the Registration Code number that appears at the bottom of the X-Rite ColorDesigner License dialog.
2. If you are registering Online, click the **Click here to Register Online** link text. This link takes you to X-Rite's Product Registration page. From this page you select the product (ColorDesigner) and then the software version number. You are then asked to enter the Serial (CBO) number, Registration Code and AUI number. The AUI number is located on the inside front cover of the binder or on the CD case. After completion, you will instantly be given the License Key number that allows you to register your software. This number will also be emailed to you if you provide an email address.
You can also register your software by calling the phone number listed and providing Customer Service with the CBO, Registration Code and AUI numbers.
3. Enter the license key number obtained from Customer Service in the **License Key** field and click **License**. Your software is now licensed and this screen will no longer appear when you start up your system.

X-Rite ColorDesigner

License Status: EVALUATION
Time Remaining: 30 Days

If you have internet access, write down the Registration Code below and click the following link to register online and obtain your License Key via e-mail.

[Click here to Register Online](#)

---OR---

Contact X-Rite Applications Support at (800) 572-4626 (Option #3) or refer to the materials included with your software for Licensing instructions.

License Key:

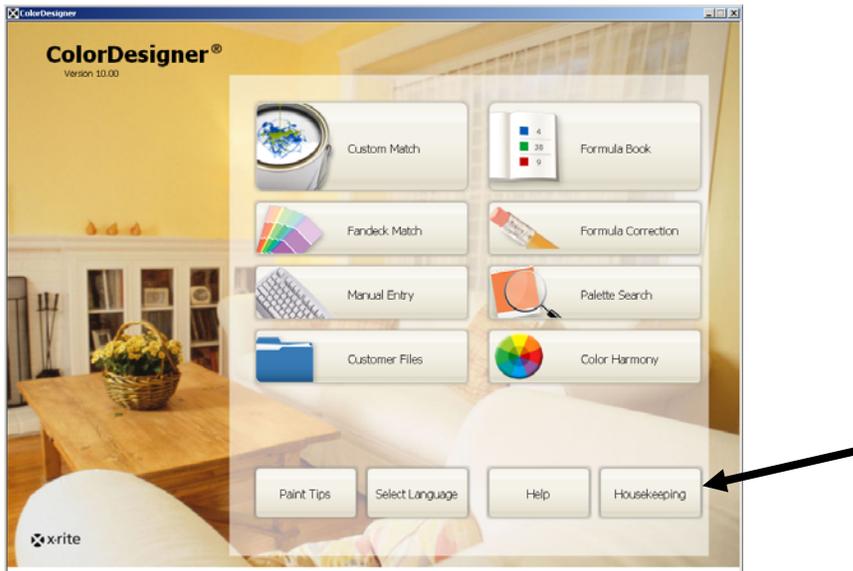
Registration Code:

D. Security

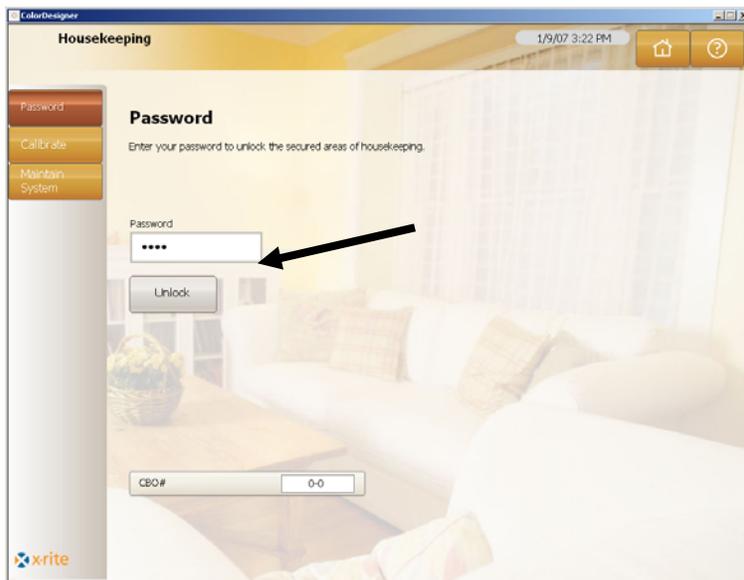
Security has been built into ColorDesigner to prevent any unauthorized access to the Desktop. Upon installation the default Housekeeping password is "1234". It is recommended that you change the default password to maintain security.

Changing the Password

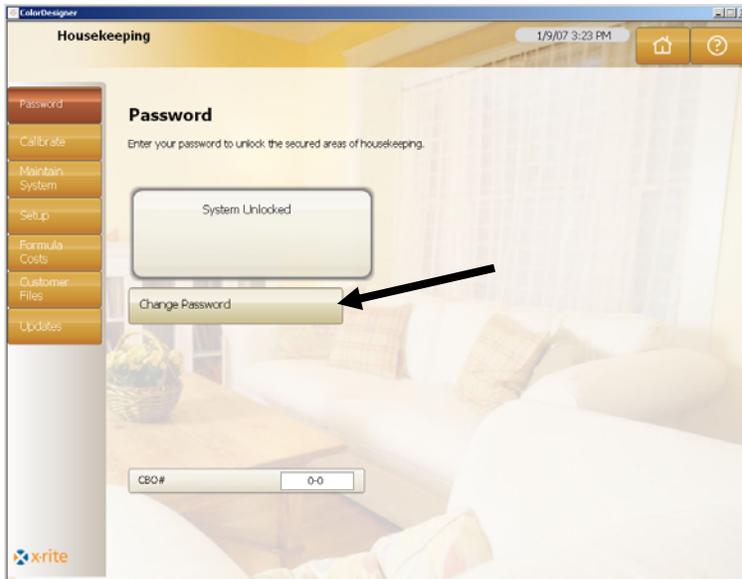
1. On the Main Menu screen, click **Housekeeping**.



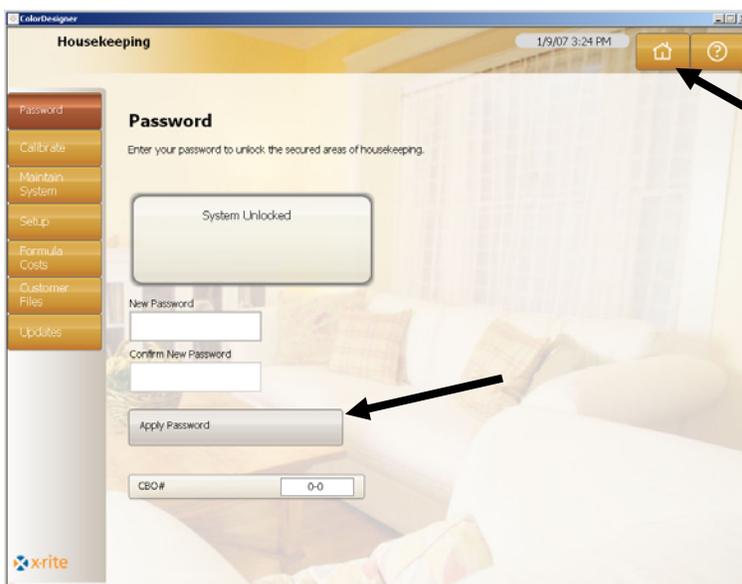
2. Type the default Housekeeping Password then click **Unlock**. The default Password is **1234**.



3. Click **Change Password**.



4. Enter your new housekeeping password twice and click **Apply Password**. Keep this password in a safe and secure place. If you lose your password, contact X-Rite Customer Service.

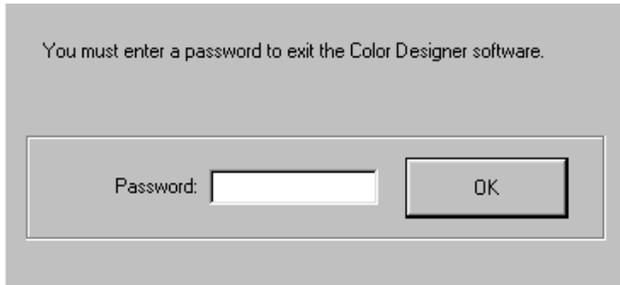


5. Finish by clicking the **Main Menu** button.

Accessing the Desktop

If ColorDesigner is running full screen and you would like to use your computer for something other than paint matching, hold down the **Alt** key while pressing the **F4** key.

1. Type the housekeeping password into **Password** field and click **OK**. ColorDesigner will exit.

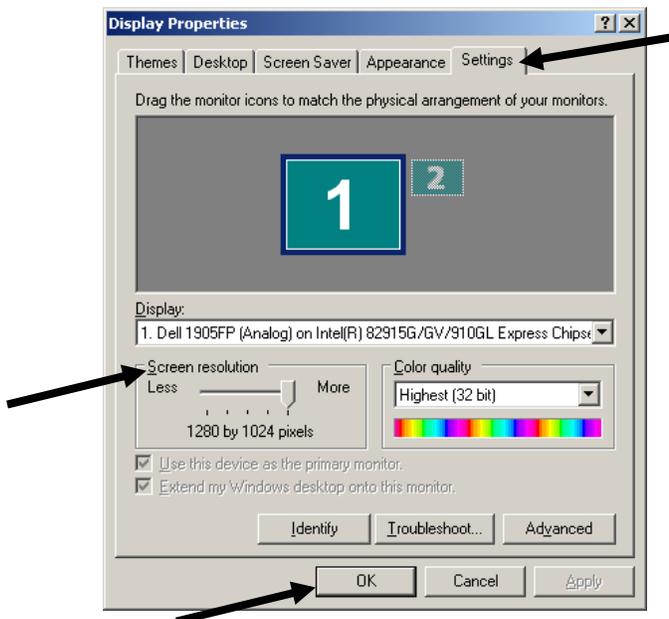


Using ColorDesigner in Windows

If ColorDesigner is running full screen and you would like to run it in a window:

1. Access the desktop (see above).
2. Click the **Start** button.
3. Double-click **Display**.
4. Click the **Settings** tab.
5. Adjust the screen resolution so that it is greater than 1024 x 768.
6. Click **OK**.

NOTE: While using ColorDesigner in Windows your system will not be secure.



E. Importing Customer Files (Optional)

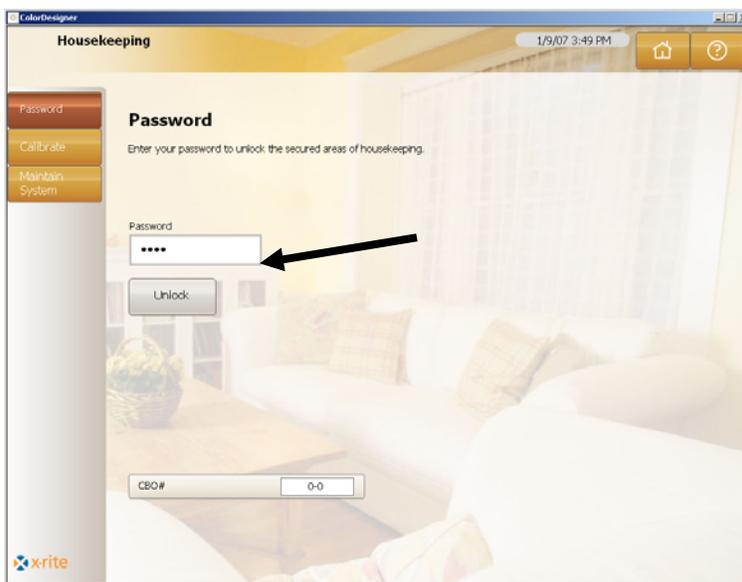
This feature allows you to import customer files from ColorDesigner 5.00.2 and earlier, MatchRite Companion, and MatchRite Classic color matching systems.

X-Rite recommends that you have your backed up files stored on a USB flash drive device to allow for faster customer file imports. The USB flash drive is a compact and easy-to-use device that is similar in use to your computer hard drive. USB flash drives slip into your pocket, conveniently around your neck or on a keychain for ultimate portable storage.

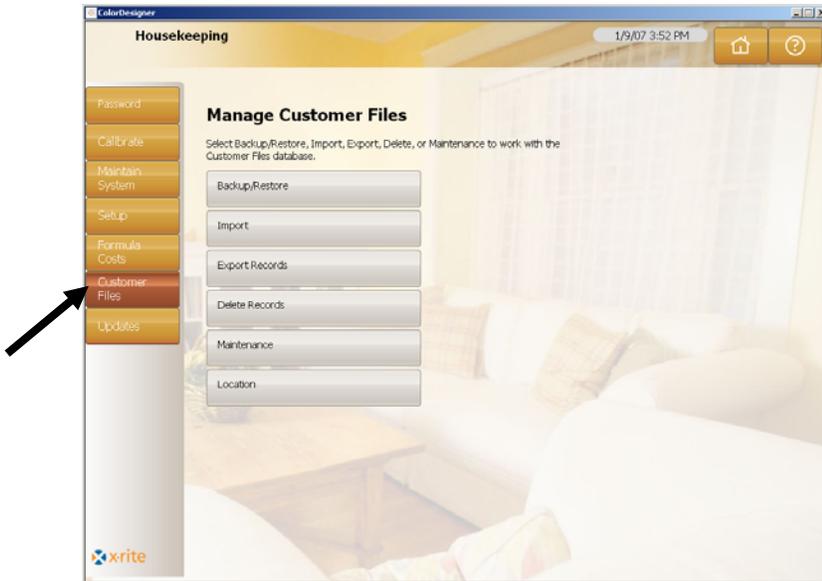
Despite the different brands and names you've heard for USB flash drives – JumpDrives™, Pocket drives™, Pen drives™, Thumb drives™ or Travel drives – they all pretty much operate the same way. The difference is mostly in price, capacity, design, functions.

USB flash drives are sturdier and offer more storage in a smaller form factor than floppy discs. Better yet, they require no drive for your computer. Just insert the USB flash drive into a computer's USB port using a modern operating system and you're ready to go to work.

1. If it is not running, start ColorDesigner.
2. Insert your flash drive in a USB port (or diskette in the drive) that contains the backed up customer files.
3. In the Main Screen, click **Housekeeping**.
4. Type your housekeeping password and click **Unlock**. Default password is 1234.
5. Click **Unlock**.

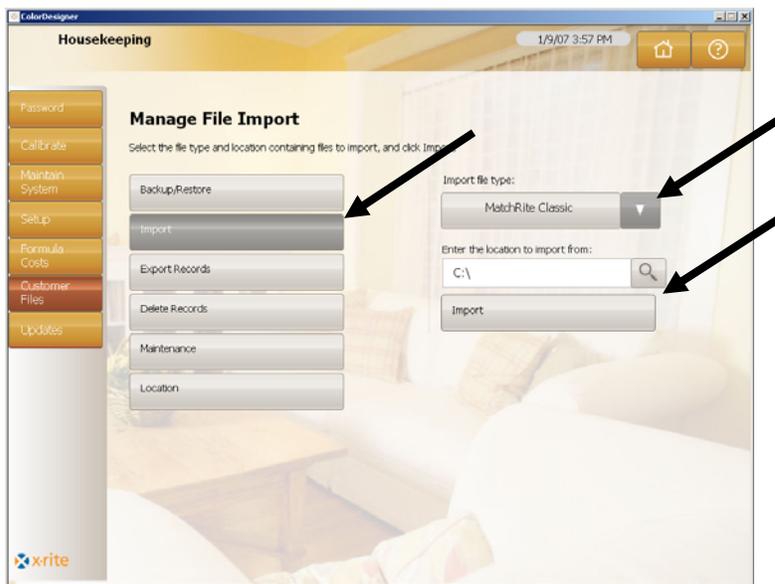


6. Click **Customer files**.



7. Click **Import** to see the import options.

8. From the Import file type drop down arrow on the right, select **MatchRite Classic** (for Classic or Companion), **ColorDesigner**, **PaintMaker**, or **ColorRx**.



9. For Classic and Companion customer files, select the appropriate drive letter and click **Import**. Click **OK**.
For ColorDesigner customer files, select the location and the file name and then click **Import**.
For PaintMaker or ColorRx files, type the file name or use the folder icon to locate the file to import, then click **Import**. For PaintMaker, select the shot size used when prompted. Click **OK**.

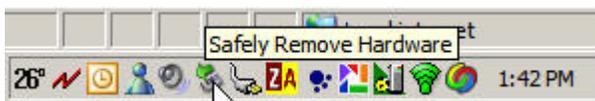
While your customer files are being imported you will see a progress meter on the screen showing the status of the files being extracted.

After your customer files are imported, a message box appears informing you on how many customers and formulas were imported. Click **OK**.

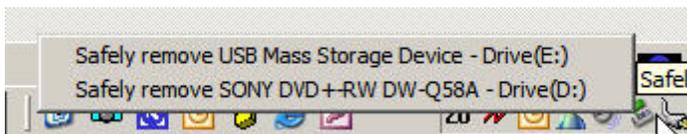
10. To import more files, repeat the steps.
11. Finish by clicking the **Main Menu** button.

To safely remove USB flash drive from your system, please follow steps below:

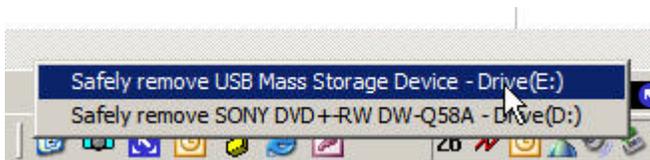
1. Exit **ColorDesigner** by pressing keys "**ALT + F4**" on the keyboard. Enter the *Housekeeping* password if needed.
2. Move the cursor to the right-lower corner. Look for the green arrow pointing to the South West.



3. Left-click on the icon. A list of removable items will be shown.



4. Simply click on the item that you wish to remove.



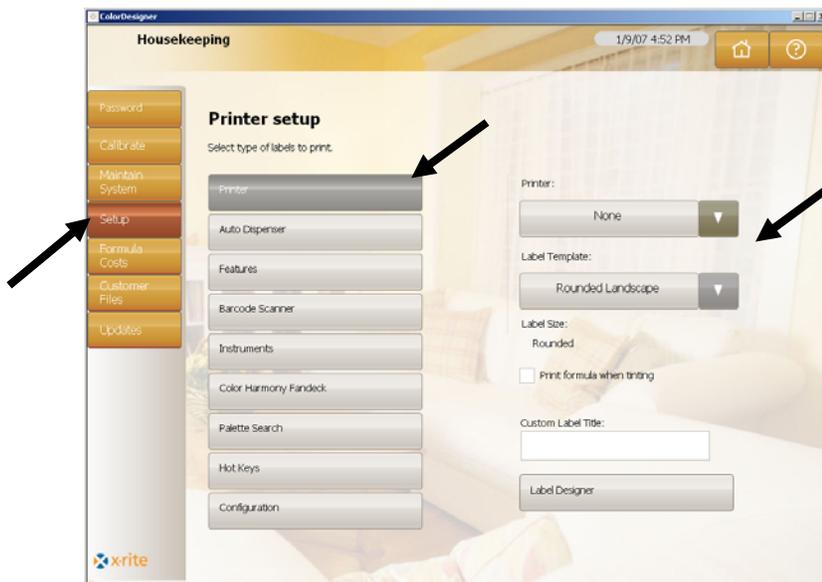
5. You will see this message.



6. At this point USB flash drive can be removed from the PC and stored in the safe place.

F. Selecting Printer and Label Size

1. If it is not already running, start ColorDesigner.
2. In the main menu, click on **Housekeeping**.
3. Type your housekeeping password and click **Unlock**. Default password is 1234.
4. Click **Setup**.
5. Click **Printer**.
6. Select the printer to use by clicking on the down arrow to the right.
7. Select a label template from the list by clicking the down arrow to the right.
8. Select the **Print formula when tinting** check box to print a label every time a tint command is sent to the tinter.
9. Type in a custom label that will appear on the rounded and wide labels.
10. Custom label templates can be created by clicking the **Label Designer** button.

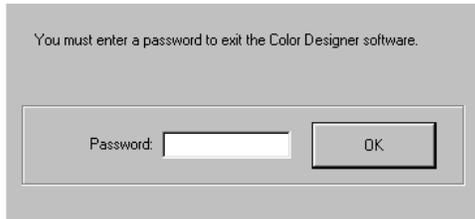


11. Finish by clicking the **Main Menu** button.

G. Installing Your Instrument

Begin by exiting ColorDesigner (if running) to return to the Windows desktop.

1. Hold down the **Alt** key while pressing the **F4** key.
2. Type the housekeeping password into this dialog and click **OK** to exit ColorDesigner.

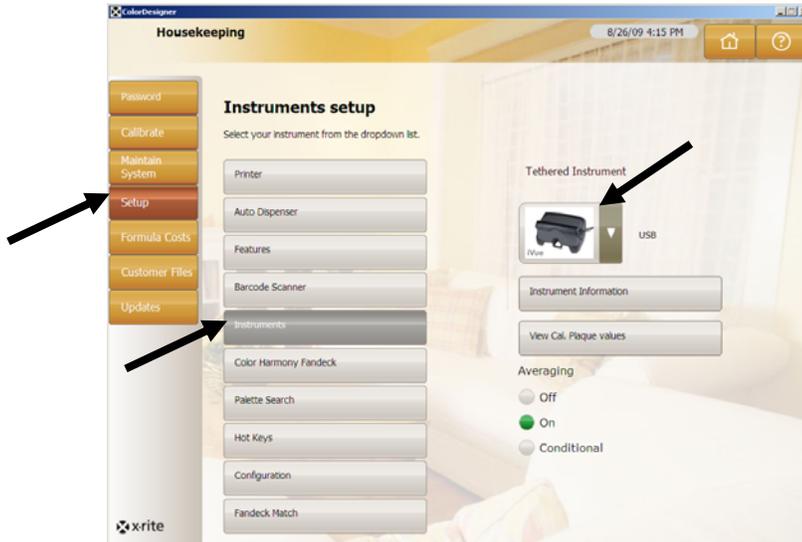


3. Plug power to your instrument and turn on if necessary. Refer to the Instrument Operation Manual for additional information.
4. *For Serial COM port instruments:*
Attach the serial cable to the I/O port on the back of your computer and the other end to the serial port on the instrument. Advance to Step 9 in this procedure.
For USB port instruments:
Attach the USB cable to the port on your instrument and the other end to an available USB port on your computer.
5. The Welcome to the Found New Hardware Wizard screen appears. Insert your ColorDesigner CD into your CD-ROM.
6. Ensure option **Install the software automatically** is selected and click **Next**.



7. A window may appear informing you that the printer has not passed Windows Logo Testing. If so, click **Continue Anyway**.
8. Click **Finish** and remove the ColorDesigner CD for the CD-ROM drive.

9. Start ColorDesigner.
10. In the main menu, click on **Housekeeping**.
11. Type your housekeeping password and click **Unlock**. Default password is 1234.
12. Click **Setup**.
13. Click **Instruments**.
14. Click the **Tethered Instrument** down arrow to select your instrument.



15. A connection established dialog appears. Click **OK**.



16. Click **Main Menu** on the Housekeeping screen to finish.

H. Installing the Dymo USB Label Printer

Begin by exiting ColorDesigner (if running) to return to the Windows desktop.

1. Hold down the **Alt** key while pressing the **F4** key.
2. Type the housekeeping password into this dialog and ColorDesigner will exit.



NOTE: Do not connect the Dymo USB label printer to your computer until instructed to do so during the printer software installation.

3. Insert the LabelWriter CD into your CD-ROM drive. The installation screen should appear. If the installation screen does not appear, browse to the CD and double-click the **install.exe** file.
4. Select the language to install.
5. Click **Install**.
6. Select the **Accept License** option and click **Next**.
7. Click **Next** on the Welcome screen.
8. Click **Next** on the Destination Directory screen.
9. Click **Next** on the Ready to Install screen.
10. Select **USB Port** option and click **Next**.
11. Plug in the power cord and turn on your Dymo Label printer.
12. Plug your USB cable into the USB port on the bottom of your printer.
13. Plug the other end of the USB cable into your computer.
14. After a few moments the Installation Complete screen appears. Click **Finish**.
15. Remove the CD from the CD-ROM drive and store in a safe place.

Your **Dymo** printer should now be ready to print labels.

I. Configuring Auto Dispenser

The setup will vary depending on the type of dispenser you have. ColorDesigner supports a variety of dispenser with varying configurations. The three configurations supported are Remote, Integrated and Direct. They are explained below.

Remote - ColorDesigner communicates with the dispenser software on a separate computer. This communication typically occurs through an RS-232 port.



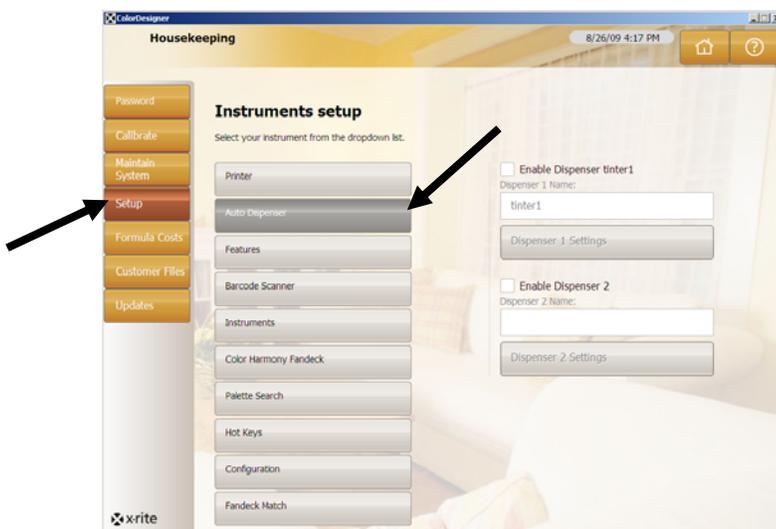
Integrated - ColorDesigner communicates with the dispenser software on the same computer. This communication typically occurs by writing a formula file to the computer disk.



Direct - ColorDesigner communicates directly with the dispenser. A dispenser driver is typically supplied by the dispenser company. No user configuration is required with the connection protocol.



1. If it is not already running, start ColorDesigner.
2. In the main menu, click on **Housekeeping**.
3. Type your housekeeping password and click **Unlock**. Default password is 1234.
4. Click **Setup**.
5. Click **Auto Dispenser**.



Note: For more detailed instructions on setting up dispenser hardware and software, please contact the dispenser manufacturer.

6. Check the **Enable** box of the dispenser you want to configure.
7. Click in the **Dispenser** name field and enter a name for the dispenser. This is the name you will select during a color match for auto tinting.
8. Click the **Dispenser # Settings** button to enter the configuration mode.
9. For **Remote** dispensers:
 - Select dispenser type from the **Dispenser Brand** list.
 - Select **Remote** or a remote model from the **Connection Protocol** list.
Note: For a Fluid Management dispenser, **Harbil-A** is strongly recommended.
 - Select the computer port that will be used from the **Dispenser Port** list.

For **Integrated** dispensers:

- Select dispenser type from the **Dispenser Brand** list.
- Select **Integrated** or a integrated model from the **Connection Protocol** list.
- Enter the formula **File Path** and **File Name** in the appropriate fields if applicable.

For **Direct** dispensers:

- Select dispenser type from the **Dispenser Brand** list.
- Select **Direct** from the **Connection Protocol** list.
- Setup the various dispenser parameters as appropriate.

10. Click the **View Dispenser Log** button to see an existing log of dispenser activities.
11. Click **Done** when finished.
12. Configure an additional dispenser if required.
13. When finished, click **Main Menu** to exit.

J. Set Up ColorDesigner Hot Keys

Hot keys let you save time by storing common selections in one keystroke. Instead of requiring you to make a selection on every screen, the hot key enters pre-set choices.

For each hot key, you can store a specific combination of supplier, use, paint type, and so on. Then, while using the application to select paint, you click the hot key or press the associated "F" key at the top of your keyboard. The choices you stored are automatically entered, leaving you at the next resulting screen in the application.

1. If it is not already running, start ColorDesigner.
2. In the main menu, click on **Housekeeping**.
3. Type your housekeeping password and click **Unlock**. Default password is 1234.
4. Click **Setup**.
5. Click **Hot Keys**.



6. In the right-hand panel, click any unnamed hot key. The Supplier screen displays.
7. Select the Supplier you want stored in the hot key. The Use screen displays.

NOTE: From this point on, you can click **Save Current Selections** (in the right-hand panel) to create a hot key from the combination of selections you have made.

8. Continue to click through screens, making the selections as desired.
9. When your hot key combination is complete, click **Save Current Selections**.
10. When prompted, type a name for the new hot key. Use a title that helps you remember what is stored in that hot key.
11. Click **OK** to return to Housekeeping: Setup: Hot Keys.

K. Set Up for a Barcode Scanner

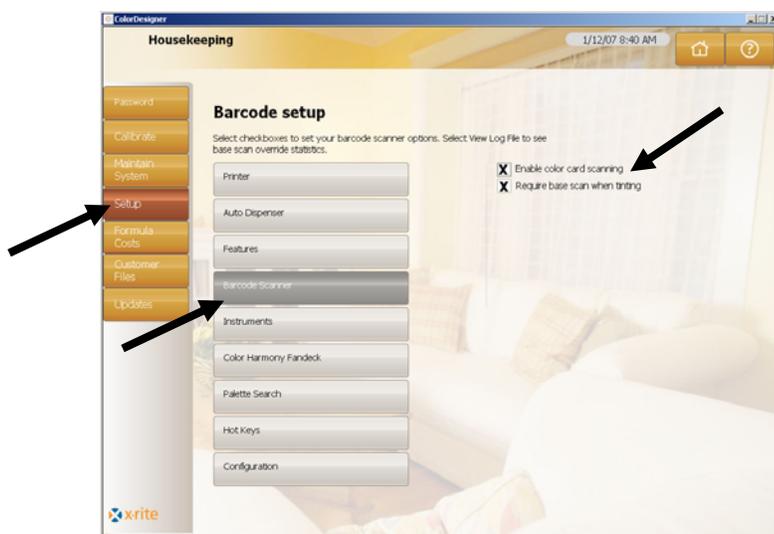
The “Require base scan when tinting” option allows you to require that the barcode on a can of base paint be scanned before tinting. The “Enable color card scanning” option allows color matching to formula books by scanning the barcode on a color card.

The barcode scanner used must be able to transmit a question mark (?) before and after a barcode is scanned in order for it to be recognized by ColorDesigner.

Example: ?23EFR456?

Refer to the documentation that accompanied your scanner for installation and information on setting it up for the question mark option.

1. If it is not already running, start ColorDesigner.
2. In the main menu, click on **Housekeeping**.
3. Type your housekeeping password and click **Unlock**. Default password is 1234.
4. Click **Setup**.
5. Click **Barcode Scanner**.
6. In the right pane, check **Enable color card scanning** and/or **Require base scan when tinting**.



7. Click **Main Menu** to finish.



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Please visit www.xrite.com for a local office near you.