

“photography inspired solutions”



QUICK START GUIDE

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For General Technical Questions or Support:

Call 1-888-508-3443

Our normal business hours are Monday-Friday, 8 a.m. to 8 p.m., U.S. Central Time, excluding major holidays. If all representatives are busy, please leave a message and one of our technical support representatives will call you back as soon as possible, always within four hours (during normal business hours). Emergency messages can be left after normal business hours and will be returned as soon as possible by an on-call representative.

For General Information and Updates:

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Getting Started

ExpressDigital Darkroom Professional software is designed specifically for busy professional photographers who need an application as versatile as the photography they shoot. Award-winning Darkroom Professional offers the ultimate in ease of use and performance. No other software product offers such speed and functionality. Whether you are on the sidelines, at a charity fundraiser, or shooting portraits, simply shoot, preview, add a custom border, and print - all in seconds and all on-location, in the studio, or at the lab.

Darkroom Professional is loaded with the features you need to leverage your digital investment. Shoot tethered or un-tethered with your choice of professional digital cameras; apply graphic overlays or produce imaginative green screen fantasy photographs and print just about any size to the industry's best digital printers. For portraits, shoot in the studio and sell in a presentation room. Enhance the sales process by allowing your customer to interactively rank and compare images.

Darkroom Professional allows the user to create new products with a click of the mouse by applying graphic effects such as sepia tone and black and white. Print locally or to a central lab. The Darkroom Professional photography solution gives you the power to shoot and sell more!

The following are some of ExpressDigital Darkroom Professional's features:

- Apply graphic templates, turning photos into products
- Retouch photos while keeping the digital negative safe in the Retouch Workshop
- Advanced RAW workflow makes working with RAW as easy as working with JPGs
- Connect email addresses with photos to actively e-market and increase storefront sales
- Create limitless print packages
- Edit and enhance photos with one-click ease
- Manage and archive images seamlessly
- Post and sell photos online with PhotoReflect.com[®]
- Send orders electronically to professional labs with Labtricity[®]
- Easily make your own graphic templates
- Make photography fun with built-in green screen shooting
- Sell immediately using on-screen presentation modes
- Direct capture with the industry's best professional digital cameras
- Color manage your workflow from capture to print
- Utilize production printing to professional digital printers and mini-labs
- Print to file with user-defined raster printing
- Scale to any size studio using network capabilities
- Create and save borders on the fly
- Create digital media such as slideshows and interactive dvds
- Green screen shooting and color drop-out capability

ExpressDigital Darkroom Professional Edition is perfect for the professional specializing in portrait, wedding, sports and event photography. It provides the necessary features and functionality to capture, manage, enhance, proof, sell and print digital images. Darkroom Professional encompasses a complete digital workflow that adjusts to your studio and allows you to maximize efficiency.

OPERATING REQUIREMENTS

It is important that all ExpressDigital software users are working on a machine that can handle the workload of both the software and the graphical requirements of working with images. To run your software at a high performance level, users should adhere to the recommended operating requirements.

RECOMMENDED OPERATING REQUIREMENTS:

- PC (or comparable laptop) with Pentium® 4 processor (1.8 GHz) or better
- Microsoft® Windows® XP Pro operating system with latest service packs
- 1 Gig of RAM
- 80 GB hard drive (or more depending on storage requirements)
- SVGA monitor (24-bit color at 1024x768 resolution or better)
- CD-ROM and CD-RW drive
- Picture Card Reader (Compact Flash, MicroDrive or PCMCIA)
- Universal Serial Bus (USB) connectivity
- Microsoft® Internet Explorer 5.0 or later

If the user intends to use the software at a lower workload than a high flow studio, then for many the minimum operating requirements is enough.

MINIMUM OPERATING REQUIREMENTS

- PC (or comparable laptop) with Pentium® 4 processor (1.0 GHz) or better
- Microsoft® Windows® XP Pro operating system with latest Service Packs
- 512 MB of RAM
- 40 GB hard drive (or more depending on storage requirements)
- SVGA monitor (24-bit color at 1024x768 resolution or better)
- CD-ROM and CD-RW drive
- Universal Serial Bus (USB) connectivity
- Microsoft® Internet Explorer 5.0 or later

BEFORE INSTALLATION

Before installing Darkroom Professional Edition that will be connected via a network, you must be logged into Windows with an account that has administrator privileges. This is just for installation purposes, as you can run Darkroom Professional with an account that just has regular user privileges if you assign the permissions in Windows to the PrintQueue folder, located in the Windows Temp directory.

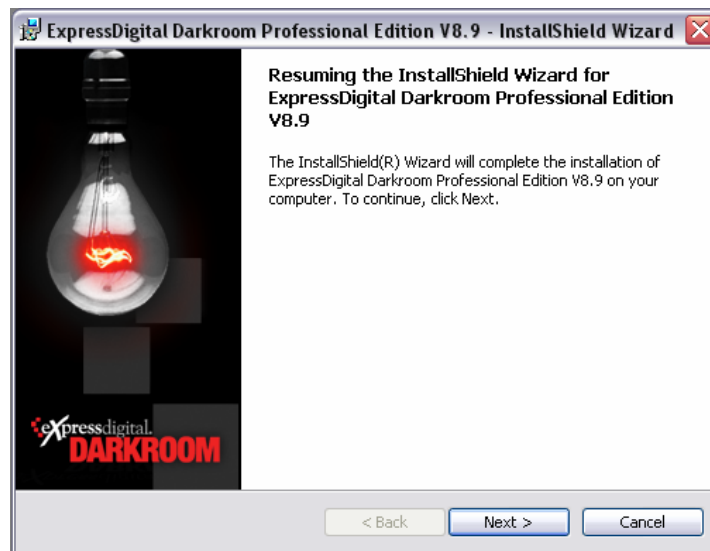
Open Windows Explorer and go to C:\Program Files\ExpressDigital\Darkroom Pro. Right-click on Darkroom Pro then open “Security” or “Sharing & Security” window. When the dialogue box opens, click on the security tab. In the Group or User Names, choose the user and in the permissions box click in the box that assigns the user “Full Control” permissions.

INSTALLING DARKROOM PROFESSIONAL EDITION

1. Insert the Darkroom Professional Edition CD into the CD drive.

If Autorun is enabled, the installer will automatically initiate. The Darkroom Professional Edition V8.9 InstallShield Wizard window appears indicating that you are installing the application.

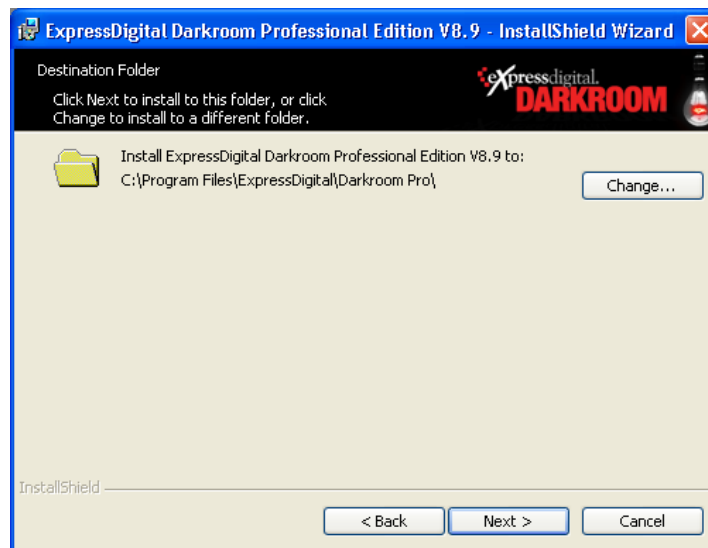
If Autorun is not enabled, click the Windows Start button, and select “Run” from the menu. Browse for the SetupDRPro.exe file on the CD Drive, and click the Open button.



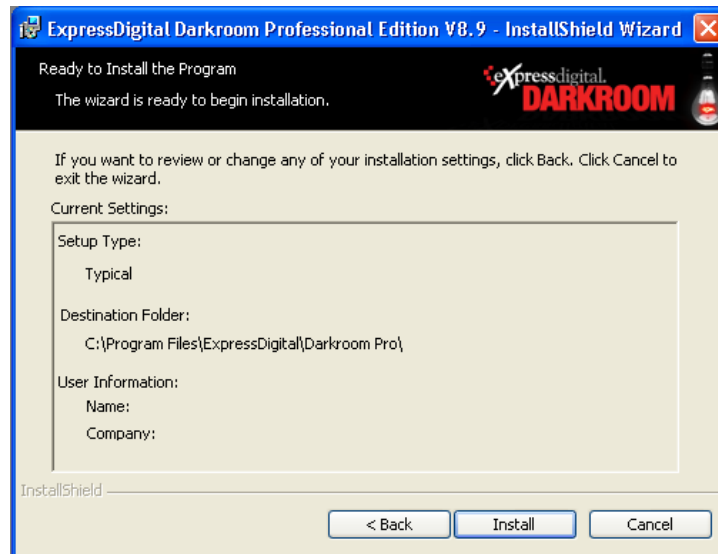
2. After clicking next to continue with the installation, the License Agreement window will appear. To continue with the installation, read through the agreement and indicate that you accept the terms by clicking “I accept the terms in the license agreement.” You also have the option to print this document for your records. Click “Next” to continue installing.



3. Next you must choose where you would like to install the application. To change the default location click on the "Change" button. Indicate where you would like it saved in the file tree. When you are satisfied with the location, click "Next."



4. You are now ready to begin installation. Click “Install” to continue allowing the wizard to install the application on your computer.



CONNECTING PRINTERS AND CAMERAS

Before running Darkroom Professional for the first time, the user should set up the printers and/or cameras that are going to be used with the software. First, attach all devices to the computer or network using the proper cables. Make sure you activate these devices since Darkroom Professional will not be able to find the device otherwise. Darkroom Professional will detect printers hooked up directly to the computer. If your printer is available on a network connection, your application will not automatically detect the device.

Once these devices are connected, install the printer or camera drivers from the CDs provided by the manufacturer.

Once the device drivers are installed, the user must manually enable the printers within Darkroom Professional. Up to four Windows printers can be enabled to use with Darkroom Professional. To enable a printer, either connected directly to the computer or over the network, click the Setup tab at the bottom of the screen, and select “Printer Options” from the setup tree.

Detected printers are acknowledged in the software by displaying a “1” in the “Detected” column. For all detected printers, the user can click “Configure Printer” to open the printer settings. In order to enable the printer, you must click “Enable Driver.” Printers have advanced settings such as page or roll size, color profile information, and surface information. Users can change these settings within the printer configuration window.

Enabled printers are acknowledged in the software by displaying “Enabled” in the enabled column. If the printer is disabled, the column says “Disabled.”

To add a new printer, click the “Add Printer” button on the right side of the screen, select your printer from the list, and click “OK.” You will be taken to a setup tab for the selected printer. Set the appropriate options for the printer, and click “OK.”

If you have trouble installing your printer or camera, please refer to the troubleshooting guide found in the Setup workspace under “Help.” If you are still having trouble, call the manufacturer to see if they can help. If all else fails, the ExpressDigital Customer Care team can assist you in determining the problem. For more information on setting up printers, refer to *Chapter 3: Setting Up: Printer Options* of the *Darkroom Professional Application User Guide*.

Note: Before installing new firmware into cameras and printers, contact our Customer Care department to be sure it will be compatible with your version of Darkroom Professional.

RUNNING DARKROOM PROFESSIONAL

To run Darkroom Professional, select All Programs, ExpressDigital and then ExpressDigital Darkroom Professional Edition from the Start menu, or double-click the Darkroom Professional Edition icon located on your desktop. The first time you log in, you will not enter a user name or password. The program will show a default user name “Admin.” There is no assigned password for this login until set by the user.



If you want the software to log into your PhotoReflect.com account automatically upon login, check the “Automatically log in to Online Account” box. To fully activate this option, you must enter your PhotoReflect.com User ID and password in the Setup tab. To set up this login information, click on the Setup tab, and then choose Photographer Information from the setup tree. Finally choose “Your Internet Account” to save this information.

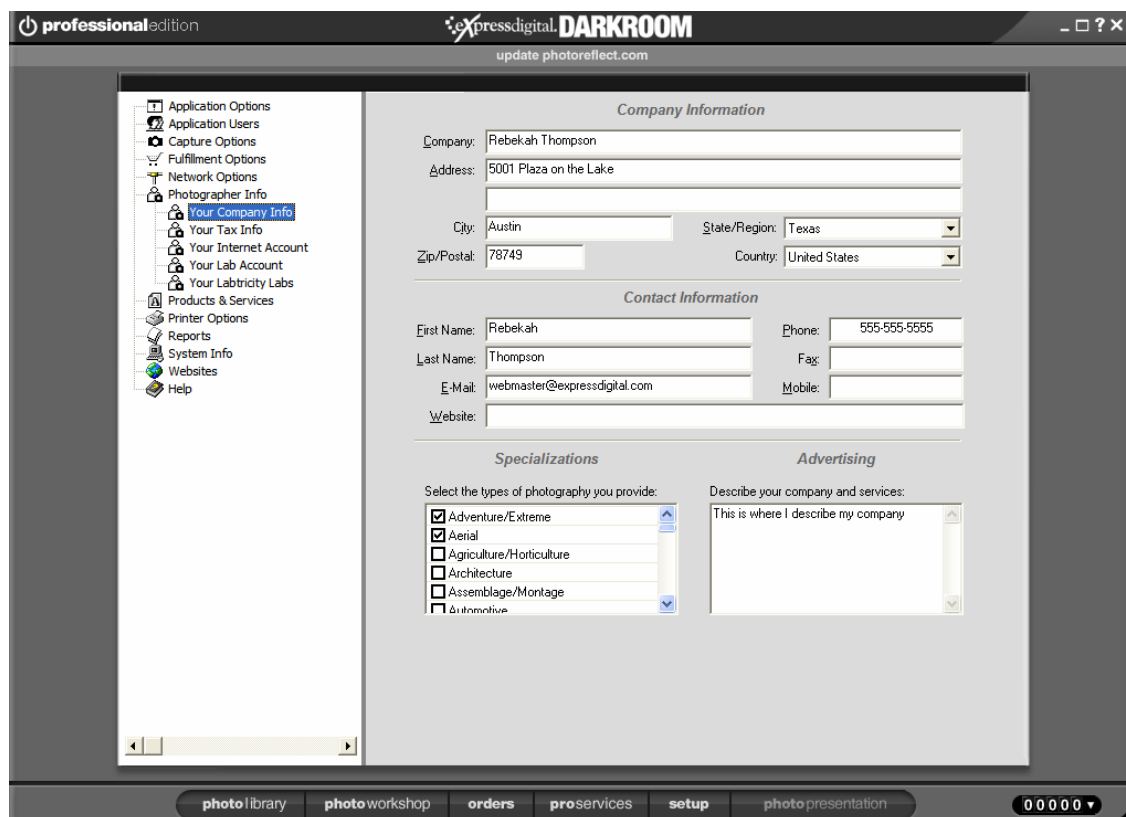
If you want to password protect your application and monitor or restrict your employees’ use of the application, you must set up application users. When there is more than one user, Darkroom Professional prompts you to log in with a user name and password. To find out more information about setting up users and passwords, see *Chapter 2: Setting Up*.



Note: The default user name for your software is “Admin” with no password.

Setting Up

The first time you run the application, you should set up important information found on the Setup tab. When you click the Setup tab, a list of options appears on the left side of the screen. You can set up each option by clicking the items in the options tree.



APPLICATION OPTIONS

Select “Application Options” from the options tree to set the options for Darkroom Professional. You can set options for a local or shared station.

LOCAL SETTINGS

If you have a multi-station network, enter a unique identifier for the computer in the Station ID field.

If you have a second monitor connected, you can choose to view a large preview of photos on the second monitor by checking the “View a large preview of photos on a second monitor” checkbox. If a second monitor is not detected by the software, this option is unavailable.

Enter default and backup archive paths for archiving photos. If using the CD writing capabilities, enter a CD drive for your archive destination. When you use the “Archive catalog to backup” and “Quick Backup” menu items in the Photo Library, the catalogs are archived to the paths you enter in these fields. Enter a path in the Restore Path field where you want to restore photos from a backup.

When archiving to CD, you can choose to use the built-in CD writing capability of Darkroom Professional. To use this option, Darkroom Professional must support your CD writer. Click the Test Compatibility button to see if your drive is supported. Specify the path or CD drive to which you want to archive and backup and from where you want to restore a backup, if necessary. If the CD writer is not compatible, you can archive to the hard drive and use external CD burning software to burn to CD.

***Note:** You can also archive to DVD if you have a supported DVD writer.*

If you use Quickbooks or Studio Plus, you can automatically share your order information from your ExpressDigital application with your bookkeeping software. Check the “Enable Studio Management” checkbox, and select the bookkeeping software you use. If you use Quickbooks, click “Options” to select your Quickbooks file and specify if you want to automatically add new customers to Quickbooks from your ExpressDigital application. Check the “Automatically create invoice for each order” checkbox to generate an invoice in your bookkeeping software for each order entered in your ExpressDigital application.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

SHARED SETTINGS

Specify the path for your company logo that you want to appear on screen when in presentation mode.

Specify the path for the logos you want to appear on your receipts.

Select how you want new catalogs organized on your hard drive. When you create a new catalog, it will be placed in a folder named for the day, week, or month unless you select “None.” Some use this feature to assist in their backup procedures.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

GENERAL SETTINGS

When editing an image in the Photo Workshop, you can choose whether or not to allow text to be added to an image or border. When this option is disabled, the Text tool in the Photo Workshop is disabled.

If you want to automatically delete events after they are archived, check the “Automatically delete an event after it is archived to disc” checkbox.

In the Photo Library, you can choose to have a Desktop folder available so you can browse your hard drive for photos. To make this folder available, click the “Show the ‘Desktop’ in the library to browse folders” checkbox.

Check the “Enable auto orientation of captured images if supported” to rotate imported photos according to what your camera deems is the top of the image. Your camera must support this feature.

Check the “Use the numeric keypad for color correcting photos” checkbox to allow you to select color tools in the Photo Workshop by using the numeric keypad.

Check the “Ignore preview thumbnails embedded in images” checkbox to have Darkroom Professional create its own preview thumbnails for photos. When a photographer uses a third party photo editing application, it is possible that the edits are applied to the preview, but when a photo is published to PhotoReflect.com or sent to the printer, the edits are not available. This option ensures that the image the photographer sees in Darkroom Professional is the image being printed or published.

Select the image format to which you want to save photos when editing with an external image editor.

Check “Show Service Notes as a branch of the Shopping Cart’s tree” to allow you to add services to each photo in the Shopping Cart window.

Check “Show Print Commands and Media in Shopping Cart menu” to right-click an image in the Shopping Cart and change the printing Media and the Printer settings for that photo.

To use your default Windows color profile for photo display in the Photo Library and Photo Workshop, check the “Use Monitor Color Profiles” checkbox. To add a color profile, you must use third party software to create the profile. You add the profile and set it as the default in the Windows Control Panel advanced display settings.

If you leave a price at \$0.00 when creating a package, the application warns you that the package has no cost. If you do not want to receive this warning, check the “Allow free packages without warning” checkbox.

Check the “Prompt for the Administrator password when accessing program settings” checkbox to protect application options from being changed by anyone other than the administrator.

If you consistently add more than one copy of a package to the shopping cart or print more than one copy of a package using the Quick Print feature, you can choose to prompt for the number of copies to add or print by checking the “Prompt for copies...” checkboxes.

Check the “Display quick print warning message” to prompt whenever you hit the Quick Print button. This keeps you from printing photos if the button is hit accidentally.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

WORKFLOW SETTINGS

You can set the application to start up in normal mode or in a presentation mode. If you want to start a sales workstation in presentation mode, select either the Event or Portrait presentation mode.

Event photo catalogs are catalogs in the Sport, School and Event job categories. For these types of events, check the “Add default package to shopping cart” box if you want a default package to always appear in the order shopping cart. The package is empty until you add a photo to the package. The “Fill package with current photo when adding to cart” option determines if a package is empty when you select it or if it is automatically filled with the selected photo. You can also select the type of presentation mode you want to use for Event photo catalogs.

Portrait photo catalogs are catalogs in the Portrait and Wedding job categories. For these types of events, check the “Add default package to shopping cart” box if you want a default package to always appear in the order shopping cart. The package is empty until you add a photo to the package. The “Fill package with current photo when adding to cart” option determines if a package is empty when you select it or if it is automatically filled with the selected photo. You can also select the type of presentation mode you want to use for Portrait photo catalogs.

General folders are folders viewed when browsing your desktop from the Photo Library. For these folders, check the “Add default package to shopping cart” box if you want a default package to always appear in the order shopping cart. The package is empty until you add a photo to the package. The “Fill package with current photo when adding to cart” option determines if a package is empty when you select it or if it is automatically filled with the selected photo.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

PREVIEW SETTINGS

Image previews are duplicates of your photos that have a smaller file size, and they are usually stored in the same folder as the original photo file. When using previews, loading and editing photos is much faster. Edits you make to displayed preview files are applied to the original photo file. To use and set options for previews, select “Preview Settings” under “Application Options.”

To use previews for photos in the Photo Library, check the “Enable Preview files” checkbox. A default storage path for previews appears in the Preview Folder field.

When your computers are networked, your photos are stored on a server and accessed by workstations. Therefore, when you view photos, the previews are stored on and accessed from the server computer. To speed up viewing on workstations, you can store previews on the workstation hard drive so they are accessed more quickly. Check the “Store Previews on this client station” checkbox to create photo previews of catalogs viewed on this station and store them on this station’s hard drive. The previews are stored simultaneously on the server so others can access them, as well.

Check the “Move Previews from server to this client station” checkbox to copy all existing previews from the server to this station’s hard drive, whether or not they have been viewed on this station. These two options are only available if your station is set as a client station and you are connected to a network.

When you are using previews, the preview files are created for photos in a catalog when you view the catalog. After a length of time, you might not be viewing certain catalogs regularly. Therefore, it is not necessary to retain the preview files for those photos. You can have the application automatically clean up preview files based on settings you specify. In the Keep Previews For field, select how long you want to keep preview files. Select the time of day you want automatic preview cleaning to occur.

To clean previews in the Photo Library on demand, click the Clean Up Previews Now button. The application prompts you to continue. If you click Yes, all previews are deleted except for those within the time period selected in the Keep Previews For field.

Click the “Delete All Previews” button to delete all previews, regardless of the setting in the Keep Previews For field.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

UPDATE SETTINGS

Select Application Options and then Update Settings to set Darkroom Professional to automatically download software updates. To activate this option, select “Automatically download updates.” When a checkmark appears in the field, the option is selected. To deselect, or turn off the option, click in the box again. The checkmark will disappear.

To manually update the software, Darkroom Professional will indicate whether the version currently installed is the latest version. If it is not, click on the activated button “Download Update.” The program will then download the software update from the server.

Once the download is complete, either downloaded manually or automatically, the user must install the update. To install the new version Darkroom Professional Edition, click on “Install Update.” The application will warn the user that in order to install the update, the software must be shut down. To install the update, click “Yes” in the dialogue box. Click on “No” to cancel.

Darkroom Professional will then prompt you with the installation windows. For more information on how to work through an installation, refer to the *Application User Guide, Chapter 1: Getting Started*.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

SLIDESHOW SETTINGS

Select Application Options and then Slideshow Settings to set Darkroom Professional to automatically play music files during the Photo Presentation Mode. This option allows the photographer to play mp3 music files in the background while in presentation mode.

There are different options regarding where your music is stored. You can choose to play a disc, or load the music into either the Studio or Event folder on your C:\ drive. It is possible to create a custom folder containing music that you choose.

The pathway to the ExpressDigital Studio music folder is:

C:\Program Files\ExpressDigital\Darkroom Pro\Music\Studio

The pathway to the ExpressDigital Event music folder is:

C:\Program Files\ExpressDigital\Darkroom Pro\Music\Event

Drag and drop all mp3 files into the desired folder, either Event or Studio, depending on your needs.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

APPLICATION USERS

When you click “Application Users” in the tree, the system displays the current list of users, including name and description. To add a new user, click “add user” on the toolbar. Enter a user name and description, and then click the Accept Changes button.

You can also change passwords or accessibility from this page by clicking “edit user” on the toolbar.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

CAPTURE OPTIONS

Select “Capture Options” from the options tree to set up your camera. You can select options for capturing photos with a tethered camera or for importing images. If you have the “camera search” tethered camera option disabled, click the Detect Camera button to detect your camera before beginning your shoot.

TETHERED CAPTURE

Select “Tethered Capture” in the options tree if you are shooting with a tethered camera. A list of cameras appears. Select which camera(s) you have, and click “Next.” The software attempts to detect only those cameras.

When you click “Next,” you are asked how you would like to import the photos. Select your preferences, and click “Next.” On the last page, you can select how you would like the photos to be named.

IMPORT OPTIONS

Select “Import Options” in the options tree if you are importing your photos from a drive. Select your preferences for importing photos.

FTP CAMERA

Darkroom Professional supports the use of FTP/Wireless cameras. To enable your FTP/Wireless camera, select “Tethered Capture” in the options tree, and check the box next to “FTP/Wireless Camera.” Selecting an FTP Camera will create an additional option under “Tethered Capture,” complete with FTP information and login information.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

FULFILLMENT OPTIONS

Check the “Automatically print orders containing locally fulfilled items” checkbox to send orders to the printer that contains any local print items. You must have Auto Print enabled for the order to be sent immediately to the print queue. Otherwise, you can print the order from the Orders workspace.

The “Add default back print information to each order” option allows you to specify text to print on the back of photos. Click the Edit button to enter or change the text.

The shipping options set the defaults on the Order Shipping Info window. After you set the preferred shipping method for local orders, you can change it if necessary by clicking the Shipping button on the receipt window. You can also click “edit and proof order” on the Orders workspace, and select Edit Shipping Info from the Properties menu to change shipping information.

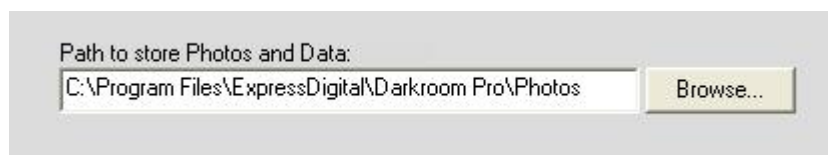
When printing to CD for the lab or archiving to CD, you can choose to use the built-in CD writing capability of Darkroom Professional. To use this option, Darkroom Professional must support your CD writer. Click the Test Compatibility button to see if your drive is supported. If the CD writer is not compatible, you can print the orders to the hard drive and use external CD burning software to burn to CD.

Select if and how you want the receipt to appear when placing orders.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

NETWORK OPTIONS

Select “Network Options” in the options tree to specify if your computer is going to be used as a single computer, a client computer (i.e., sales, capture, preview stations or kiosks), or a server. After selecting the type of computer, choose the path where you want your files and photos to be stored.



If you have a drive with a lot of storage space on which you want to store photos, set your storage path to this drive to save space on your C: drive.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

PHOTOGRAPHER INFO

When you select Photographer Info, click “Your Company Info” to fill out the information about your company. This information appears in the Contact section of your receipts and on your Internet storefront.

Next, click “Your Tax Info” to enter your tax rate and select the countries and states in which you sell so PhotoReflect.com can accurately report your tax liabilities for online orders. To activate the Tax Wizard, click “Wizard.” Taxes will be collected online based on the shipping destination of your customer and the tax rate you specify for that location. For U.S. destinations, you can choose to have tax calculated automatically based on current tax tables instead of entering a flat rate. Click “add tax” on the toolbar to add a new tax rate.

Select “Your Internet Account” to subscribe to PhotoReflect.com or to log into your PhotoReflect.com account. You must be logged in to publish events to your storefront and to create package groups for Internet use.

Note: Clicking on the *More Info for PhotoReflect.com* button displays directions on how to use your Internet storefront.

Select “Your Lab Account” to set up a Labtricity account. For more information about Labtricity, click the More Info on Labtricity button to open the Labtricity home page. To set up a Labtricity account, click the Sign up for a Labtricity Account button to open the Labtricity home page. If you already have an account, enter your Labtricity account ID and PIN, and login to make sure your account is valid.

When you sign into your Labtricity account, select “Your Labtricity Labs” to select the labs to which you want to send orders for printing.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

CUSTOMIZING YOUR INTERNET STOREFRONT

Your Internet storefront is a website within PhotoReflect.com. The storefront promotes you, the photographer, and displays your company logo, contact information, sample portfolio, and most recently published events. Most importantly, your storefront provides your customers a simple way to view and purchase photos from an event.

When you subscribed to PhotoReflect.com, you specified the Web address you want to use for your Internet storefront. For example, if your studio’s name is PhotoStudios, you might have chosen

photostudios.photorelect.com as your Web address. This address is where your customers can access photos from your events.

You can personalize your Internet storefront with your own custom logo. This greatly enhances your advertising and identity to your customers. The Darkroom products include a built-in logo uploader.

Your logo must go by the following guidelines. Your logo should be a file type ending with one of the following extensions: .BMP, .GIF, .JPG, .TIF, .PNG, or .PSD (please, no animated logos). Your logo size should be 150 pixels wide by 97 pixels high.

USING THE LOGO UPLOADER

1. In the Setup workspace, select “Websites” and then “Customize Your Storefront” from the setup tree. Log into your online account if you are not logged in.
2. Click the “Upload your company logo” link.
3. Browse for the logo stored on your computer, and click the Open button to begin the upload. When the upload is finished, you will receive a confirmation message, and the logo will appear within 15 minutes.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

PRODUCTS AND SERVICES

PACKAGE GROUPS

Select “Product & Services” and then “Package Groups” from the options tree to add, remove, and rename package groups, as well as set a group as the default. To activate the Product Wizard, click “Wizard.” The following terms will help you understand package groups.

- Print Items—Prints such as 8x10, 5x7, 4x6, arrangements, sheet, etc.
- Packages—Collections of Print Items
- Package Groups—Collections of Packages

Print items in a package can be items you print yourself, items your lab prints, or custom items. You can use the default packages to order prints, or you can create your own packages to include prints you print regularly or offer for sale. You can associate a package group with an event so that when you publish to your storefront, customers can select a package from the associated group. *For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.*

Note: *You can make changes to your package groups and the changes appear on your storefront without having to re-publish the events associated with the package group.*

Package groups and packages are simple and powerful tools. You have total control on pricing, products, names and definitions. Not only can you include local print and custom items in packages,

you can add Labtricity lab items, as well. This allows you to create a package that includes nothing but Labtricity lab items or a mixture of Labtricity lab and local print items. This allows you unlimited product offerings. For example, you may not have a digital printer and want to send everything to a lab as you have before. Or, you may want to offer mouse pads and posters from a lab and print everything else locally.

CREATING PACKAGE GROUPS AND PACKAGES

To create a package group, click “new group” on the left toolbar, and enter the group name. You can select an existing group to make a copy of if you want to create a group that is similar to another.

Add a package to the group by clicking “add package” on the toolbar. When you add a package, you specify the package name and a price. You can set up volume discounts by clicking the Discount Pricing button. Click the Add button on the Volume Discount Pricing window to enter a discounted price per package when multiple packages are purchased. Darkroom Professional automatically applies the largest discount for which an order is eligible.

If the package is an a la carte package, check the “A La Carte Package” checkbox to allow selection of individual items in the package. If you want to always print the package immediately, bypassing the shopping cart, check the “Quick Print” checkbox. You might use this option for printing ID cards at a school shoot. If you want this package to always be moved to the front of the print queue, check the “High Priority” checkbox.

Add items to your packages by clicking either “add lab print item,” “add self print item,” or “add custom item” on the right toolbar.

Note: To add lab print items, you must select one or more Labtricity labs. If you click “add lab print item” before you select a lab, the system prompts you to select one. You can also select a lab by clicking “choose Labtricity labs” on the right toolbar.

To add local print items, click the item you want to include in the package. A count of 1 appears automatically when you click an item. To change the count, click the arrow buttons.

To add lab print items, you must be logged into Labtricity. If you are not, the application prompts you to log in. After logging in, when you add lab print items, the labs you selected appear in the drop-down field at the top of the Add Package Item window. Select a lab, and select items for the package.

When you add a custom item, enter package information such as the description of the item, the fulfillment method, and quantity. You can also specify the media type for the item. This is used in conjunction with the media profile selected for your printer. For example, if you want to print only matte photos on a certain printer, you can select that media profile in the printer configuration. Then, select that option for the package items you want to always print matte. The application will send those print items to the printer you configured for matte finish.

You can also choose to always print a border on a package item. You can select the border and how the items print on the page. This is useful when batch ordering. By using this option, you do not have to manually add the border to each item before printing.

Note: The options you can select for custom items can be set for other print items by clicking “edit item properties” on the toolbar.

PHOTO SERVICES

Select “Product & Services” and then “Photo Services” in the options tree to price special photo services, such as removing red eye or eyeglass glare. You can include retouching services provided by either you or a Labtricity lab. To enter retouch services you provide, click “add local retouch service,” select the service from the drop-down list, and enter a price. To enter lab retouch services, click “add lab retouch service,” select a lab, and check the services you want to include. *For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.*

Note: To add Labtricity lab photo services, you must select one or more Labtricity labs. If you click “add lab retouch service” before you select a lab, the system prompts you to select one. You can also select a lab by clicking “choose Labtricity labs” on the right toolbar.

DISCOUNT GROUPS

Select “Products & Services” and then “Discount Groups” in the options tree to create one or more volume discount tables. To activate the Discount Wizard, click “Wizard.” Create a new discount group by clicking the “New” button beside the Discount Group field. To add to the discount table, click the “New” button at the bottom of the screen. Enter either a dollar amount discount or a discount percentage and an expiration date. For example, you might offer 10% off orders over \$100. When customers view an event associated with a discount, the discount appears on the event page.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

SHIPPING GROUPS

Select “Product & Services” and then “Shipping Groups” from the options tree to create shipping fee tables. To activate the Shipping Wizard, click “Wizard.” Create a new shipping group by clicking “new group” on the toolbar. Select the group, and click “add country” on the toolbar to select the country for which you want to set up a shipping fee table. To add to the fee table to the selected country, click “add shipping” on the toolbar. Select the shipping method, enter the shipping charge for orders over \$0.00, and click the Add button. To add shipping fee levels, click “add shipping” again. When you enter a value in the For Orders Over field, the system automatically displays a price range in the table on the Shipping Fees screen. You can associate a shipping group with an event so that when you publish to your storefront, shipping fees are calculated for an event. *For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.*

BORDER TEMPLATES

Create and edit your own borders in the Border Workshop. You can generate simple overlay borders or complex smart borders that fill in photos for you automatically. Create border templates by selecting “Products & Services,” “Templates,” and then “Borders” in the setup tree. In the Borders folder, you have a collection of sample borders and two collections of Art Leather Album borders. These borders display photos in openings that match the mats Art Leather has available. The borders in the Art Leather Albums – Exact Photo Sizes folder display the photo as the exact size of the Art Leather mat opening. The borders in the Art Leather Albums – Mat Compatible Photo Sizes folder

display the photo slightly larger than the Art Leather mat opening to ensure no photo edges appear in the opening.

When creating new borders, you want to organize them into categories, or groups, so they are easier to find when you want to apply them to a photo. To create a new border group, select “Borders,” and then click “new group” on the toolbar. To set a border group as the default border group in the Photo Workshop, select the group and click “set default” on the toolbar. The first group level under the Borders is the main border group that you can select in the Photo Workshop. The subgroups appear in the Borders menu or as tabs on the Select the Border for the Picture window.

If you purchased or created borders, you can add them to the group by clicking “add” on the toolbar and navigating to the folder containing the borders. When you add borders to a border group, they appear in the Borders menu in the Photo Workshop.

Create a new border by clicking “new” on the toolbar. The application prompts you for the border properties. To edit a border in the Border Workshop, select a border in the border group, and click “edit” on the toolbar. *For more information, refer to Chapter 10:Border Workshop of the Darkroom Professional Application User Guide* to learn how to use the Border Workshop to create and edit borders.

PRINTER OPTIONS

Before a new user runs and sets up Darkroom Professional, users should set up the printers that are to be used with the software. In order to make sure the printers are connected efficiently and smoothly, make sure all cables are attached and the devices are turned on. Once the printer is connected to the computer, install the printer drivers from the CDs provided by the manufacturer. After the drivers are installed, the printers must be enabled in the software. Users can enable up to four Windows printers.

Select “Printer Options” from the options tree to begin the printer setup process. The Printer table will show all detected printers on the Windows network. All printer option tools are located on the right side of the screen.

The Printer table provides printer specific information on all printers detected by Darkroom Professional. First, all printers are identified by their manufacturer’s logo. This is helpful when studios have multiple printers from various manufacturers.

Next, the “Printer” column displays the printer name. When the printer is first detected, the visible name will be the name setup in the Control Panel. It is possible to change the name in Darkroom Professional. The third column displays the type of printer that is detected. Most importantly, this column indicates which are Windows printers versus which are not.

Finally, the Printer table shows all detected printers versus which printers are enabled.

If you are setting up the Windows Printer, select “Add Printer” from the Printer Options menu. The last entry in the “Add Printer” window is for the Windows Printer.



To set up your specific printer, select “Windows Printer.” This will open another window with a complete list of all detected windows printers. Select the name of the printer you would like to enable. This will then take you to the manufacturer’s printer setup window. Make sure you enable the driver for your Windows Printer. This option is available in the Manufacturer’s printer setup window. It is labeled “Enable Driver.”

When all printer options are set, select “OK” to save the information. On the Printer Options screen in Darkroom Professional, the “Detected” column will now display the number “1” indicating that the Windows Printer is detected. The Enable column will also display “Enabled” to identify that the printer is enabled.

If you have trouble installing your printer, please call the manufacturer to see if they can help. If all else fails, our customer care department can assist you in determining the problem.

***Note:** Before installing new firmware into printers, contact our Customer Care department to be sure it will be compatible with your version of Darkroom Professional.*

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

REPORTS

Darkroom Professional includes extensive reports that provide vital information for managing your business. The Reports section in the option tree allows you keep track of your sales by package, sales person, sheets, a la carte packages, customers and more. The reports have graphs so you can visualize the information. Use these reports to keep track of the number of sheets you use over a period of time, track the best selling packages, monitor the effectiveness of your sales people, and more.



To use the reports, select the report you want to view from the options tree, and then select the time period of the report, using the Change Period tool on the toolbar. We have defined the most common time periods for you. If you need to check a report for a multi-day event, you can use the custom time period to specify any set of days you want. Also, you can use the custom time period to generate reports for particular hourly shifts.

You can view reports for a single job by clicking “Report Options” on the toolbar, and selecting Show Reports for a Job. Darkroom Professional prompts for the name of a job. If you want to view for another job, select Change Job from the Report Options tool menu. To view overview reports, select Show Reports for a Job again to deselect the option.

***Note:** To view the Job Run Sheet report, you must first enter a job name using the Report Options tool.*



During most events you will usually have wasted or given complimentary sheets and packages. To make your reports more accurate, you have the ability to enter these numbers into the reports database. Click “comps and waste” on the toolbar. Select the package or a la carte item and use the

Add buttons to insert wasted or comped items into the cart. To change the count, continue to click the Add button or double-click the package name in the cart to show the copies spinner.

Many photographers use the reports for incentives or bonus programs for their employees. Use it to pay bonuses for the top sales person, pay commission based on certain package sales, or give rewards for selling more expensive products.

You can also limit your reports to particular sales stations using the Report Options tool. You can print these reports for your records.

For more information, refer to Chapter 3: Setting Up of the Darkroom Professional Application User Guide.

SYSTEM INFORMATION

Select “System Information” in the options tree to view the properties of your computer system and SCSI devices.

The SCSI Devices page is a list of your SCSI cards and the devices that are connected to them. Every SCSI device has a SCSI Device ID. Usually it is between 0 and 7. You must set the device IDs for most SCSI digital printers. Use this page to determine which ID numbers are free for a given SCSI card. If you have a SCSI printer connected and it does not show up in the list, you need to check you SCSI terminators, cable connectors and cable length (SCSI has a limitation on cable lengths). You might have your printer set to an ID used by another device. Call Customer Care if you cannot resolve the issue of the SCSI device not being recognized.

The System Properties page displays critical information about your system. Use the page to determine what software versions you are running. If you call the ExpressDigital Customer Care center, they usually will like to review all the properties of this page. If you support many computers in your business, you will also find this helpful in managing each station.

Note: *Be sure to keep track of your free disk space. Many photographers report problems that stem from running out of hard disk space. To avoid running out of disk space, archive your photos regularly and remove them from your hard drive.*

WEBSITES

Select “Websites” in the options tree to view a list of related web sites, such as ExpressDigital and Labtricity web sites. Darkroom Professional includes a built-in Internet browser so you can view these sites right from the application. You can also choose “Customize Your Storefront” to automatically upload a logo to your PhotoReflect.com storefront.

HELP

Click “Help” in the options tree to view a copy of the Quick Start Guide, Application User Guide, and support contact information.

Darkroom Professional Basics

The main purpose of using Darkroom Professional is to capture photos, manage the photos, and place and print orders. Following is some basic information you should know that will help you quickly start taking photos and orders using Darkroom Professional.

TAKING PHOTOS

If you have a camera directly connected to the computer, you can take photos right from the camera into the photo library or photo workshop. You take the photo by pressing the shutter release on the camera, or by pressing the SPACEBAR shortcut key. Once the photo is taken it is transferred to the computer and added directly into the photo library. Most cameras do not require a memory cards to be in the camera when used in this way because the photos are being stored on the computer, not the camera. Many photographers use this feature to remove the import step. It is best used in the case of fixed locations.

To set up your camera, power on your camera and computer. Connect the camera to the computer with the supplied USB, SCSI, or Firewire cables. For some cameras, you may need to install the camera drivers from the manufacturer. Once everything is installed and connected, start Darkroom Professional. If you want Darkroom Professional to detect connected cameras when you start up, you must set the camera search option in the Tethered Camera options of the Setup workspace. You are now ready to fire the camera and take photos directly into the current catalog of the photo library.

Since the photos are added to the catalog directly, you can immediately print orders or enhance the photo. This allows one person to shoot the photo and print the orders as fast the customers move through the shoot. You may also use this feature to setup a capture station on a network. One photographer can take the photos at one station, while another can preview, sell and print the photo at another station.

If you have any problems detecting your camera, open the Setup workspace, and select “Capture Options.” In the capture options window, select the camera or cameras you are looking for, and click the Detect Camera button

MANAGING PHOTOS

The Photo Library workspace is where you store, organize, and manage your photos. The library consists of a collection of photo catalogs, which are the events you shoot. Within each photo catalog you store photos, photo data, event information and other photo groups. Photo groups are sub-catalogs inside a catalog used to organize and break up larger events. This method of organization makes the thousands of photos you shoot more manageable. Good organization makes your workflow much simpler and allows you, your employees, and your online storefront customers to easily locate photos.

To organize photos from events, create new catalogs representing your events, and add photos to the catalogs. After you add photos to a catalog, you can view the photos by selecting the catalog in the tree. You can also view photos stored on your hard drive by selecting the desktop icon in the tree. You can drag and drop photos from your desktop view to catalogs in the treeview.

For more information, refer to Chapter 5: Managing Photos of the Darkroom Professional Application User Guide.

ORDERING AND PRINTING PACKAGES

The Orders workspace displays your pending and completed orders. Place orders from the shopping cart in either the Photo Library, Photo Workshop, or Photo Presentation workspace. Orders from your online storefront automatically appear in the Orders workspace when you log into your online storefront account. In the Orders workspace, you can view the orders and edit, proof, or print them, or send them to a Labtricity lab for printing.

For more information, refer to Chapter 6: Ordering Products of the Darkroom Professional Application User Guide.

Note: A network of Labtricity labs is available to you for fulfilling entire orders or items on orders that you want a lab to fulfill. To use a Labtricity lab, you must select the lab you want to use by clicking “choose Labtricity labs” on the toolbar when you set up your package groups. When you print, the order is sent electronically to your selected Labtricity lab. Alternatively, you can print to a CD to mail to the lab.

Darkroom Professional Tour

When you log into Darkroom Professional for the first time, you see the photo library where you organize photos. There are three other areas, or workspaces, in Darkroom Professional where you can edit photos, view and print orders, and maintain application settings. Four tabs at the bottom of the screen allow access to the workspaces.

PHOTO LIBRARY

The Photo Library workspace is where you can capture, store, organize and manage your photos. The library consists of a collection of photo catalogs, which are the events you shoot. Within each photo catalog you store photos, photo data, event information and other photo groups. Photo groups are sub-catalogs inside a catalog used to organize and break up larger events. Photo catalogs can be named, categorized, and sorted.

The Photo Library workspace has six sections: the Photo Library Tree, the Current Catalog Viewer, the Order, the Catalog Toolbar, the Photo Toolbar and the Photo Library Menu. You can hide or show the Catalog and Photo tool names by clicking the Show/Hide Tool Names button in the top-right corner of the Current Catalog Viewer.



The Catalog Wizard is designed to help the photographer keep track of important customer information. The wizard is also designed to create a seamless flow of information from Darkroom Professional to the photographer's PhotoReflect.com storefront. By completing the catalog information requested in the wizard, not only are you, the photographer, keeping all customer and event information concise and locatable, but you are also providing more information to the customer on PhotoReflect.com looking for the event.



To open the Catalog Wizard, go to the Photo Library tab. In the upper left portion of the screen there is an icon that looks like the letter 'i' enclosed in a circle. This icon is identified as "Info." Click on the "Info" icon to open the Catalog Wizard.

PHOTO LIBRARY TREE

Use the Photo Library Tree to view and select catalogs. It is similar to the Microsoft Windows Explorer. To view photos in a catalog or photo group, select the name of the catalog or photo group in the tree, and the Current Catalog Viewer displays the photos in the catalog or photo group. You can also view photos on your hard drive by selecting the Desktop catalog in the tree. You can order photos from the Desktop view, or drag photos from the Desktop view to other catalogs in the tree.

Note: *If you do not see the Desktop catalog in the Photo Library, click the Setup tab, and select "Application Options," then "General Settings" from the setup tree. Check the "Show the 'Desktop' in the library to browse folders" checkbox.*

When you add photos to catalogs in the Photo Library, the system places a copy of the photo in the Photo Library and leaves the original file in its original location.

CREATING A SAMPLE CATALOG

1. Select a top-level catalog in the Photo Library Tree, and click the New tool on the Catalog toolbar.
2. Select "Wedding" in the Event Type field to add the catalog to the main wedding catalog. Enter the name of the catalog along with additional information about the job. The more information you provide, the easier it will be for you to search for the event in the future.
3. Click OK to create the catalog in the Photo Library.
4. If you want to create a Reception sub-catalog, or photo group, to the catalog you created, select the catalog, and click the New tool on the Catalog toolbar. Select "Add New Photo Group" from the menu.
5. Add photos to the catalog by either adding from your hard drive or card reader or by opening the Photo Workshop and capturing them from a camera.

CURRENT CATALOG VIEWER

The Current Catalog Viewer allows you to view and select photos in your catalogs. You can sort the photos, view ratings, view filenames, change the size of thumbnails, plus many more options.

SHOPPING CART

Use the shopping cart to place orders. By default, the shopping cart is open in the Photo Library. To hide it, click “Hide Order” on the menu bar. The packages you created when setting up appear at the top. To place a package in the shopping cart, select a photo in the Current Catalog Viewer and select a package name. The photo and package appears in the shopping cart. When your shopping cart contains all you want to order, place the order using the Place Order button. This sends the order to the print queue. If Auto Print is enabled on the Orders workspace menu, the order is sent to the printer. Click the Save Order button if you do not want to print the order right away.

PRINT PROOFS

The Print Proofs option allows you to create customizable proof sheets of a catalog. Darkroom Professional offers you both simple options and more advanced options. The simple options provide you the ability to create sophisticated proof sheets quickly. With advanced options, you can create custom proof sheets, and then save them as templates to use over and over again.

BATCH ORDER

The Batch Order tool allows you to print or order all images in a catalog. Using the Batch Order tool, you can automatically apply a border to every photo in a catalog and print.

PRESENTATION MODE

The last tab in the Photo Library opens the Photo Presentation workspace. There are two distinct modes in which Darkroom Professional can operate. One is photographer mode and the other is presentation mode.

- Photographer mode is a collection of workspaces designed for the photographer to work with his library, photos, orders and settings.
- Presentation mode is a collection of workspaces designed to be used in front of a customer and to automate the process of selling photos.

When the application starts, it begins in photographer mode. This is the screen you see with the tabs at the bottom. Clicking the Photo Presentation tab launches presentation mode. The Photo Presentation workspace is different depending on the type of job you have open. School, Sports, and Events jobs open a simpler presentation workspace. The workspace for Portrait and Wedding jobs has more advanced presentation features. Once launched, presentation mode takes over the entire screen and starts your selling process. *For more information, refer to Chapter 7: Viewing in Presentation Mode of the Darkroom Professional Application User Guide.*

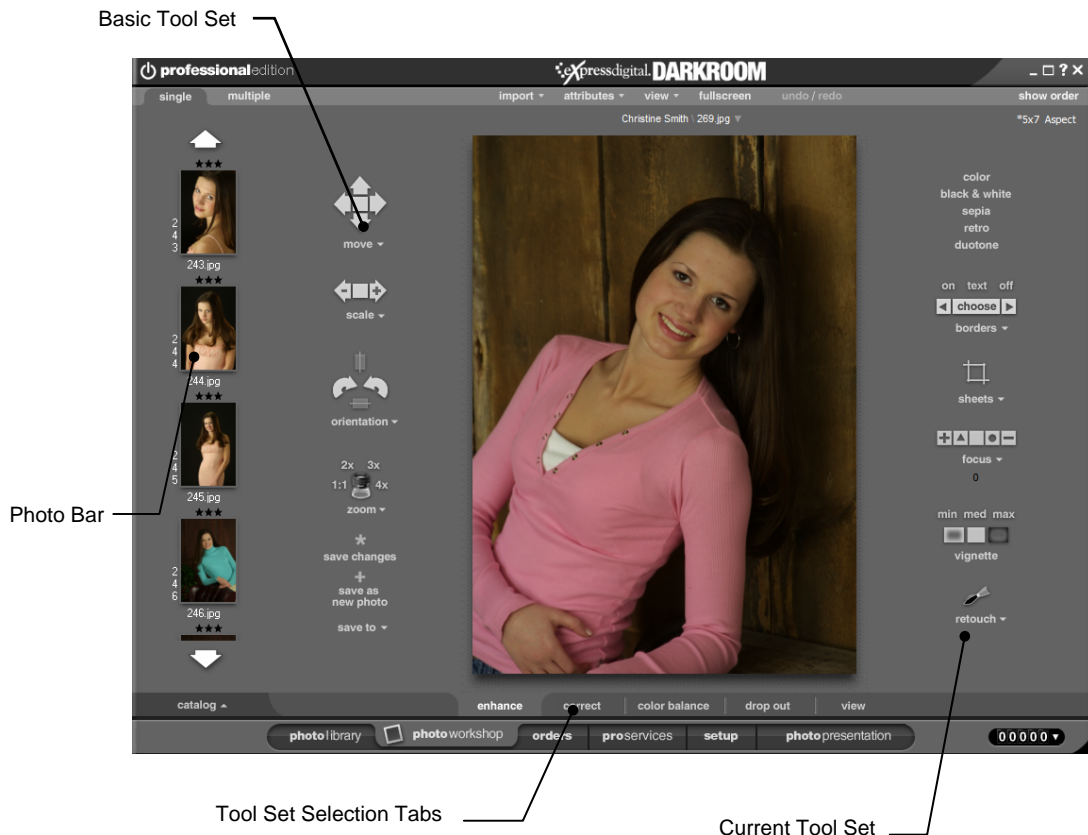
Note: *You can have the application start in presentation mode by clicking the Setup tab and selecting “Application Options” and then “Workflow Settings” from the setup tree. Select either Event or Studio Presentation Mode under Application Startup Mode. This is useful for stations used primarily as sales stations. The presentation mode does not change depending on the job type if you change job types from within the presentation mode. When the application starts, it begins in Photographer Mode. This is the screen you see with the tabs at the bottom. Clicking the Presentation Mode button launches Presentation Mode. Once launched, Presentation Mode will take over the entire screen and start your selling process.*

PHOTO WORKSHOP

Sometimes photos do not come out the way you hoped. Often, an adjustment to the color or lighting will make the photo just right. You can make corrections to photos, such as adjustments to contrast/brightness, shadow, or color, using the Photo Workshop. You can make corrections to a single photo or for photos in an entire catalog.

When you click the Photo Workshop tab, the photos from the catalog currently selected in the Photo Library appear in the photo bar in the Photo Workshop. Select a photo to make corrections, and select a tool tab to display tools for the type of corrections you want to make. The tools change depending on the tool tab selected. After you finish correcting, you can create an order for the new photo by placing it in the shopping cart right from the Photo Workshop.

Note: You must save when you edit a photo before the changes are stored permanently in the catalog.



The Enhance tool set contains tools primarily used for creating new compositions from the existing photo, including crop sheets, borders, and montages. This is also the tool set you use to create soft focus, vignette, black and white, and sepia compositions.

Darkroom Professional offers a photography retouch system that is comparable to the leading solutions available on the market. Within this system you can fix blemishes, manipulate catch lights and enhance contrast in shadows. This is only a small portion of what you can do. For more information on the Retouch Workshop, refer to *Chapter 8: Photo Workshop of the Darkroom Professional Application User Guide*.

The Correct tool set is where you change the attributes of the photo, such as brightness, contrast, exposure, shadows, color, and tone.

The Color Balance tool set is an extension of the Correct tool set and focuses on correcting the color attributes and the white balance (Click Balance tool).

The Drop Out tool set is used only for green screen photos and adjusting the drop out parameters when using with a green screen border.

The View tool set removes the Photo Workshop tools for a less obstructed view of the photo.

ORDERING PHOTOS

Click “Show Order” on the menu bar of the Photo Workshop to view your current order. In Darkroom Professional, the shopping cart contains a default, empty package. You can add more packages by clicking the package name located above the cart. You can also use a keyboard shortcut to add other packages by pressing 1 through 9 on the keyboard (not the numeric keypad).

To fill in a photo, click the package item and the current photo is added to that item. You can also drag and drop photos from the photo bar onto the package items in the shopping cart.

You can add a la Carte items by clicking the a la Carte button or dragging any photo into the open area of the cart.

When all items are in the shopping cart, click the Place Order button, or press Enter on the keyboard to print and process the order. You can click the Save Order button to add the order to the order queue without processing it. You might do this if you are at a remote site. You can also use this feature with partial orders that you will complete later.

Note: *Because Labtricity orders are transferred electronically to an off-site lab, they are never printed immediately, even if the order is placed instead of saved.*

IMPORTING PHOTOS

Importing photos is easy to do from your local hard drive or other media types such as CD-ROMs, flash memory cards, or IBM Microdrives. Darkroom Professional allows you to import either by browsing and selecting the photos or through an automated process.

Note: *When you import photos, they are copied to the ExpressDigital folder on your hard drive and referenced from this location. The original location is not referenced by Darkroom Professional.*

The easiest way to import is by selecting “Import” from the Import menu or by typing Ctrl+I. This allows you to choose one or more files from any source, add them to the current catalog, and load them into the Photo Workshop.

Note: *The Import option is the same as the Add Photo tool in the Photo Library.*

The automated process is a powerful feature for working with an untethered camera (one that is not connected to your computer). You can use this feature when you are working at a remote event where you must be unhampered by cables.

To begin the automated import process, select “Quick Import” from the Import menu. Enter the location of the files, typically a CD-ROM drive or the drive letter of a media card reader. You can also set several options in this window to convert the photos to different file formats, rename the files, or delete the files from the original location.

For example, a photographer working an event can use multiple cameras with multiple memory cards. Using each camera, the photographer can take roaming shots until the card is full. To catalog and store all the images in the current catalog, the photographer returns to the system, inserts the card into a reader, and selects “Quick Import” from the Import menu.

Note: *Use the I keyboard shortcut or select “Repeat Last Import” from the Import menu to import files using the settings you used on your last import.*

CAPTURING PHOTOS

Darkroom Professional supports the ability to directly connect your camera to the system (tethering). Tethering allows you to capture photos from your camera into the Photo Workshop. The software can fire the camera using the space bar or it monitors the camera shutter release. This allows you to use the camera in a normal manner while storing the files directly to your local hard drive without the need for a media card. In addition, because it’s directly connected, you can see a full-size preview of the image as you take the photo.

Note: *There are several options for tethered mode that enable different capture speeds and preview sizes. These options change depending on the camera you have tethered to your computer. These options are available in the Setup workspace under “Capture Options.”*

In order to use tethered mode, Darkroom Professional must support your camera. For a complete list of supported hardware and installation instructions, go to www.expressdigital.com or contact ExpressDigital Customer Care. When you have determined that your camera is supported, install the camera drivers according to the manufacturer’s instructions.

Before you can capture photos the first time, you must detect your camera. Select “Capture Options” from the setup tree in the Setup workstation to detect your camera, and click the Detect Camera button. The Take Picture tool displays in the top-left corner when the camera has been detected and is ready to take pictures.



Note: *If you do not see the Take Picture tool or if a red status bar light is blinking in the bottom left corner of the screen, refer to the Application User Manual or contact Customer Care.*

To take photos, fire the camera through the shutter release, click the Take Picture button, or press the space bar. The camera will take a picture, load a preview into the Photo Workshop, and add a thumbnail to the current catalog.

The status bar light in the bottom-left corner changes from green to yellow while the full-resolution file is being transferred in the background to the photo catalog. This should only take a few seconds for most cameras, depending on your connection and file size. You cannot fire another picture until the file transfer is complete. However, you can work on the image as soon as it appears in the Photo Workshop. When the file transfer is complete, the computer sounds a beep indicating the camera is ready to take another picture.

Note: *In a tethered operation it is important to keep the camera connected to the system at all times.*

ACQUIRING PHOTOS

Darkroom Professional can work with any TWAIN-compatible device such as flatbed scanners, film scanners, and consumer cameras. If a TWAIN device is properly installed, “Acquire From” appears on the Import menu in the Photo Workshop. Selecting this item pops up a menu showing all TWAIN devices installed on the system. Clicking a device launches that device’s window. Follow the device instructions to capture photos. When complete, the photos are added and cataloged in the Photo Workshop.

ORDERS

The Orders workspace displays your new, pending, and completed orders. Place orders from the shopping cart from the Photo Workshop, in the Photo Library workspace, or in Photo Presentation mode. From this workspace, you can process orders or monitor the progress of orders being fulfilled via Labtricity. From the Orders workspace, you can edit and proof orders and print them.

Note: *If your station is a client station on the network, you cannot print. You can only print from the server. However, if the Auto Print option is enabled on the server, any order is printed automatically, regardless of the station on which it originated.*

The screenshot shows the 'professional edition' of 'expressdigital DARKROOM' software. The top menu bar includes 'new orders', 'pending orders', 'completed orders', 'auto print', 'print queue', 'view', and 'refresh'. Below this is a table of orders with columns: Order ID, Type, Customer, Order Time, Status, Status Time, Age, Payment, and Fulfillment. The table lists several orders, with the last one (6L1XB_1) highlighted. Below the table, there is a detailed view for 'Order: 6L1XB', showing 'Customer Information' (Christine Smith, AL), 'Shipping Information' (Christine Smith, AL, Standard), and 'Order Details'. The 'Order Details' section has a table with columns: Print, Quantity, Details, and Fulfillment. It shows three items: 'Package: Single 8x10 (\$0.00)' (1), '8x10 Print' (1), and 'Package: Single 8x10 (\$0.00)' (1). Below the table is a toolbar with icons for 'find order', 'delete order', 'mark order shipped', 'edit & proof order', 'print order proof', 'print order form', 'print order', 'print all orders', 'print to cd', and 'cancel print'. At the bottom, there are tabs for 'photo library', 'photo workshop', 'orders', 'pro services', 'setup', and 'photo presentation'. A status bar at the bottom right shows '00000'.

Order Tools

Order Details

When you place an order from the shopping cart, the job is immediately sent to the printer queue if the Auto Print menu item is enabled. If you save an order from the shopping cart or if the order is a Labtricity order, you must select the order in the Orders workspace and click “print order” to begin printing or to begin electronic transmission to the Labtricity lab. If you prefer to send your Labtricity orders to the lab on CD, click “print to CD” to transfer the order to CD.

Note: The Print to CD tool is only available for Labtricity orders, and you must be logged into your Labtricity account to print to CD.

You can modify an order from the Orders workspace by clicking “edit & proof” or by double-clicking an order. You can modify an order by editing photo attributes, deleting photos, changing print items, or saving selected photos to a new order, for example.

The tabs below the menu organize your orders. New orders are those created locally or are PhotoReflect orders that have been saved and are ready to be printed. Pending orders are those sent to a Labtricity lab and have not yet been returned. Completed orders include all orders marked shipped. You can narrow the list of completed orders by changing the date range to view.

You can also view the print queue by selecting Print Queue from the menu. Using the print queue, you can view, delete, suspend, and reprint pending and completed jobs.

SETUP

The Setup workspace allows you to set your application options. You must set up your photographer information and product and service information as discussed in the *Setting Up* chapter. You can also select settings for networking and application users if your computers are networked. Besides application options, reports are available for viewing that help you keep track of your business. As you use the application, Darkroom Professional automatically collects report data.

ExpressDigital Enrichment

CUSTOMER CARE: HOURS OF OPERATION

ExpressDigital's normal business hours are Monday-Friday, 8 A.M. to 8 P.M., U.S. Central Time, excluding major holidays. During these hours, ExpressDigital is fully staffed to meet the average number of calls that come in during a typical day. The ExpressDigital Customer Care team guarantees that they will answer a minimum of 75% of all calls either immediately or within 8 minutes on hold. Please call: 888-508-3443.

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Do you have a great question but the question is not urgent? The ExpressDigital Customer Care team can be reached via e-mail for general information and questions. All e-mails will be answered within 24 hours. Please send all messages to: support@expressdigital.com

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Like all good companies, ExpressDigital wants to hear from their customers! ExpressDigital strongly believes that our success is directly tied to our customer's success. Please contact us directly to let us know how we are measuring up to your standards. We can be reached via e-mail at, feedback@expressdigital.com, or via our toll-free number, 888-584-0089.

IDEAS

Do you have any suggestions that will improve our software or services? Do you have an idea of how our software can help you make more money? Please, let us know! Send all comments, suggestions, and ideas to ideas@expressdigital.com.

EXPRESSDIGITAL WEBSITE

Visit the ExpressDigital Support Website 24/7 for the latest product information. Access the latest in documentation and product FAQ sheets at www.expressdigital.com.

Appendix

Darkroom Professional is designed to make your work fast and more efficient. We have provided a simple and efficient interface that is easy to use. However, to get the most of the application, you can use some of the many shortcut keys to speed up tasks you perform regularly. The following information lists the shortcut keys for each of the workspaces in the application.

PHOTO LIBRARY SHORTCUT KEYS

KEY	DESCRIPTION
+	View More Photos / Decrease thumbnail size
-	View Less Photos / Increase thumbnail size
0	Order 'A La Carte' item
1	Add Package 1 to Cart
2	Add Package 2 to Cart
3	Add Package 3 to Cart
4	Add Package 4 to Cart
5	Add Package 5 to Cart
6	Add Package 6 to Cart
7	Add Package 7 to Cart
8	Add Package 8 to Cart
9	Add Package 9 to Cart
=	View More Photos / Decrease thumbnail size
A	Add Photo
CTRL A	Select All
C	Create New Catalog in Catalog Wizard
CTRL ALT C	Clear Preview Cache
D	Catalog Info
F	Flip Orientation
CTRL F	Find Photos
G	Photo Group Information in Catalog Wizard
H	Horizontal / Landscape Orientation
I	Repeat Last Import
CTRL I	Import Single Photo
SHIFT I	Import Multiple Photo
O	Clockwise Orientation
SHIFT O	Counter-Clockwise Orientation
P	Proof
SHIFT P	Picture Properties
R	Import Tethered Camera Pictures
CTRL R	Rebuild Catalog Tree (use with caution, backup files

KEY	DESCRIPTION
V	Vertical / Portrait Orientation
DELETE	Remove Photo
DIVIDE (/)	Paste Photo Attributes from the Clipboard
F1	Find Photo Catalog
F10	Photo Workshop Tab
F11	Orders Tab
F12	Setup Tab
F2	Find Photos
F5	Refresh
F7	Opens the Attribute Menu
MULTIPLY (*)	Copy Photo Attributes to the Clipboard
CTRL MULTIPLY (*)	Save Advanced Custom Attribute window marked with current clipboard attributes
Num Pad 0	Order 'A La Carte' item
Num Pad 1	Add Package 1 to Cart
Num Pad 2	Add Package 2 to Cart
Num Pad 3	Add Package 3 to Cart
Num Pad 4	Add Package 4 to Cart
Num Pad 5	Add Package 5 to Cart
Num Pad 6	Add Package 6 to Cart
Num Pad 7	Add Package 7 to Cart
Num Pad 8	Add Package 8 to Cart
Num Pad 9	Add Package 9 to Cart
RETURN	Place Order
CTRL+ RETURN	Save Order
SPACE	Take Picture (Fire Cameras Shutter Release) or multiple import if no camera attached
TAB	Move to next one photo
CTRL + TAB	Picture Properties > Photo Data
SHIFT+ TAB	Move back one photo
[Scroll photos up
\	Add Service Notes
]	Scroll photos down

APPENDIX A - PHOTO LIBRARY SHORTCUT KEYS

KEY	DESCRIPTION
	first)
S	Slideshow Start
CTRL S	Slideshow Start

KEY	DESCRIPTION
~	Move back one Photo
V	Vertical / Portrait Orientation

ORDERS SHORTCUT KEYS

KEY	DESCRIPTION
CTRL F	Find Order
P	Print Order
CTRL P	Print To CD
ALT P	Print All Orders
SHIFT+ P	Print Order Form
Q	Print Queue
S	Mark Order Shipped
DELETE	Delete Order
ESCAPE	Cancel Print

KEY	DESCRIPTION
F10	Photo Workshop Tab
F11	Orders Tab
F12	Setup Tab
F2	Find Order
F5	New Orders Tab
F6	Pending Orders Tab
F7	Completed Orders Tab
F9	Photo Library Tab
RETURN	Edit and Proof Order

STUDIO PRESENTATION MODE SHORTCUT KEYS

KEY	DESCRIPTION
+	View More Photos / Decrease thumbnail size
=	View More Photos / Decrease thumbnail size
-	View Less Photos / Increase thumbnail size
0	Order 'A La Carte' Item
SHIFT 0	View > Twelve Photos
1	Add Package 1 to Cart
SHIFT 1	View > One Photo
2	Add Package 2 to Cart
SHIFT 2	View > Two Photos
3	Add Package 3 to Cart
SHIFT 3	View > Three Photos
4	Add Package 4 to Cart
SHIFT 4	View > Four Photos
5	Add Package 5 to Cart
6	Add Package 6 to Cart
SHIFT 6	View > Six Photos
7	Add Package 7 to Cart
8	Add Package 8 to Cart
SHIFT 8	View > Eight Photos
9	Add Package 9 to Cart
SHIFT 9	View > Nine Photos
C	Compare / Unlock
CTRL C	Crop Orientation: Horizontal
ALT C	Crop Orientation: Alternate Horizontal and Vertical
SHIFT C	Crop Orientation: Vertical
E	Enhance Selected Photo
F	Flip Orientation
SHIFT F	Flip Orientation
H	Horizontal Flip
O	Clockwise Orientation
SHIFT O	Counter Clockwise Orientation
R	Rating Menu
S	Slideshow Start

KEY	DESCRIPTION
END	Moves to last image in catalog
F1	Photo Rating 1 Star
F2	Photo Rating 2 Star
F3	Photo Rating 3 Star
F4	Photo Rating 4 Star
F5	Photo Rating 5 Star
Home	Moves user to first photo in the catalog
LEFT	Moves to next photo, Enhance Presentation Mode: Move photo left
Ctrl Left	Enhance Presentation Mode: Move photo left in Largest Increments
Shift Left	Enhance Presentation Mode: Move photo left in Smallest Increments
PAGE DOWN	Moves to next page, Enhance Presentation Mode: Scale Out
CTRL Page Down	Enhance Presentation Mode: Scale Out in Largest Increments
SHIFT Page Down	Enhance Presentation Mode: Scale Out in Smallest Increments
Numpad 0	Order 'A La Carte' Item
Numpad 1	Add Package 1 to Cart
SHIFT Numpad 1	Move to last photo(s)
Numpad 2	Add Package 2 to Cart
SHIFT Numpad 2	Moves to next photo
Numpad 3	Add Package 3 to Cart
SHIFT Numpad 3	Moves to next page
Numpad 4	Add Package 4 to Cart
SHIFT Numpad 4	Moves to previous photo
Numpad 5	Add Package 5 to Cart
Numpad 6	Add Package 6 to Cart
SHIFT Numpad 6	Moves to next photo
Numpad 7	Add Package 7 to Cart
SHIFT Numpad 7	Moves to first photo(s)
Numpad 8	Add Package 8 to Cart
SHIFT Numpad 8	Moves to previous photo
Numpad 9	Add Package 9 to Cart
SHIFT Numpad 9	Moves to previous page
Page Up	Moves to previous page, Enhance Presentation Mode: Scale In
CTRL Page Up	Enhance Presentation Mode: Scale In Largest

APPENDIX C - STUDIO PRESENTATION MODE SHORTCUT KEYS

KEY	DESCRIPTION
T	Sort Menu
V	Vertical / Portrait Orientation
DELETE	Remove Photo
DOWN	Move to next photo, Enhance Presentation Mode: Move photo down
CTRL DOWN	Enhance Presentation Mode: Move photo down in Largest Increments
SHIFT DOWN	Enhance Presentation Mode: Move photo down in Smallest Increments
\	Add Service Notes

KEY	DESCRIPTION
	Increments
SHIFT Page Up	Enhance Presentation Mode: Scale In Smallest Increments
RETURN	Place Order
RIGHT	Move photo position right
CTRL Right	Move photo position Right in Largest Increments
SHIFT Right	Move photo position Right in Smallest Increments
UP	Moves to previous photo

APPENDIX D - EVENT PRESENTATION MODE SHORTCUT KEYS

EVENT PRESENTATION MODE SHORTCUT KEYS

KEY	DESCRIPTION
+	View Less Photos / Increase thumbnail size
=	View Less Photos / Increase thumbnail size
-	View More Photos / Decrease thumbnail size
0	Order 'A La Carte' Item
1	Add Package 1 to Cart
2	Add Package 2 to Cart
3	Add Package 3 to Cart
4	Add Package 4 to Cart
5	Add Package 5 to Cart
6	Add Package 6 to Cart
7	Add Package 7 to Cart
8	Add Package 8 to Cart
9	Add Package 9 to Cart
0	Clockwise Orientation
SHIFT O	Counter Clockwise Orientation
DELETE	Remove Photo
DOWN	Move to next photo, Enhance Presentation Mode: Move photo down
CTRL DOWN	Enhance Presentation Mode: Move photo down in Largest Increments
SHIFT DOWN	Enhance Presentation Mode: Move photo down in Smallest Increments
END	Moves to last photo in catalog
Home	Moves to first photo in the catalog.

KEY	DESCRIPTION
LEFT	Moves to previous photo row, Enhance Presentation Mode: Move photo left
Ctrl Left	Moves to previous photo row, Enhance Presentation Mode: Move photo left in Largest Increments
Shift Left	Moves to previous photo row, Enhance Presentation Mode: Move photo left in Smallest Increments
PAGE DOWN	Scale Out
CTRL PAGE DOWN	Scale Out in Largest Increments
SHIFT PAGE DOWN	Scale Out in Smallest Increments
PAGE UP	Scale In
CTRL PAGE UP	Scale In Largest Increments
SHIFT PAGE UP	Scale In Smallest Increments
RIGHT	Moves to next photo row, Enhance Presentation Mode: Move photo right
CTRL RIGHT	Moves to next photo row, Enhance Presentation Mode: Move photo right in Largest Increments
SHIFT RIGHT	Moves to next photo row, Enhance Presentation Mode: Move photo right in Smallest Increments
TAB	Moves to next photo
UP	Moves user one photo before/up in catalog
CTRL UP	Moves one "row " back/up in the catalog. In editing mode, moves Image UP in Larger Increments
SHIFT UP	Moves one "row" back/up in the catalog. In editing mode, moves Image UP in Smaller Increments
F1	Photo Rating 1 Star.
F2	Photo Rating 2 Star.
F3	Photo Rating 3 Star.
F4	Photo Rating 4 Star.
F5	Photo Rating 5 Star.

APPENDIX E - FULL SCREEN/SLIDESHOW SHORTCUT KEYS

FULL SCREEN/SLIDESHOW SHORTCUT KEYS

KEY	DESCRIPTION
CTRL C	Crop Orientation: Horizontal
ALT C	Crop Orientation: Horizontal
SHIFT C	Crop Orientation: Vertical
F	Flip
SHIFT F	Flip
H	Horizontal / Landscape Orientation
L	Horizontal / Landscape Orientation
O	Clockwise Orientation
SHIFT O	Counter Clockwise Orientation
P	Vertical Flip
V	Vertical Orientation
DELETE	Delete Photo
DOWN	Move to next photo

KEY	DESCRIPTION
END	Move to last photo
ESCAPE	Close
F1	Rating 1 Star
F2	Rating 2 Star
F3	Rating 3 Star
F4	Rating 4 Star
F5	Rating 5 Star
HOME	Move to first photo
LEFT	Move one photo next
PAGE DOWN	Move next one page
PAGE UP	Move prior one page
RIGHT	Move one photo back
UP	Move one photo back

PHOTO WORKSHOP SHORTCUT KEYS

KEY	DESCRIPTION
0	Order 'A La Carte' Item
1	Add Package 1 to Cart
2	Add Package 2 to Cart
3	Add Package 3 to Cart
4	Add Package 4 to Cart
5	Add Package 5 to Cart
6	Add Package 6 to Cart
7	Add Package 7 to Cart
8	Add Package 8 to Cart
9	Add Package 9 to Cart
=	View More Photos / Decrease thumbnail size
A	Save as New Photo
CTRL A	Select All
B	Choose Border
CTRL C	Crop Orientation: Horizontal
SHIFT C	Crop Orientation: Vertical
F	Flip Orientation
CTRL F	Find Photos
H	Horizontal / Landscape Orientation
I	Repeat Last Import
CTRL I	Import Single Photo
SHIFT I	Import Multiple Photo
K	Get Express Color Code
O	Clockwise Orientation
SHIFT O	Counter Clockwise Orientation
P	Proof
SHIFT P	Picture Properties
R	Import Camera Images
S	Save Changes
CTRL S	Slideshow Start
T	Border Text or Photo Text
CTRL T	Photo Text Options
V	Vertical / Portrait Orientation
ALT BACK SPACE	Undo
DELETE	Remove Photo
DIVIDE (/)	Paste Photo Attributes from the Clipboard
DOWN	Move Photo Down

KEY	DESCRIPTION
F8	Drop Out Tab
F9	Photo Library Tab
Home	Border On
INSERT	Picture Properties > Photo Data
LEFT	Move Photo Left
CTRL LEFT	Move Photo Left in largest increments
SHIFT LEFT	Move Photo left in smallest increments
MULTIPLY (*)	Copy Photo Attributes to the Clipboard
CTRL MULTIPLY (*)	Save Advanced Custom Attribute window marked with current clipboard attributes
ALT+ MULTIPLY	Save Advanced Custom Attribute window for NEW custom
PAGE DOWN	Scale Out
CTRL+ PAGE DOWN	Scale Out in largest increments
SHIFT+ PAGE DOWN	Scale Out in smallest increments
Num Pad 0	Order 'A La Carte' Item
Num Pad 1	Add Package 1 to Cart
Num Pad 2	Add Package 2 to Cart
Num Pad 3	Add Package 3 to Cart
Num Pad 4	Add Package 4 to Cart
Num Pad 5	Add Package 5 to Cart
Num Pad 6	Add Package 6 to Cart
Num Pad 7	Add Package 7 to Cart
Num Pad 8	Add Package 8 to Cart
Num Pad 9	Add Package 9 to Cart
PAGE UP	Scale In
CTRL PAGE UP	Scale In largest increments
SHIFT PAGE UP	Scale in smallest increments
RETURN	Place Order
CTRL RETURN	Save Order
RIGHT	Move Photo Right
CTRL RIGHT	Moves Photo Right in largest increments
SHIFT RIGHT	Moves Photo Right in smallest increments
SPACE	Take Picture (Fire Cameras Shutter Release) or multiple import if no camera attached
TAB	Move to next photo
CTRL TAB	Picture Properties > Photo Data
SHIFT TAB	Move back one photo
UP	Moves Photo up
CTRL UP	Moves Photo up in largest increments

APPENDIX F - PHOTO WORKSHOP SHORTCUT KEYS

KEY	DESCRIPTION
CTRL DOWN	Move Photo Down in largest increments
SHIFT DOWN	Move Photo Down in smallest increments
END	Undo ALL editing
ESCAPE	Cancel Image Viewer
F10	Photo Workshop Tab
F11	Orders Tab
F12	Setup Tab
F2	Find Photos
F3	Find Next Photo
SHIFT F3	Find Previous Photo
F4	Full Screen Mode
F5	Enhance Tab
CTRL F5	Refresh
F6	Correct Tab
F7	Color Balance Tab

KEY	DESCRIPTION
SHIFT UP	Moves Photo up in smallest increments
X	Undo All
CTRL Y	Redo
Z	1:1 Zoom Actual Zoom
CTRL Z	Undo
ALT Z	3x Zoom
SHIFT Z	2x Zoom
SHIFT ALT Z	4x Zoom
[Scroll photos up
\	Add Service Notes
]	Scroll photos down
`	Move back one Photo
F8	Drop Out Tab

EDIT & PROOF (ORDER PROOF MODE) SHORTCUT KEYS

KEY	DESCRIPTION
+	View More Photos / Decrease thumbnail size
-	View Less Photos / Increase thumbnail size
0	View 12 photos
SHIFT 0	View 12 photos
1	View 1 Photo
SHIFT 1	View 1 Photo
2	View 2 Photos
SHIFT 2	View 2 Photos
3	View 3 Photos
SHIFT 3	View 3 Photos
4	View 4 Photos
SHIFT 4	View 4 Photos
6	View 6 Photos
SHIFT 6	View 6 Photos
8	View 8 Photos
SHIFT 8	View 8 Photos
9	View 9 Photos
SHIFT 9	View 9 Photos
=	View More Photos / Decrease thumbnail size
CTRL A	Select All
B	Choose Border
CTRL C	Crop Orientation: Horizontal
SHIFT C	Crop Orientation: Vertical
F	Replace File
SHIFT F	Flip
H	Horizontal / Landscape Orientation
K	Set Express Color Code
L	Horizontal / Landscape Orientation
M	Change Media
N	Next Order
CTRL N	Previous Order
O	Clockwise Orientation Clockwise
CTRL O	Undo Order Changes
SHIFT O	Counter Clockwise Orientation
P	Print Current Order
CTRL P	Print Selection as New Order
ALT P	Print All
Q	Change Quantity
CTRL R	Order 'A La Carte' Local Print

KEY	DESCRIPTION
DIVIDE (/)	Paste Photo Attributes from the Clipboard
DOWN	Move Down
CTRL+ DOWN	Move Down in Largest Increments
SHIFT+ DOWN	Move Down in Smallest Increments
F5	Enhance Tab
F6	Correct Tab
F7	Color Balance Tab
F8	Drop Out Tab
LEFT	Moves Photo Left
CTRL LEFT	Moves Photo Left in Largest Increments
SHIFT LEFT	Moves Photo Left in Smallest Increments
MULTIPLY (*)	Copy Photo Attributes to the Clipboard
CTRL MULTIPLY (*)	Save Advanced Custom Attribute window marked with current clipboard attributes
ALT MULTIPLY (*)	Save Advanced Custom Attribute window, NEW custom
PAGE DOWN	Scale Out
CTRL PAGE DOWN	Scale Out in Largest Increments
SHIFT PAGE DOWN	Scale Out in Smallest Increments
Num Pad 0	Views 12 Photos
Num Pad 1	Brightness
Num Pad 2	Contrast
Num Pad 3	Exposure
Num Pad 4	Shadows
Num Pad 5	Color
Num Pad 6	Tone
Num Pad 7	Red→Cyan
Num Pad 8	Green→Magenta
Num Pad 9	Blue→Yellow
PAGE UP	Scale In
CTRL PAGE UP	Scale In Largest Increments
SHIFT PAGE UP	Scale In Smallest Increments
RETURN	"Save Order"
ALT RETURN	Close
RIGHT	Move Right
CTRL RIGHT	Moves Right in Largest Increments
SHIFT RIGHT	Moves Right in Smallest Increments
TAB	Move to next photo
SHIFT TAB	Move back one photo
UP	Moves Photo up
CTRL UP	Moves Photo Up in Largest

APPENDIX G - ORDER PROOF MODE SHORTCUT KEYS

KEY	DESCRIPTION
	Item
SHIFT CTRL R	Order 'A La Carte' Lab Print Item
S	Save Changes
CTRL S	Save Selected
ALT S	Save as New Order
T	Opens Border Text
CTRL U	Undo Photo Changes
V	Vertical / Portrait Orientation
ALT BACK SPACE	Undo
DELETE	Remove Photo

KEY	DESCRIPTION
	Increments
SHIFT UP	Moves Photo Up in Smallest Increments
CTRL Y	Redo 1 level
Z	1:1 Zoom Actual Zoom
CTRL Z	Undo
ALT Z	3x Zoom
SHIFT Z	2x Zoom
SHIFT ALT Z	4x Zoom
\	Add Service Notes
`	Move back one Photo

APPENDIX H - PHOTO PROOF MODE SHORTCUT KEYS

EDIT & PROOF (PHOTO PROOF MODE) SHORTCUT KEYS

KEY	DESCRIPTION
+	View More Photos / Decrease thumbnail size
-	View Less Photos / Increase thumbnail size
0	View 12 Photos
SHIFT 0	View 12 Photos
1	View 1 Photo
SHIFT 1	View 1 Photo
2	View 2 Photos
SHIFT 2	View 2 Photos
3	View 3 Photos
SHIFT 3	View 3 Photos
4	View 4 Photos
SHIFT 4	View 4 Photos
6	View 6 Photos
SHIFT 6	View 6 Photos
8	View 8 Photos
SHIFT 8	View 8 Photos
9	View 9 Photos
SHIFT 9	View 9 Photos
=	View More Photos / Decrease thumbnail size
CTRL A	Select All
F	Replace File
K	Set Express Color Code
N	Next Order
CTRL O	Undo Order Changes
P	Print Current Order
CTRL P	Print Selection as New Order
ALT P	Print All
CTRL R	Order 'A La Carte' Local Print Item
S	Save Changes
CTRL S	Save Selected
ALT S	Save as New Order

KEY	DESCRIPTION
DIVIDE (/)	Paste Photo Attributes from the Clipboard
MULTIPLY (*)	Copy Photo Attributes to the Clipboard
CTRL MULTIPLY (*)	Save Advanced Custom Attribute window marked with current clipboard attributes
ALT+ MULTIPLY	Save Advanced Custom Attribute window, NEW custom
PAGE DOWN	Scale Out
CTRL PAGE DOWN	Scale Out in Largest Increments
SHIFT PAGE DOWN	Scale Out in Smallest Increments
Num Pad 0	Views 12 Photos
Num Pad 1	Brightness
Num Pad 2	Contrast
Num Pad 3	Exposure
Num Pad 4	Shadows
Num Pad 5	Color
Num Pad 6	Tone
Num Pad 7	Red→Cyan
Num Pad 8	Green→Magenta
Num Pad 9	Blue→Yellow
PAGE UP	Scale In
CTRL PAGE UP	Scale In Largest Increments
SHIFT PAGE UP	Scale In Smallest Increments
RETURN	Save Order
TAB	Move to next photo
SHIFT TAB	Move back one photo
CTRL Y	Redo
Z	1:1 Zoom Actual Zoom
CTRL Z	Undo one level
ALT Z	3x Zoom
SHIFT Z	2x Zoom
SHIFT ALT Z	4x Zoom
\	Add Service Notes
~	Move back one photo

APPENDIX I - RETOUCH WORKSHOP SHORTCUT KEYS

RETOUCH WORKSHOP SHORTCUT KEYS

KEY	DESCRIPTION		KEY	DESCRIPTION
NEXT	Zoom Out		[Decrease Brush Size
PRIOR	Zoom In]	Increase Brush Size
CTRL Y	Redo		{	Increase Feather
CTRL Z	Undo		}	Decrease Feather

BORDER WORKSHOP SHORTCUT KEYS

KEY	DESCRIPTION	KEY	DESCRIPTION
CTRL C	Copy	CTRL PAGE UP	Scale In Largest Increments
CTRL X	Cut	SHIFT PAGE UP	Scale In Smallest Increments
CTRL V	Paste	CTRL Y	Redo
TAB	Next Item in Border Items	RIGHT	Move Right
SPACE	Pan	CTRL RIGHT	Moves Right in Largest Increments
`	Previous Item in Border Items	SHIFT RIGHT	Moves Right in Smallest Increments
SHIFT TAB	Previous Item in Border Items	Numpad 2	Scale Out bottom edge of object in small increments
CTRL B	Change Border View	CTRL Numpad 2	Scale Out bottom edge of object in large increments
DELETE	Delete	Numpad 4	Scale Out right edge of object in small increments
DOWN	Move Item Down	CTRL Numpad 4	Scale Out right edge of object in large increments
CTRL DOWN	Move Item Down in Largest Increments	Numpad 6	Scale In bottom edge of object in small increments
SHIFT DOWN	Move Item Down in Smallest Increments	CTRL Numpad 6	Scale In bottom edge of object in large increments
LEFT	Move Item Left	Numpad 8	Scale In right edge of object in small increments
CTRL LEFT	Move Item Left in Largest Increments	CTRL Numpad 8	Scale In right edge of object in large increments
SHIFT LEFT	Move Item Left in Smaller Increments	CTRL Z	Undo
PAGE DOWN	Scale Out	ALT Backspace	Undo
CTRL PAGE DOWN	Scale Out in Largest Increments	UP	Moves Item up
SHIFT PAGE DOWN	Scale Out in Smaller Increments	CTRL UP	Moves Item Up in Largest Increments
PAGE UP	Scale In	SHIFT UP	Moves Item Up in Smallest Increments

APPENDIX K - EXPRESS COLOR CODE TABLE

EXPRESS COLOR CODE TABLE

Key		Positive Values	Negative Values	Special Values	Default Value
1	Brightness (gamma)	0ABCDEFGHIJKLMNOPQRSTUVWXYZ	N/A		0
2	Contrast	0ABCDEFGHIJKLMNOPQRSTUVWXYZ	N/A	Z = Auto	0
3	Exposure Compensation	0ABCDEFGHIJKLMNPQR	0123456789YXWVUTS		0
4	Shadows	0ABCDEFGHIJKLMNPQR	0123456789YXWVUTS		0
5	Color	0ABCDEFGHIJKLMNPQR	0123456789YXWVUTS		0
6	Tone	0ABCDEFGHIJKLMNPQR	0123456789YXWVUTS		0
7	Standard Color Balance			D-Day F-Flash I-Incandescent T-Tungsten, 0-None	0
7,8	Custom Balance (red)	00-ZZ	N/A		0
8,9	Custom Balance (green)	00-ZZ	N/A		0
10,11	Custom Balance (blue)	00-ZZ	N/A		

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