

GBResequene User's Guide

Image Sequence Preview, Copy and Rename Utility

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Sample screens in this User's Guide are shown as they appear on Windows 7. Vista and XP screens are similar.

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Product License Sub Menu.....**Error! Bookmark not defined.**

 Activate**Error! Bookmark not defined.**

 Release.....**Error! Bookmark not defined.**

 Restore.....**Error! Bookmark not defined.**

 Reset**Error! Bookmark not defined.**

Trial License Sub Menu**Error! Bookmark not defined.**

Chapter 1 - Introduction

GBResequene is a Microsoft Windows application for the management of image sequences used in time-lapse.

GBResequene can copy and rename all or selected images in a folder or set of folders. It can preview files with the following formats: JPG, BMP, GIF, EXIF, PNG, TIFF and Canon Raw formats CR2 and CRW.

Applications

- Quickly preview images sequences as a lo-res movie
- Consolidate images from several folders and copy them into another folder while renaming them in sequence.
- Select a subset of images in a folder and copy them into a new numbered sequence
- De-interleave image sequences. Images captured for high dynamic range photography are often numbered sequentially. Copy every third (or fifth, seventh, etc.) image into a new numbered sequence.

GBResequene does not make a time-lapse movie; it copies and renames a sequence of image files. To make a movie from those images you need other software such as Quicktime Pro, Premiere Elements, Adobe After Effects, or Adobe Premiere.

System Requirements

- Windows 7, Vista, XP (home or professional)
- Memory: 256MB minimum, 1GB recommended
- Hard Disk: 500MB minimum
- Processor: 1GHz minimum
- .Net Framework 2.0 - GBResequene requires Microsoft .Net Framework 2.0, which is part of Windows 7 and Vista. If you are using Windows XP, the GBResequene installer will ask permission to install .Net 3.5 (a superset of 2.0).

Chapter 2 - Getting started

Install GBResequence

Download and run the installer package. It copies all necessary files into the folder "C:/Program Files/Granite Bay Software/GBResequence".

If you are running Windows XP, the installer may need to install Microsoft's .Net Framework. This can take several minutes to install. Please be patient.

Start GBResequence

GBResequence will not function without an activated product or trial license. Activation helps protect unauthorized use and copying of our software. It is a mandatory process that associates the products you buy with the computers on which you use those products. Activation authorizes you to use your product on two computers.

Free License Activation

The first time it is run, GBResequence checks for a free license. If the free license has not been activated, you are given a URL and Request Number and are asked to enter an activation code. The URL leads to a license registration form on our web site. The Request Number is based on the hardware configuration of your computer.



Figure 2-1 License Activation Form

License Activation Step 1 - Follow the URL and fill out the registration page. If your computer is not connected to the internet, go to the URL on a different computer.

Product Trial Activation - GBResequence for Windows

To get your free-trial activation code, enter your contact information and click the Submit button.

Contact & Product Information

First Name
Last Name
Email address
Request Code

Product


GBDeflicker for Windows
 GBDeflicker for Mac
 GBTimeLapse for Windows
 GBTimeLapseEOS for Windows
 GBResequence for Windows

Primary Application

GBTimeLapse Canon Remote Capture Other Canon Software
 Nikon Software Other Source

Primary Purpose

Time-lapse videography Studio photography
 Site monitoring Security
 Stop motion animation Other




Type the two words:
 

Figure 2-2 Web site registration page

License Activation Step 2 - Fill out the form, then an Activation Code is displayed. The activation code is calculated from the Request Number and is only valid on one computer.

Product Trial Activation - GBResequence for Windows

Copy this activation code and use it to activate your trial software.

Your activation code is 1437369229752

Thank You!

Figure 2-3 Activation Code

License Activation Step 3 - Copy the Activation Code and paste it into the Trial Activation form.

Getting Started

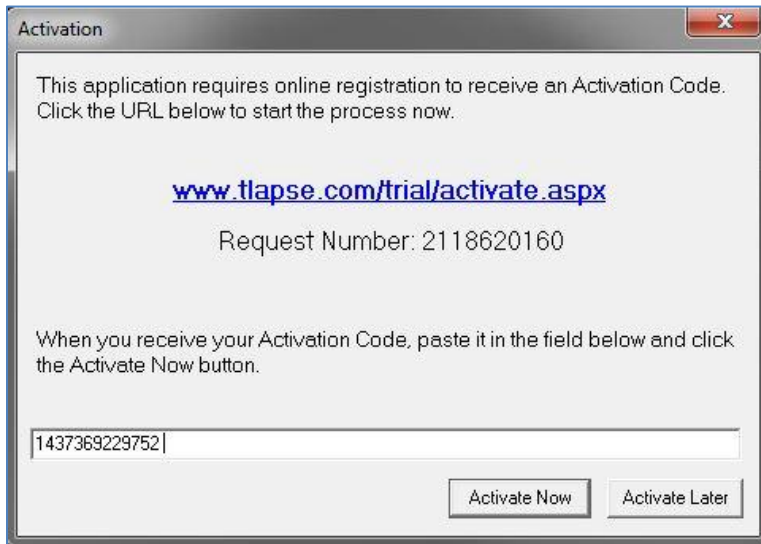


Figure 2-4 Completed License Activation Form

If the license is successfully activated it displays the results of the activation.

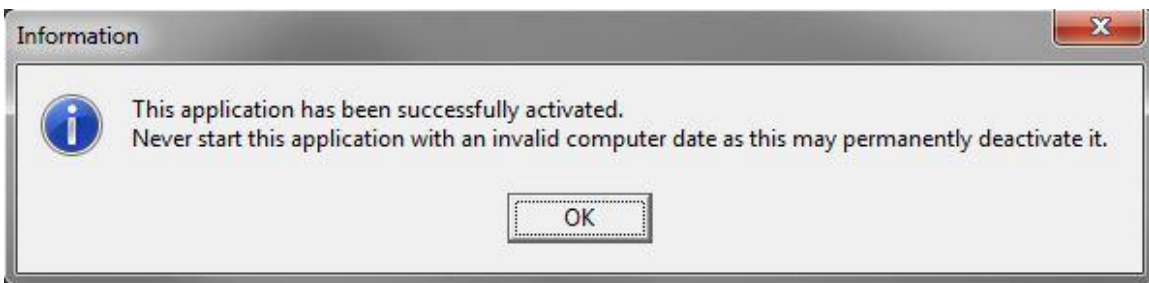


Figure 2-5 Successful activation

Chapter 3 - User Interface

Please watch the tutorials at GraniteBaySoftware.com. It's the best way to see how to use GBResequence.

Main Window

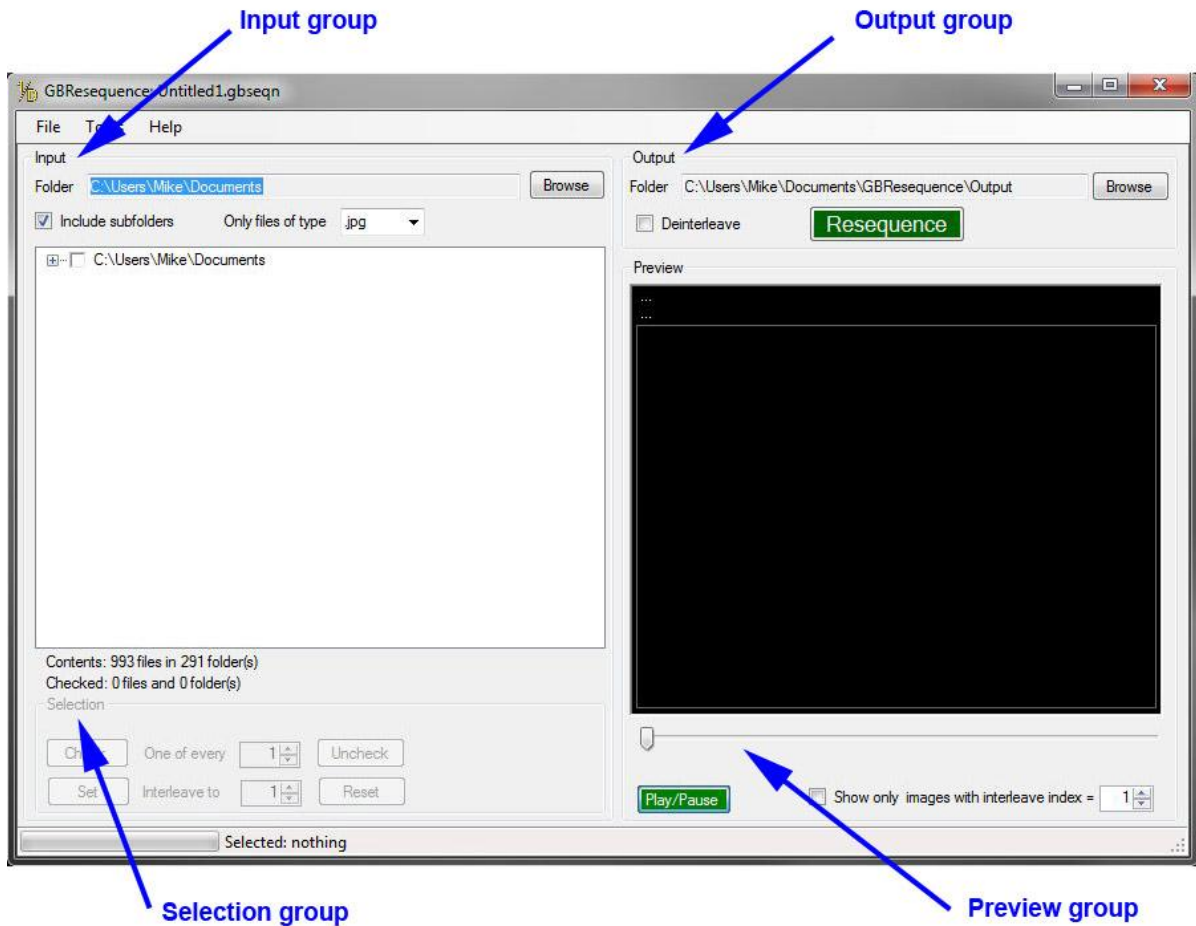


Figure 3-1 -- GBResequence Main Window Screen

Input Group – Controls to specify which folders and images to use for input

Output Group – Controls to specify the output folder

Selection Group – Controls which of the images are to be processed

Preview – Controls for previewing thumbnails and settings of selected input files

Input Group

The input group controls are used to select the input folders.

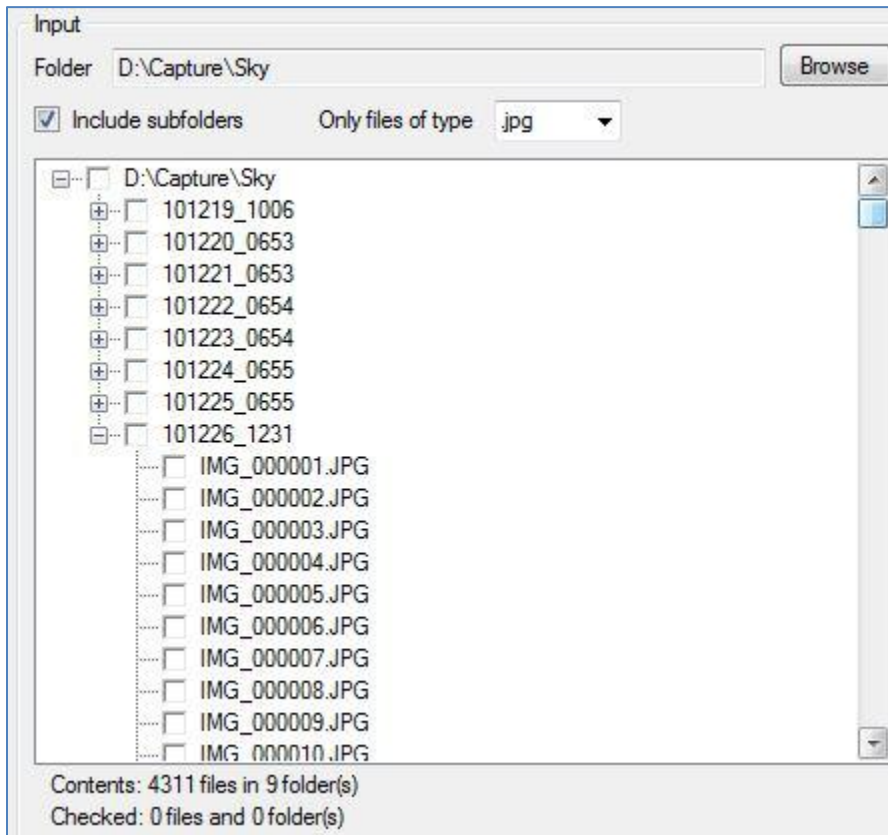


Figure 3-2 - Shutter Tab Screen

Folder – The current input folder, press the Browse button to change. The tree view shows the root folder and its contents in alphabetical order.

Only files of type – Only input folders of this matching type. Only .jpg and Canon raw files can be previewed by GBResequence, but all others can be otherwise processed.

Tree View – The tree view shows the root folder and its contents. Click the +’s to expand a folder, and –’s to collapse. Check an items checkbox to include it in the input, uncheck it to exclude it from the input.

Contents message – Summarizes the contents of the root folder.

Checked message – Summarizes all content items that are currently checked. Only checked items are previewed and re-sequenced.

Selection Group

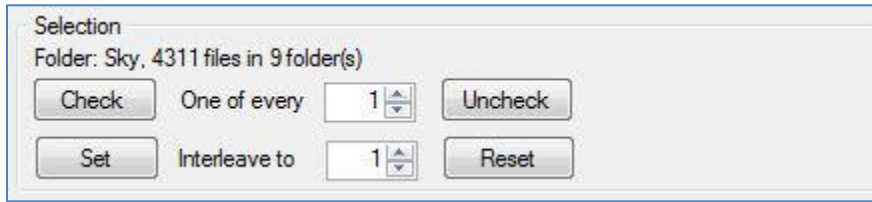


Figure 3-3 Selection Group Controls

Folder message – Shows the name of the selected folder or file. If it's a folder, it also lists the folders contents.

Check – Click the Check button to “check” files according to the “One of every” value.

If a folder is selected, all files it contains will be checked.

If a file is selected, that file and **all files following it** will be checked.

One of every – Indicates the number of files to check. If the value is one, then all files are checked. If the value is two, then one of every two files is checked (every other). If it is three, then every third file is checked. Etc...

Uncheck – Click the Uncheck button to “uncheck” files according to the “One of every folder” value.

Set – Click the Set button to set the interleave index of the selected file according to the “Interleave to” value.

If a folder is selected, successive files in the folder will be assigned interleave values of 1,2,3,.. up to the “Interleave to” value.

If a file is selected, it is assigned the “interleave to” value.

Interleave Value – If a folder contains images captured using a camera's auto exposure bracketing, the interleave value is three. Each group of three images is normal, over exposed and under exposed. By setting the interleave values, you can extract separate them when re-sequencing.

Reset – Resets the interleave value to its original value when the file was first scanned.

Output Group

The output group controls where re-sequenced images are copied.

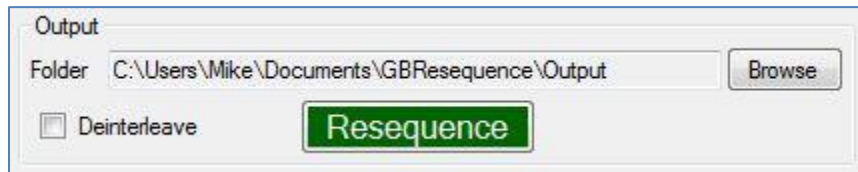


Figure 3-4

Folder – Where the re-sequenced files will be copied. To avoid overwriting the input files, the output folder cannot be inside of the input folder.

Browse – Use the Browse button to change the output folder

Deinterleave – Check this box to de-interleave the input files. A subfolder is created for each interleave index and all files with the same interleave index are renumbered separately and copied into the corresponding sub folder. You can control the sub-folder names in the Project Settings.

Re-sequenece – Click this button to begin the Re-Sequenece process.

Preview Group



Figure 3-5 Preview Group

The preview window shows a thumbnail of the selected image along with information about the image. Showing a thumbnail is much faster than showing a higher resolution image. Re-sequencing doesn't require viewing high res images – that is better left to other software such as non-linear editing programs.

GBResequence looks for a file named ImageLog.xml normally saved with images captured using GBTimelapse. The image log file contains exposure information and interleave information from when the image was captured. If the image log file is not present, GBResequence used jpeg Exif data if it is available.

Play/Pause toggles playback of all checked thumbnail images. When paused, you can drag the trackbar to scrub through all checked images.

Graph – Switches between the image preview and the settings graph

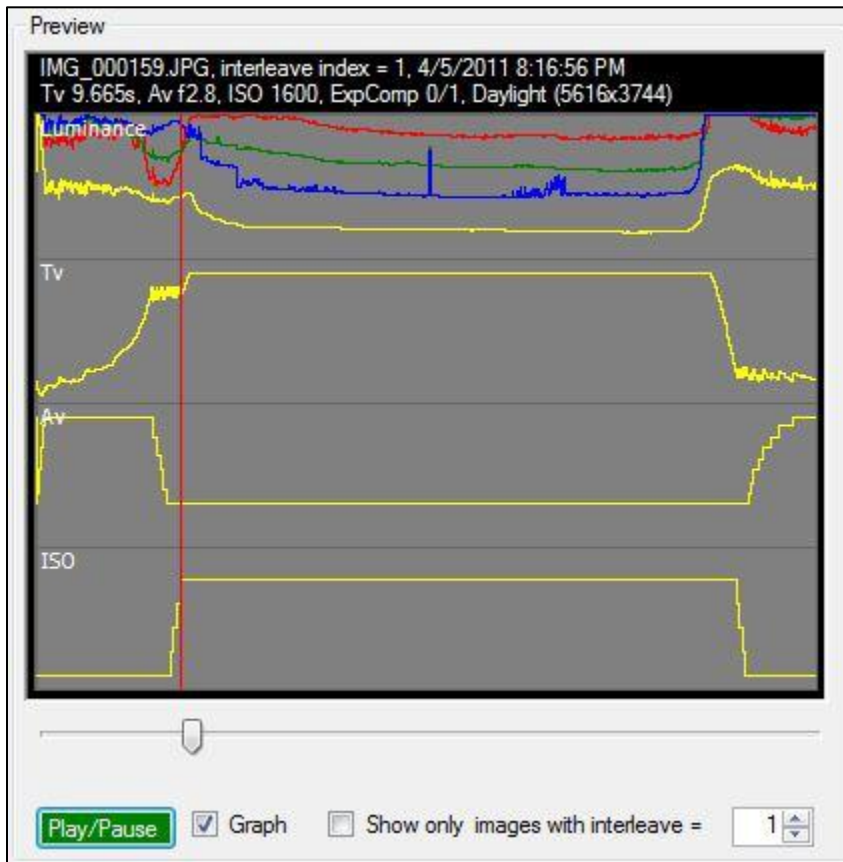
Show only... – When checked, only images with the matching interleave index are previewed.

User Interface

For example, if you have checked a series of images captured with auto exposure bracketing, playback would flash bright and dark as you preview images with different exposure levels. To only see those with normal exposures, check this box.

Preview Group – Graph Mode

If Graph is checked, the Luminance, Tv, Av, and ISO history is drawn in four stacked graphs.

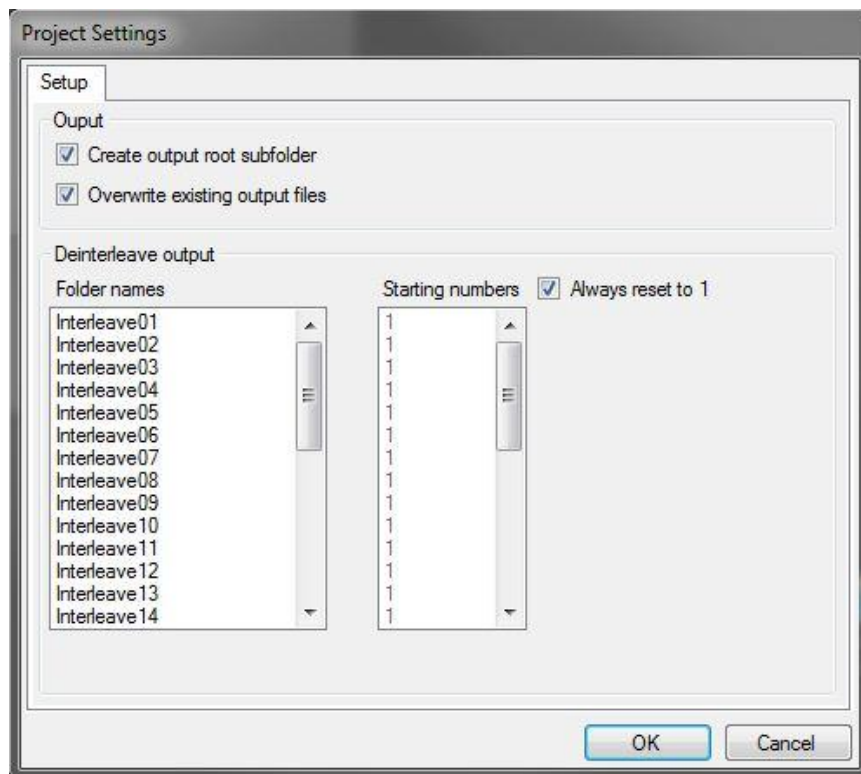


The Luminance is shown in the top graph. The yellow line shows the luminance curve and the red, green and blue lines show the peak values of the red, green and blue channels. The red vertical line indicates the position of the current image in the history. As you move the trackbar you can scrub through the images in the history and observe how the settings changed.

Chapter 4 - Project Menu

You can save all the current input and output settings in a project file.

Project Settings



Create output root subfolder – If checked, a subfolder is created in the output folder and named after the input root folder.

Overwrite existing output files – If not checked, output files of the same name will be overwritten. Use this option carefully to avoid overwriting files you want to keep.

Deinterleave Output – The default names of the Deinterleave subfolders are shown. You can change the names and you can change the starting numbers of the files within the folders.

Chapter 5 Tools Menu

Options Sub Menu

Options are GBResequenece settings that apply to all projects.

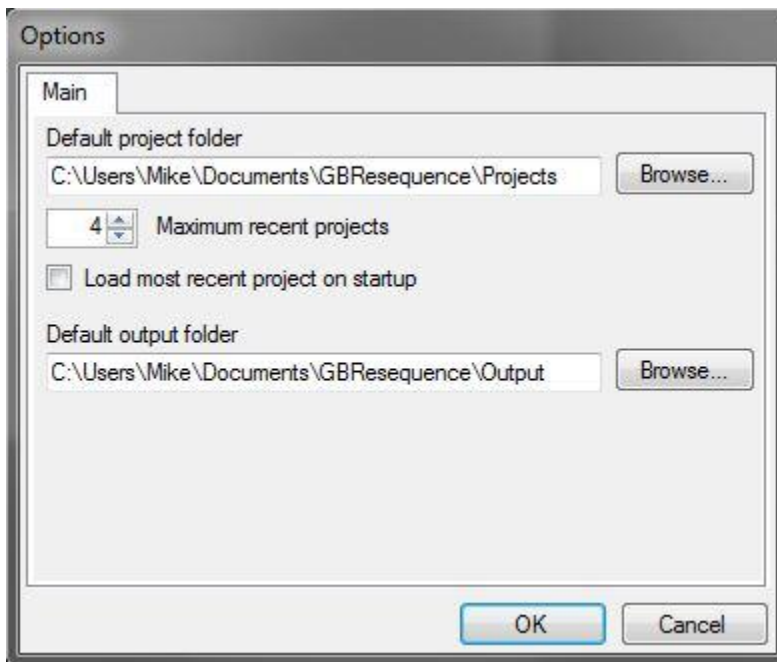


Figure 5-1 Options Window

Default project directory – Where project files will be stored. The default location depends on which version of Windows you are running. Change this value to relocate the project folder.

Maximum recent projects – The number of recent projects to remember in the Project Menu

Load most recent project – Check this box to save a step if you are working on the same project repeatedly. The most recent project file will be loaded when GBResequenece is started.

Default output folder – Where renamed files are copied.

Help Menu

Chapter 6 Help Menu

Although GBResequene checks for a valid license when it first starts, it also provides a way to manage your license from the menu.

If a valid license is not found on startup, all GBResequene functions are disabled, but you may use the license menu item to activate or otherwise manage your license.