SHARPER IMAGE®

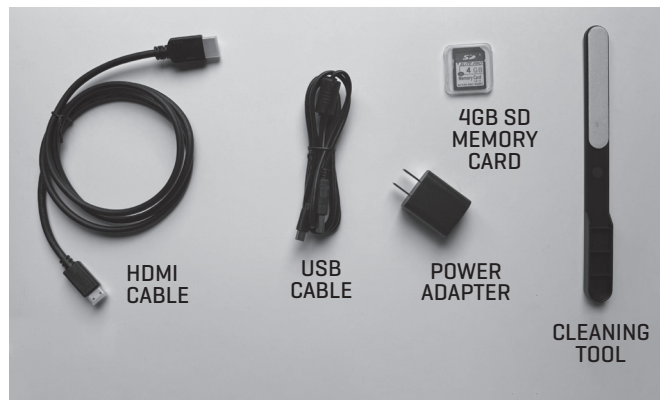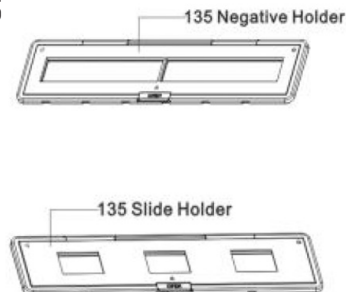## RAPID PHOTO ALBUM SCANNER

Item No. 208490

User Guide

Thank you for purchasing the Rapid Photo Album Scanner. Please take a moment to read this guide and save it for future reference.
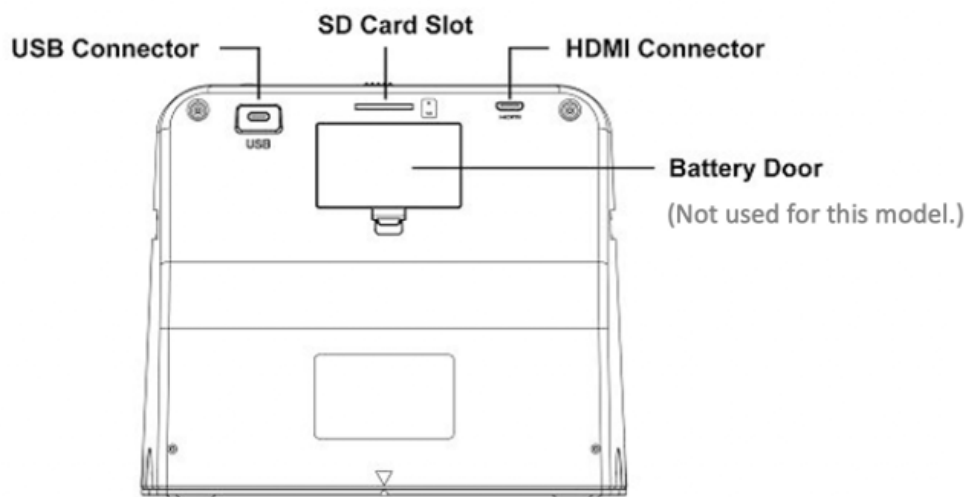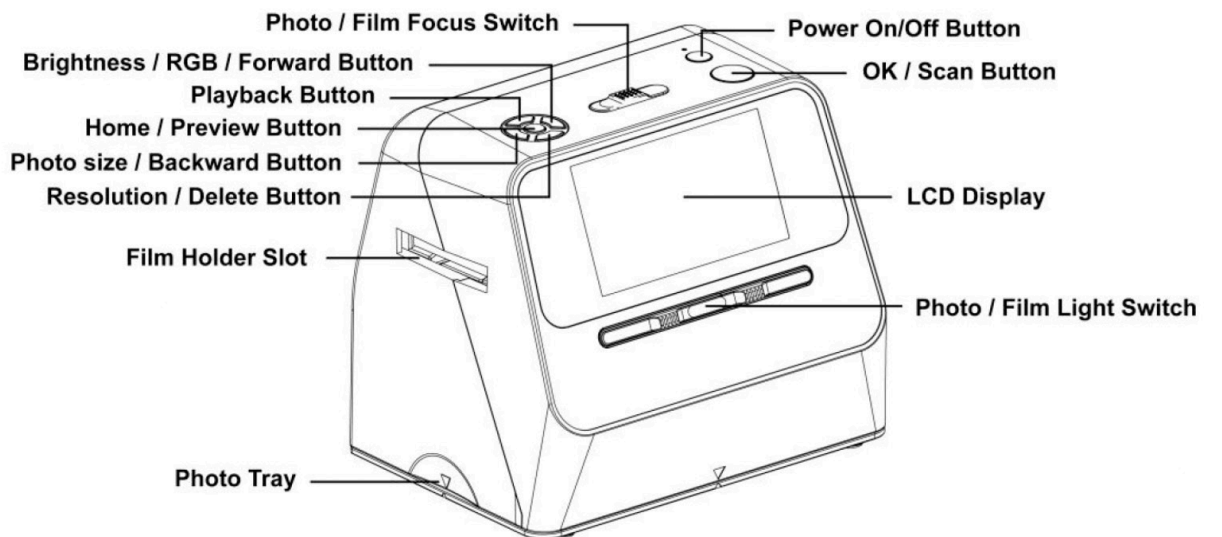
INTRODUCTION

The Rapid Photo Album Scanner lets you quickly digitize pictures, without removing them from your photo album. Simply place it on top of the image you wish to copy and press a button. The built-in CMOS sensor and LEDs give you high-quality, glare-free results in seconds. This device also digitizes 35mm slides and film negatives, so all of your precious family memories can be digitized with one device.
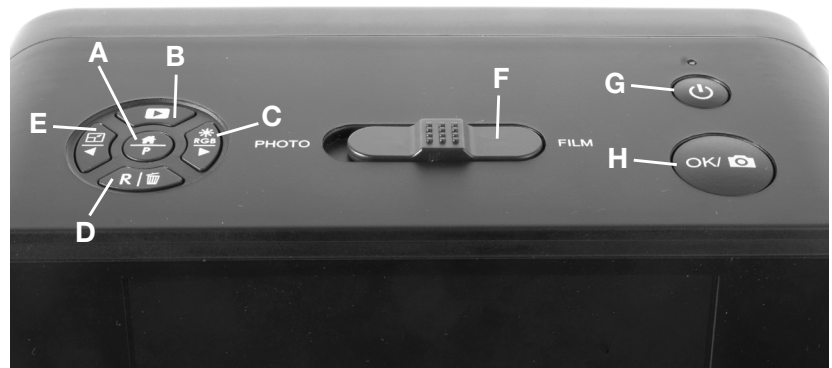
INCLUDED ACCESSORIES

· User guide
· 35mm negative holder
· Slide holder
· Power adapter
· USB cable
· Cleaning tool
· HDMI cable
· 4GB SD memory card

135 Negative Holder

135 Slide Holder

HDMI CABLE

USB CABLE

POWER ADAPTER

4GB SD MEMORY CARD

CLEANING TOOL

PARTS IDENTIFICATION

Photo / Film Focus Switch
Power On/Off Button
Brightness / RGB / Forward Button
OK / Scan Button
Playback Button
Home / Preview Button
Photo size / Backward Button
Resolution / Delete Button
LCD Display
Film Holder Slot
Photo / Film Light Switch
Photo Tray

USB Connector
SD Card Slot
HDMI Connector
USB
Battery Door
(Not used for this model.)

B. Playback
C. Brightness / RGB Forward
D. Resolution / Delete
E. Photo Size / Backward
F. Photo / Film Switch
G. Power On / Off
H. OK / Scan

SET UP

· Insert the included SD card into the SD Card Slot until the card clicks in place. Make sure that the gold side of the card is facing downward. Push once again to release the card. This unit supports SD cards up to a maximum of 32GB.

· Select the media you wish to scan. You can choose Photo (hard copy) or Film (slide or negative). Be sure that BOTH the Photo/Film Focus Switch and the Photo/Film Light Switch are set to the appropriate media.

· Connect the power adapter to an AC outlet. Then connect the power adapter to the scanner via the Type-C USB cable.

· Press the Power Button of your scanner to turn on the electric power. You will see a pop-up screen of Home Page on the LCD. The scanner is now ready for use.

SCANNING A PHOTO ALBUM/MAGAZINE/PHOTO

NOTE: *The Photo Tray is used to keep dust out of the scanner. You can scan photos with or without the tray.*

1. Slide the Photo/Film Focus Switch to "PHOTO."
2. Slide the Photo/Film Light Switch to "PHOTO."
3. With the film tray removed, place the scanner on top of the image you wish to scan.
4. Press the Power Button to turn on the scanner. You will see the Home Page. **NOTE:** *Photo Scan will be the preset item to be selected. You may select the other item by pressing the ▣◀ or ❊RGB▶ buttons.*
5. Under the Photo Scan, press the OK/ 🔲 button to give you a preview on the LCD screen.
6. Select the proper size of the photo (4"x6", 3.5"x5", 4"x4", 4.2"x3.2"or 3.4"x2.1") by pressing the Photo Size ▣ button. The selected photo size is shown on the left hand side of the preview screen. ◀
7. Press the OK button to scan the picture. The scanned digital image will automatically store on your SD card. **NOTE:** *4"x4", 4.2"x3.2" and 3.4"x2.1" are common sizes of Polaroid and Fuji instant film.*

NOTE: *You can scan photos directly from a photo album without removing them from the album. If you see a black image on the LCD screen and do not see the image you want to scan, please check that both switches are on the "Photo" setting. Please do not insert the film holder into the scanner when scanning a photo.*

SCANNING SLIDES AND FILM NEGATIVES

1. Place your slide or negative into the appropriate media holder. (Keep the glossy surface of your film facing up)
2. Close the holder.
3. Slide the Photo/Film Focus Switch to "FILM."
4. Slide the Photo/Film Light Switch to "FILM."
5. Insert the loaded media holder properly into the slot, according to the ▲ or ● symbol shown on the scanner and media holder. (The holder can be inserted into either the left or the right opening.) **TIP:** *Keep your picture in the rectangular white frame shown on the LCD screen.*
6. Select film type by pressing the Film Type button:
   · 135 positive (slide)
   · 135 negative film (color)
   · 135 black & white negative film

TIP: *To get the best digitized image, wait for the image display on the LCD screen to adjust the brightness and become stable. It normally takes 3 to 4 seconds, depending on the brightness of your film. NOTE: Improper film selection will give you improper color results.*

7. Press the OK button to scan the picture. The scanned digital image will automatically store on your SD card.

IMAGE RESOLUTION

There are 2 resolution levels: 14 megapixel and 22 megapixel scan (by interpolation). The resolution is set by pressing the $\frac{R}{\overline{\underline{w}}}$ button on the Preview mode. The selected setting is shown on the lower right hand side of the preview screen.

HOME PAGE

At any time you can go back to the Home Page by pressing the $\frac{\text{🏠}}{P}$ button. This will give you the options to select: Photo Scanning, USB Upload, Photo Gallery and Calendar mode.

BRIGHTNESS AND COLOR ADJUSTMENT

Normally, no adjustment is needed (the scanner will automatically set the proper brightness and colors for your scanning). However, you may wish to adjust the colors of old media that has faded over time.

Press the $\frac{\text{☀ RGB}}{\blacktriangleright}$ button to adjust the brightness and colors of the image of the media to be scanned. Brightness and each color can be adjusted individually or a combination of the selected colors.

After pressing the $\frac{\text{☀ RGB}}{\blacktriangleright}$ button, a selection table with icons of Brightness ☀ and colors Red (R), Green (G) and Blue (B) will appear for you to select. Press the ▶ button to select the item.

Adjust the amount of compensation of the selected items, then press the OK Button to confirm your adjustment.

You may press the OK button again to capture the image you adjusted.

Selecting the Reset ↩ icon will reset all your adjustments. NOTE: *All your settings for scanning film of your last scanning will be reset when the power of the scanner is turned off by the Power Button or unplugged from the USB cable.*

CONNECTING TO A COMPUTER
1. Connect the Type-C USB cable to the scanner and terminal of your computer USB port.
2. Turn on the power of both your computer and scanner.
3. From the Home Page of the scanner (preset), select the USB Upload icon ⚡
4. By pressing the ⬚ or 🔆 RGB button, and then press the OK button to activate the connection.
5. You can now use the device as a mass storage device or card reader and transfer files to your computer.

NOTE: *If the connection fails, please check the loading of the SD Card, make sure that it is properly loaded in the Card Slot. Reload the SD Card and try again.*

THE DATE AND TIME SETTING (CALENDAR)
You may set the Date and Time in the image file before scanning image. The Date and Time set will not be printed on the picture of the scanned image, it is only stored in the electronic file of the image.

From the Home Page of the scanner, select the Calendar icon 📅

by pressing the ⬚ or 🔆 RGB buttons, then OK to confirm your selection. You will see a date adjustment table as shown below:

| 2021 | / | 01 | / | 01 |
| 00 | : | 03 | : | 39 |
| YY/MM/DD |

Press the Playback button ▶ to select the item you want to adjust. Use the. ⬚ or 🔆 RGB buttons to increase or reduce the number you are going to set, then press the OK button to confirm your selection.

NOTE: *The range of the year for date adjustment is limited to 1980 to 2050.*

PREVIEWING AND REVIEWING IMAGES ON A TV SCREEN
1. Connect your Scanner and TV set by the HDMI Cable. Set your TV to the proper HDMI terminal that you are connecting, turn on the power of the Scanner and press the Galley Icon from the Home Page then press the OK button to review your scanned images on the TV screen.
2. You may also connect the Scanner to TV set via USB setting, to review the captured images up to a 4K/2K image quality, depending on the maximum resolution of your TV set.
3. For proper USB connection of your TV set please refer to the instruction manual of your TV set and treat your USB and Scanner connection as a Card Reader.

NOTE: *When 22M scanning is selected, the preview resolution on the TV screen will reduce to 480P due to the transfer rate. The resolution of the scanned images save in the SD card will remain 22M with no reduction.*

PLAYBACK MODE
1. Press the Playback button to playback the digital images saved on your card. You will see the playback icon in the lower left hand corner.
2. Press the UP button for forward reviewing.
3. Press the DOWN button for backward reviewing.
4. Press the Playback button again to start a slideshow.
5. Press the Playback button again to go back to the original screen.

DELETE MODE
1. To Delete an image: Under Playback Mode, press the Delete button 🗑 once, and then the UP button to select YES. Press the OK button to delete the current image.
2. To delete ALL images: Press the Delete button twice and then the UP button to select YES. Press the OK button to DELETE ALL.

NOTE:
- · You must take at least one picture in order to enter Delete Mode.
- · If you don't want to delete images, push the DOWN button once to select NO, then the OK button to exit the Delete Mode.

FORMATTING THE SD CARD
If your SD memory card is not compatible with the Rapid Photo Album Scanner, you will need to format it on your computer first.

NOTE: *Formatting SD card will delete all the files in the card. Download your files in the SD card into your computer before the SD card is formatted.*

CLEANING THE DEVICE
We suggest using the included brush to clean inside the slot and the glass surface periodically to produce a clear image. Please make sure your film negatives/mounted slides and their holders are clean before inserting into the device as well. Dust or dirt from the film holder will affect the quality of your scanned images.
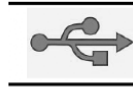
SPECIFICATIONS

Image Sensor	1/2.33" 14 Mega CMOS Sensor
Preview and Review	5" Color LCD Display
Lens Specification	F/No=3.4, f=5.2mm
Color Balance	Automatic
Exposure Control	Automatic & Manual adjustment
Compatible photo size	4X6 inches. and 3.5X5 inches
Compatible instant film size	4"x4", 4.2" 3.2", 3.4"x2.1
Compatible print media	Photo album/magazine/photo
Compatible Film Size (auto cropping)	135 / 110 / 126 film size
Compatible Film Type (auto converting)	50 x 50 mm Slide Color Negative Film Black & White Negative Film
Focusing	Fixed Focus / Dual Focus
Exposure Value (Brightness) adjustment	Yes (± 2.0 EV)
PC Interface	USB 2.0
USB Type	Type-C
Image Format	Photo 3:2 Ratio 135 Film 3:2 Ratio 110 Negative 4:3 Ratio 126 Negative, 1:1 Ratio
Light Source	Photo: 24 white LEDs / Film 3 white LEDs
Power	Power adapter: 5V/1 amp
Net Weight	Approximately 1050 gm.
Dimension	18.2 (H) x 20.9 (W) x 16.2 (D) cm

NOTE: *Specifications are subject to change without prior notice.*

ICONS AND INDICATORS

 Scan film (slides or negatives)

 Connect to computer via USB

 Review scanned photos on the SD card

 Set date and time

 Scan photos

 Transparent film and slides

 Color negative film

 Black and white film

Icon	Description
135	For 135 film negatives
110	For 110 film negatives (holder not included)
126	For 126 film negatives (holder not included)
	Photo scanning shown on preview
	Selected film type shown on preview: Transparent film
	Selected film type shown on preview: Color negative film
	Selected film type shown on preview: B&W negative film
135	Selected film size shown on preview: 135 film
110	Selected film size shown on preview: 110 film
126	Selected film size shown on preview: 126 film
PHOTO: 4 X 6"	Selected photo size (5 sizes to select)
0.0	Brightness setting: -2EV to +2EV
22M	Resolution setting: 14M or 22M
	Capacity of card: Full=3GB+, 3/4=2GB, 2/4=1GB, 1/4=0.5GB
	Battery / Power indication
	SD card malfunction: Not loaded, locked or not compatible
	Reviewing picture from card: single picture
	Reviewing pictures from card: Slide show
	Brightness (EV) and colors adjustment scale
	RGB color adjustment recover to default setting
Delete? Yes No	Delete single image
Delete All? Yes No	Delete all scanned images
	SD card and computer successfully connected
	Computer connection fail
	Wait for scanned image to be stored into the SD card

SYSTEM REQUIREMENTS

PC System Requirements
- Pentium® P4 1.6GHz or equivalent AMD Athlon
- Free USB2.0 port
- 512MB RAM
- 500MB free hard disk space
- 1024 x 768 pixel color monitor
- Windows® XP Service Pack II / Vista™, 32/64 bits Windows 7/Windows 8 / Windows 10

Mac System Requirements
- Power PC G5 or Intel Core Duo processor recommended
- Free USB2.0 port
- 768MB RAM
- 500MB free hard disk space
- 1024 x 768 color monitor
- Mac OS 10.5 and later

WARNING
- Do not try to open the case of the device or attempt to modify it in any way. There are no user-serviceable parts.
- Keep the device away from water and other liquids.
- Use only the included power accessories. Use of power sources not expressly recommended for this device may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.
- This device may become slightly warm during use. This does not indicate malfunction.
- If the exterior of it needs cleaning, wipe it with a soft, dry cloth.

FCC NOTICE
This equipment has been tested and found to comply with the limits for a Class B Digitize device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instruction, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on to off, the user is encouraged to try to correct the interference by one or more the following suggestions.

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to a different power outlet other than the one where the receiver is connected.
- Consult an experienced television or radio technician for help.

CAUTION

To comply with the limits for a Class B Digitize device, pursuant to Part 15 of the FCC Rules, this device must only be installed on computer equipment certified to comply with the Class B limits.

This unit may contain a microcomputer for signal processing and control function. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lockup. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again.

WARRANTY AND CUSTOMER SERVICE

This item from SharperImage.com includes a 1-year limited replacement warranty. If you have any questions not covered in this guide, please call our Customer Service department at 1 (877) 210-3449. Customer Service agents are available Monday through Friday, 9:00 a.m. to 6:00 p.m. ET.