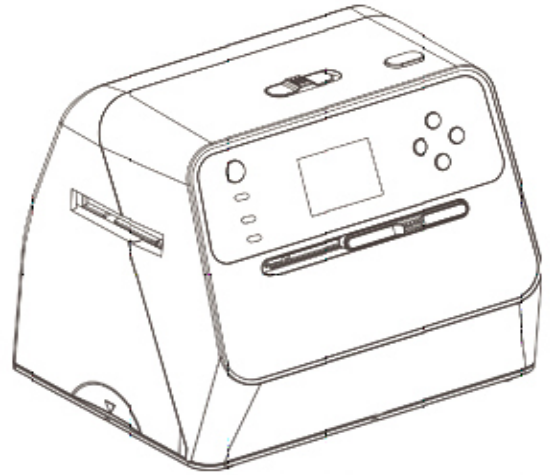


reflecta[®]



Combo Album Scanner

User's manual

- 1. Preparation 2
 - Standard Accessories..... 2
 - Part Names 3
 - Installing the battery pack..... 5
 - Charging the battery pack 7
 - Preparing Your Combo Album Scanner 9
- 2. Scanning Photo Albums/Magazines/Photos . 10
- 3. Scanning Film 12
 - Placing film/slide into the holder 12
 - Scanning Film and Slide..... 13
- 4. Playback Mode..... 19
- 5. Delete Mode..... 20
- 6. Linking the Card to Computer..... 21
- 7. Appendix 23
 - Specifications 23
 - Icons & Indicators..... 24

1. Preparation

Standard Accessories



Combo Album Scanner



Manual



Cleaning brush



135 negative holder



135 slide holder



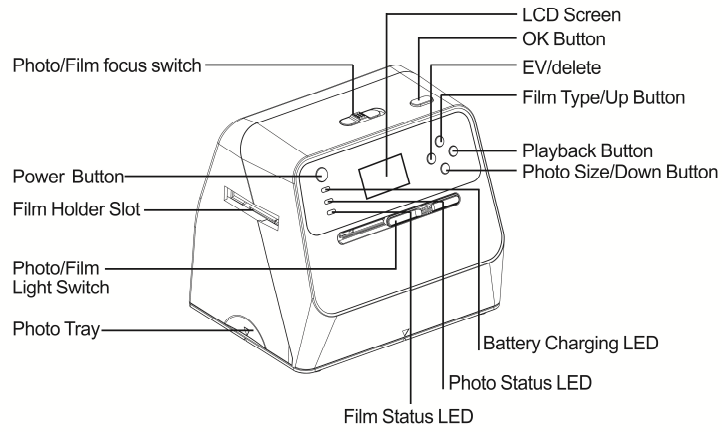
Adaptor



USB cable

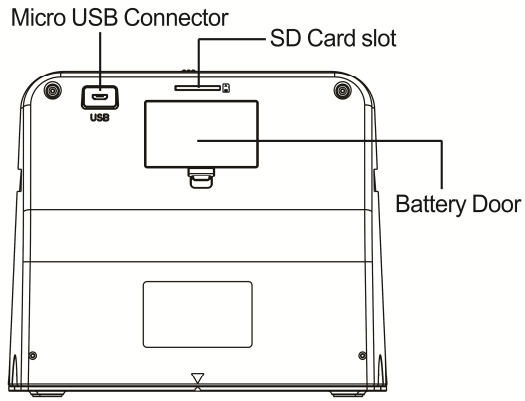


Lithium battery



EN	EN
Photo/Film focus switch	Photo/Film focus switch
Power Button	Power button
Film Holder Slot	Film holder slot
Photo/Film Light Switch	Photo/Film light switch
Photo Tray	Photo tray
LCD Screen	LCD screen
OK Button	OK button
EV/delete	EV/delete
Film Type/Up Button	Film type/up button
Playback Button	Playback button
Photo Size/Down Button	Photo size/down button

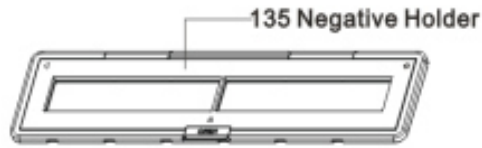
Battery Charging LED	Battery charging LED
Photo Status LED	Photo status LED
Film Status LED	Film status LED



EN	EN
Micro USB Connector	Micro USB connector
SD Card slot	SD card slot
Battery Door	Battery door



EN	EN
Brush	Brush



EN	EN
135 Negative Holder	135 negative holder



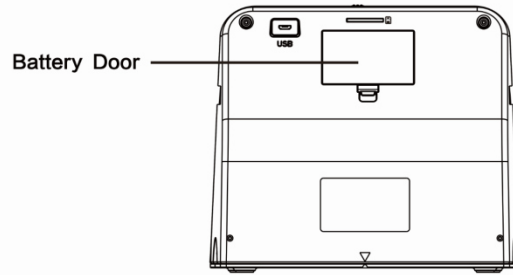
EN	EN
135 Slide Holder	135 slide holder

Note: We suggest using the bundled brush to clean the glass surface in the Combo Album Scanner periodically to produce clear images. Please make sure your film negatives/mounted slides and their holders are clean before inserting into the Combo Album Scanner. Dust or dirt from the film holder will affect the quality of your scanned images.

Installing the battery pack

1. Open the battery door by lightly pressing and sliding the door latch.

2. Insert the supplied battery. Make sure the (+ and -) ends of the battery match the polarities indicated in the battery compartment.
3. Snap the cover back and press the latch into place.



EN	EN
Battery Door	Battery door

Battery power status



Full

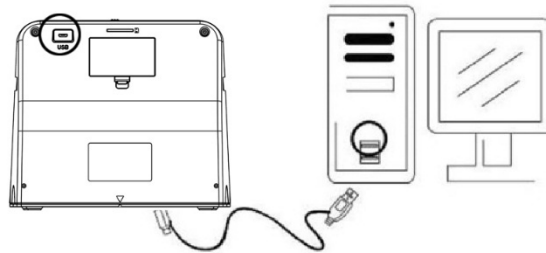
Empty

Charging the battery pack

EN

The battery pack will not be fully charged at the time of purchase and therefore needs to be charged before use. If the battery charge becomes low while you are using the scanner, it is recommended to recharge it as soon as possible.

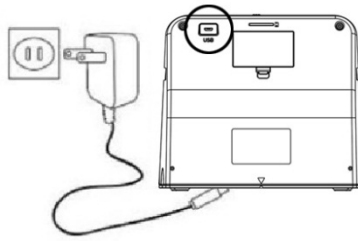
1. Insert the battery pack into the battery compartment (see page 8)
2. You may charge the battery in 2 ways:
 - (a) Plug the Micro USB adaptor of the supplied USB cable to the USB connector of the scanner, and plug the other USB end into the USB port of your computer/notebook.
Please charge the battery for at least 3 hours prior to first use.



- (b) Connect the Micro USB cable to the power adaptor then plug it to the household power outlet. Connect the micro USB terminal to the

Micro USB connector of the scanner. The red LED will turn on during battery charging when the scanner is not in use, and will be off when it is fully charged.

Please charge the battery for at least 3 hours



Note:

The scanner can also be operated without the battery when the power adaptor and USB cable is connected to the scanner.

Status LED indication:

Red LED: (1) On when the power of the scanner is on.
(2) When the scanner is not in use and the power is off, it will be on during battery charging and off when battery is fully charged.

Green LED: Lights up when photo scanning is set.

Blue LED: Lights up when film scanning is set.

1. Insert and push an SD card into the SD card slot until the card locks in place. Push once again to release the card. Unit only accepts SD or SDHC card up to a maximum of 32GB.
2. Load the battery into the scanner as described in the section "Installing the Battery Pack".
3. Select the media you want to scan. Slide the photo/film focus switch and photo/film light switch to the appropriate media.
4. Connect the power adapter to the household electric power plug, then connect the power adapter to the scanner via the micro USB cable. Make sure the USB terminal is inserted in the correct orientation. Do not use too much force to connect the USB terminal into the micro USB connector.
5. Press the power button, then the OK button to select NO (not linked to a computer) on the pop up dialog on the LCD screen. The photo LED (green) or the film LED (Blue) will light up depending on the media chosen.
6. The scanner is now ready for use.

Note:

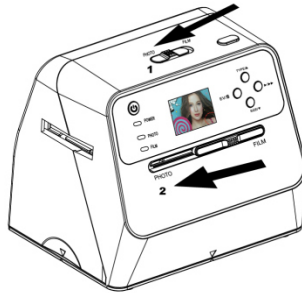
If you do not see the light from your LCD screen, slide the

photo/film light switch to its proper position.

2. Scanning Photo Albums/Magazines/Photos

NOTE: the film tray doubles as the base for this unit. You must detach it to scan photos.

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 the picture in the photo album, magazine or photo you want to scan.
4. Press the power button to turn on the scanner. You will see the image of the media under the scanner on the LCD screen.
5. Select the size of the photo (3.5" x 5" or 4" x 6", 4" x 4", 4.2" x 3.2", 3.4" x 2.1") by pressing the down button
6. Press the OK button to scan the picture. The scanned digital image will be automatically stored on your SD card.

Note:

4 x 4", 4.2 x 3.2" and 3.4 x 2.1" are the sizes of Poloroid and Fuji instant film photos.



Note:

You may scan your photo by placing it on the photo tray. You can also scan directly from your photo album without removing the pictures from their holder.

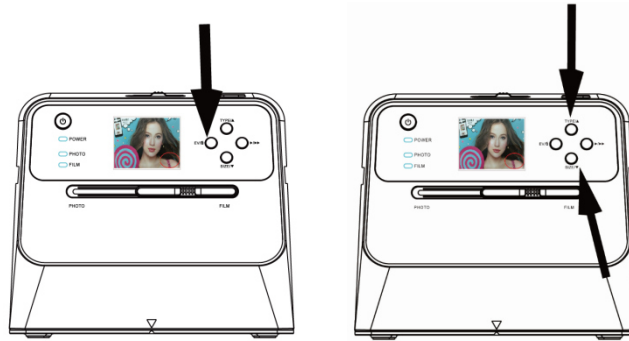
If you see a black image on the LCD screen and do not see the image you want to scan, please check that both switches are on the "PHOTO" setting. Please do not insert the film holder into the scanner while scanning photos.

- 1. Brightness adjustment: the exposure of the scanner is set automatically. On some occasions you need to

adjust the brightness (exposure) of your subject.

Press the EV/delete button to adjust exposure value.
Press the up or down button to adjust the exposure compensation between +2EV to -2EV in 0.5 increments.

The amount of compensation is shown at the bottom of the LCD screen. Press the EV/delete button again to complete the setting.



3. Scanning Film

Placing film/slide into the holder

1. Keep the glossy side of your film upwards.
Open the negative/positive slide holder as Illustrated.



2. Put a 135 positive slide/negative film into holder as shown.



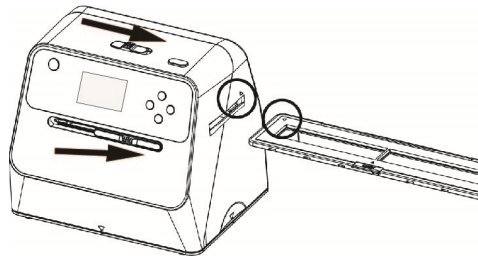
3. Close the holder and make sure the holder is closed properly.



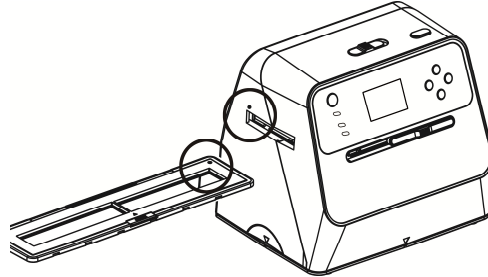
Scanning Film and Slide

1. Slide the photo/film focus switch to **“FILM”**
2. Slide the photo/film light switch to **“FILM”**

Insert the loaded film/slide holder properly into the slot according to the ▲ or ● sign shown on the scanner and film holder.



(▲ Insert through the right entrance)



(● Insert through the left entrance)

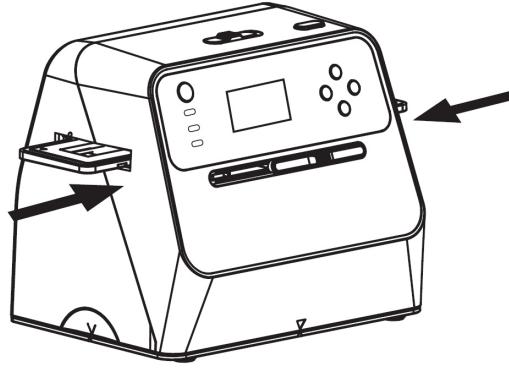
You can adjust the location of the film by moving the film holder; the film holder can be moved in both directions.

Keep your picture in the rectangular white frame shown on the LCD screen. Improper adjustment of picture may result in copying of the black edges of the film holder.

If the black edges of the slide film appears on the top or bottom of the LCD screen, tilt the scanner forward or

backward to eliminate the black edge.

EN



Film Type Selection:

To select film type, press the Film type button.

135 positive (slide)

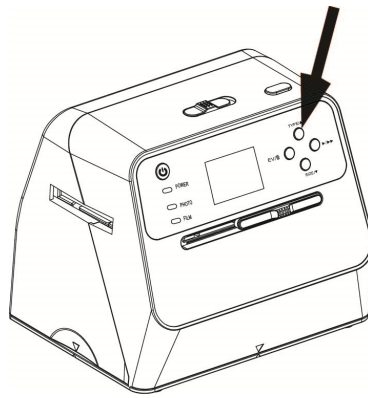


135 negative



135 black & white

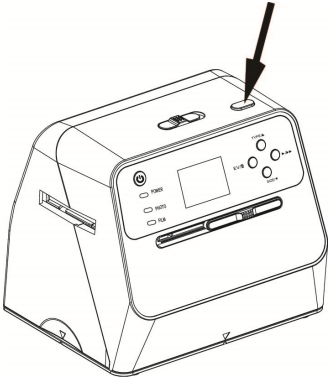




Note: Improper selection of film type may result in improper colour in your LCD screen and the scanned images.

Press the OK button to convert the pictures to digital images.

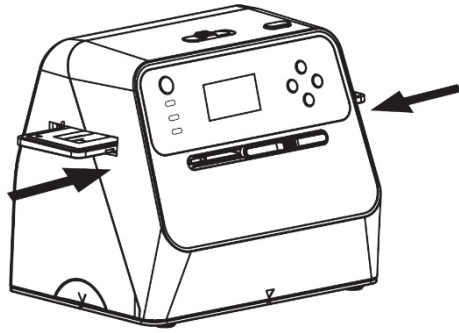
To get the best digitized images, wait for the image display on the LCD screen to adjust to the brightness and become stable. It normally takes 3~4 seconds, depending on the brightness of your film.



Note: To save power, the scanner will automatically go into sleep mode if you do not use it for more than 3 minutes. You may wake up the scanner by pressing any button.

It will turn off automatically if it has not been used for more than 6 minutes.

Move the film holder to the next picture.



Brightness adjustment: the exposure of the scanner is set automatically. On some occasions you need to adjust the brightness (exposure) of your subject.

Press the EV/delete button to adjust exposure value.
Press the up or down button to adjust the exposure compensation between +2EV to -2EV in 0.5 increments.

The amount of compensation is shown at the bottom of the LCD screen. Press the EV/delete button again to complete the setting.



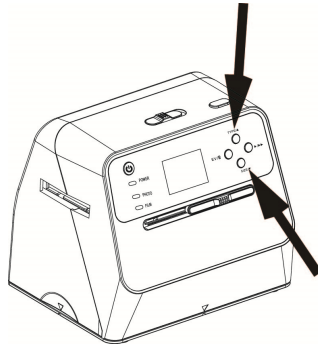
4. Playback Mode

EN

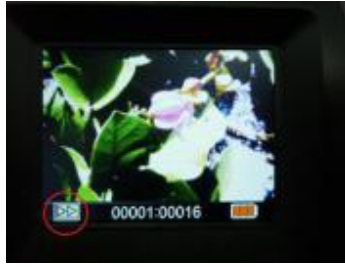
1. Press the playback button to playback the digital images saved on your card. You will see the playback icon in the lower left hand corner, as shown below.



2. Press the up button to review the next image.
Press the down button to review the previous image.



3. Press the playback button again for slideshow
Icon shown as below:



4. Press the playback button again to go back to the original screen.
Icon shown as below:



5. **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 current image.

- 2. **To delete all images:** Press the delete button twice and then the up button once to select YES. Press the OK button to delete.
- 3. **To format the SD card:** Press the delete button three times and then the up button and select YES. Press OK to begin formatting.



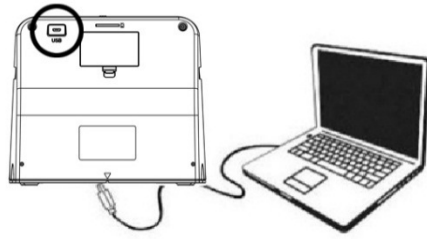
1

- Note:
- a. At least one picture has to be taken for you to enter Delete Mode and format your SD card.
 - b. Formatting the SD card will delete all the files in the card. Download your files in the SD card onto your computer before formatting the SD card.
 - c. If you don't want to delete images, push the down button once to select NO, then press the OK button to leave Delete Mode.

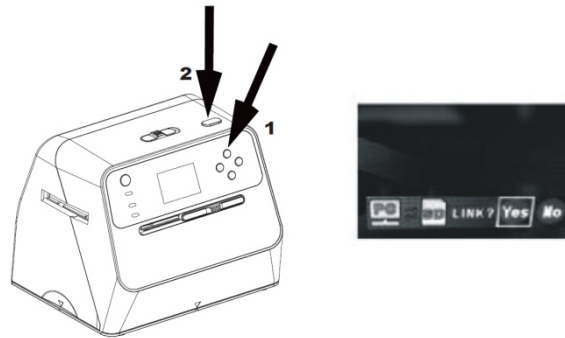
2

6. Linking the Card to Computer

1. Connect the scanner to the computer via the USB cable.



2. Turn on the power of the scanner.
3. Press the up button to select "SD to PC", then select **YES**, then press the OK button for confirmation. To save power, the LCD screen will be turned off when connected to a computer.


























Specifications

Image Sensor	1/2.33" 14 Mega CMOS Sensor,
Preview and Review	2.4" Colour LCD Display
Lens Specification	F/No = 3.4, f = 5.2 mm
Colour Balance	Automatic
Exposure Control	Automatic & Manual adjustment
Supported photo size	4 X 6 inches. and 3.5 X 5 inches
Supported photo media	Photo album/magazine/photo
Supported Film Size Auto Cropping	135 Negative & Slide (3:2)
Supported Film Type Auto Conversion	135 Slide Colour Negative Film (135, 110 & 126) Black & White Negative Film
Focusing	Fixed Focus/Dual Focus
EV adjustment	Yes, ± 2.0 EV
PC Interface	USB 2.0
USB Type	Micro USB Type B
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 and film 3 white LED
Power	Power adaptor: 5V/1 amp. Li-ion 3.7V/1050mAh Battery
Net Weight	Approximately 1050 gm.
Dimension	18.2 (H) x 20.9 (W) x 16.2 (D) cm

Specifications are subject to change without prior notice.

Icons & Indicators

	Battery Full		Delete One
	Battery 2/3		Delete All
	Battery 1/3		Format SD Card
	Battery Empty		Yes
	135 Slide		No
	135 Negative Film		Card Error
	B/W 135 Negative Film		Card Full
	110 Negative Film		Card Lock
	126 Negative Film		Playback Mode

	PC-SD-Card Selection		Slide Show
	PC-SD Card Link-connected		Wait
3.5 X 5/4 X 6	Photo size selected		
	EV Compensation Indicator		
+0.0EV	EV Compensation		
0888	Available number take in SD card		

PC System Requirements

- Pentium® P4 1.6GHz or equivalent AMD Athlon
- Free USB 2.0 port
- 512MB RAM
- 500MB free hard disk space
- 1024 x 768 pixel colour monitor
- CD-ROM drive
- Windows® XP Service Pack II/Vista™, 32/64 bits
Windows 7/Windows 8/Windows 10

Mac System Requirements

- PowerPC G5/Intel Core Duo recommended
- Free USB 2.0 port
- 768MB RAM
- 500MB free hard disk space
- 1024 x 768 colour monitor
- CD-ROM drive

- Mac 10.5 ~ Up

This symbol found on the product or in the instructions indicate that your electrical and electronic equipment should be disposed of separately from your household waste at the end of its life. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.



reflecta[®]

reflecta GmbH

Merkurstrasse 8
72184 Eutingen, Germany
E-Mail: mail@reflecta.de

Fon +49 74 57/94 65 60
Fax +49 74 57/94 65 72
Web: www.reflecta.de