

FCC (Federal Communications Commission)

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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FC-D680-VP_Manual_14-1119
K929-MS680C0035



All-in-One Digital Converter

FC-D680-VP



USER'S MANUAL

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1.Preface

Thank you for purchasing this product !
Please read this user's manual carefully before using this product.
Please retain this manual for future reference.

2.Safety Precautions

- Do not disassemble this unit.
- Do not touch inner part of the scanner after dropping or other damage suffering.
- Do stop using it if there is any problem with the scanner, such as smoke or smell while using.
- Do not clean the scanner with alcohol, gasoline, diluent and other organic solvent.
- Do not use it in many dusts with the damp environment.
- Do not overload the USB connections on your computer to avoid poor working of the scanner for overloading.
- Please use films of standard size.
- Cleaning: Please make sure the scanner is clean before using so as to produce a clean image.
- Clean the back plate, please push mobile button to FILM side, cleaning brush can be insert from right side to clean
- Non use period: Make the products with long serving life and efficient, this products will shut down automatically , if not working within 2 hours.

3.Package Contents

Please check scanner package whether it contained as follow objects, if lack of any object, please contact with retailers whom you buy the product from.



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4. Parts Guide



- (1). Photo positioning holder (3 1/2" X 5", 4" X 6", 5" X 7" and name card)
- (2). Film holder (Positive, Negative)
- (3). Joe objective
- (4). LCD
- (5). USB interface
- (6). TV-OUT interface
- (7). SD/MMC slot
- (8). Conversion button of film and picture scanner
- (9). Power switch button
- (10). Combined button (Left/ Right button, MENU button, ENTER button)
- (11). SCAN button
- (12). Lamp of film scan mode
- (13). Lamp of picture scan mode

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5. Slide and Negative holder loading method

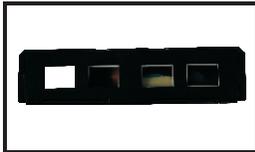
Loading Slides



a. Hold up the slide toward the light. Face the right side of the slide to yourself. (we don't provide white small holder)



b. Take out slide holder out. Let the side with "open" logo face yourself, and let the side with "◀" logo face down. Open the slide holder, then place slides into recessed area in the holder. (films also could be loaded as a strip into the slide holder, forming drawer type as below picture)



c. Close the slide holder and press the edges so that it locks in place

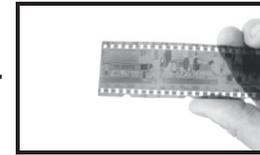


d. Insert the slide holder into the slot on the right side of the film scanner as shown.

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Loading Negatives

a. Hold up the negative toward the light. Face the right side of the slide of the negative to yourself ←



b. Take out negative holder out. Let the side with "open" logo face yourself, and let the side with "◀" logo face down. Open the negative holder, then place negative into recessed area in the holder. ←



c. Close the negative holder and press the edges so that it locks in place ←



d. Insert the negative holder into the slot on the right side of the film scanner as shown. ←



▽ Handle films with care to avoid scratches or finger prints (for the best use cotton gloves when handling films) It is recommended to use compressed cotton to remove any dust on the films.

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(3R)

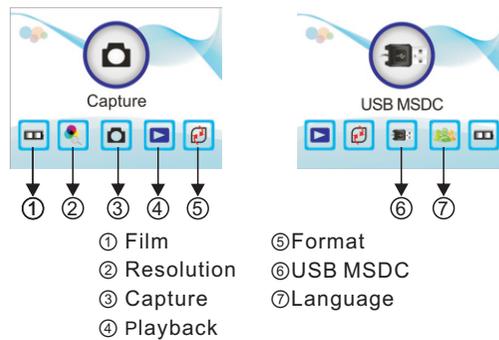
(4R)

(5R)

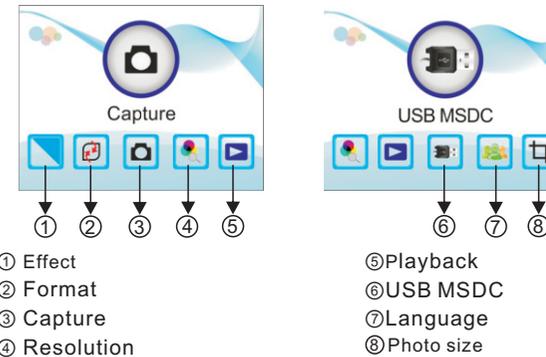
▽ Please locate the positioning sheet into the corresponding fixed hole, then scan picture or name card!

6. Operation Guide

(1). Introduction of Negative Mode Main Menu

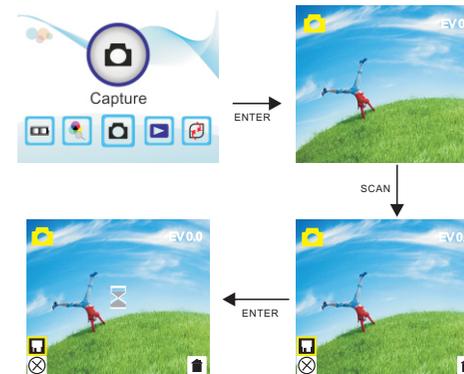


(2). Introduction of Picture Mode Main Menu

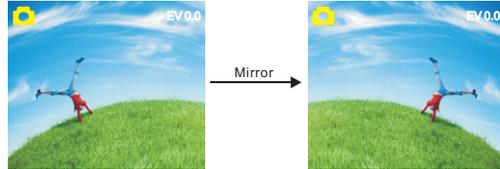


(3). Capture Picture

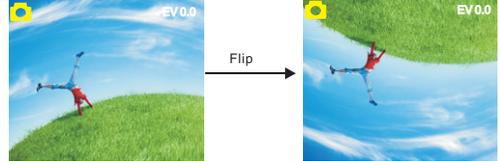
a. Open by pressing , press ENTER into scan mode, under this mode press SCAN and ENTER in turn to capture the current image



b. Scanning mirror film or print mode and turning function.



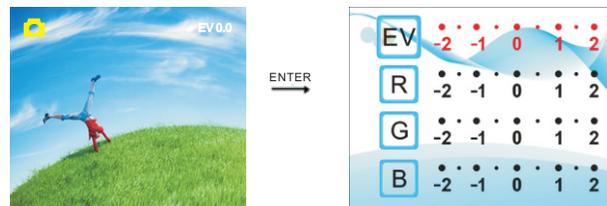
Press left key, the image position be altered from left to right.



Press right key, the image position be altered from up to down



c. Press MENU back to the main menu.

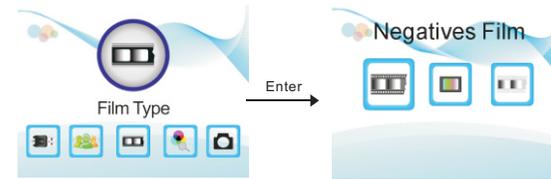


d. press ENTER to set exposure compensation

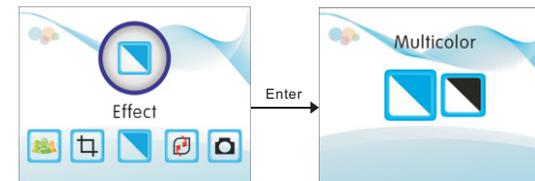
▽ Under convert negative and photo mode, must push the button to the corresponding mode: such as push left "FILM" entering negative scan mode; push right "PHOTO" entering picture scan mode.

(4). Operation Guide

a. In main menu, press , until , then press ENTER you can chose negative、slide、 B&W

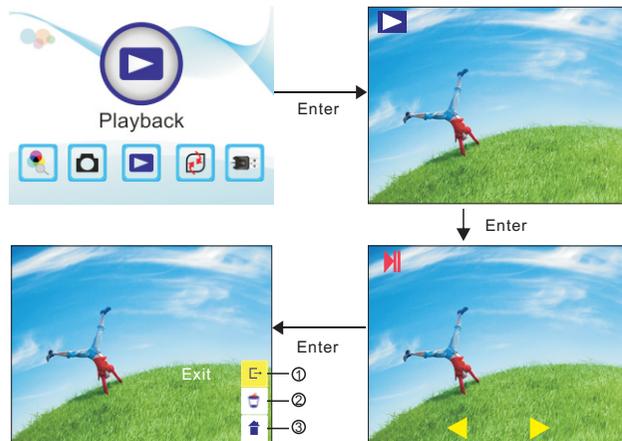


b. Choice of picture mode, under the picture scan mode main menu, press until , then press ENTER into the choice of colour、 B&W.

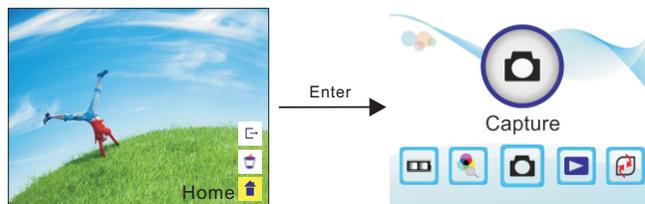


(5). Method of playing scanned picture

Under the negative film and picture main menu mode, press , until , then press ENTER into autoplay scanned picture mode, press ENTER again to suspend automatic play, then enter preview and choose picture mode, you can choose by pressing ; press ENTER again into edit image mode, then you can delete、 exit、 return to the main menu.



- ①. Exit : press **ENTER** to exit picture editing mode and enter the picture auto-playback mode.
- ②. Delete : press **ENTER** to delete current picture, and next picture will be displayed on the screen
- ③. Home : press **ENTER** button to exit the picture editing mode and enter main menu mode



(6). Resolution choice of negative film and picture main menu Under the negative film and picture main menu mode, press **◀ ▶** until , press **ENTER** into image resolution choice, press **◀ ▶** to choose 14M、22M.



(7). Setting Language Under main menu mode, press **◀ ▶**, until , press **ENTER** to chose language, then press **◀ ▶** and **ENTER**, one of following 8 language can be set: English、Franch、German、Italian、Spanish、T-Chinese、S-Chinese、Japanese.



- (8)、The main menu of negative film and picture how to enter USB MSDC

Under the negative film and picture main menu mode, press  , until , press ENTER into USB MSDC, you can view and edit the scanned picture in the computer after successful connecting.



- (9)、How to choose picture size under the main menu mode

Under the main menu mode, press  , until , press ENTER into cutting mode, you can choose corresponding size to cut picture: 5R (5"×7), 4R (4"×6), 3R (3.5"×5) and name card.



7. Product Specification

| | |
|---------------------------|---|
| Function | Film scanner/ USB MSDC/Photo Scanner |
| Interface | USB2.0 |
| Image Sensor | 14.0 Mega pixels (4416*3312) 1/2.3" CMOS sensor |
| Display | Color 2.4" TFT LCD |
| Exposure Control | Automatic / Manual (-2.0 EV~ +2.0EV) |
| Resolution | 14.0 Mega pixels / 22 Mega pixels (interpolation) |
| Scan Quality(reference) | 3200 Dpi & 4000 Dpi(interpolated) |
| Picture aspect ratio Scan | 3:2 |
| Method | Single pass |
| Film type | 35mm Film, Monochrome, Slide |
| Picture Effects | B&W, Slides, Negatives |
| Light Source | LED Back light |
| File format | Picture: JPEG |
| TV-OUT type | NTSC/PAL |
| External memory card | SD/SDHC card up to 32GB |
| Power Supply | DC 5V Adapter / USB Port |
| Language | Simplified Chinese / Traditional Chinese / English / French / German / Italian / Spanish / Japanese |
| Support system | Windows XP/ Vista/ Windows 7/ Windows 8/ Mac10.7.3 |
| Dimensions (L x W x H) | Approx. 9.6" × 5.5" × 8.7" |
| Weight | Approx. 2.9 lbs |

8. Declaration

Please note product specifications are subjected to change. Any changes will be made without notification.