# Brookstone®

# Photo Scanner

## SAVE PHOTO PRINTS AS DIGITAL FILES– WITHOUT A COMPUTER



Note: Photos on this cover are oriented face-up for display purposes only. (Photos are loaded face down during actual use.)

# TABLE OF CONTENTS

# CAUTION

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. THERE ARE NO SERVICEABLE PARTS INSIDE.

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

The lightning flash with arrow-head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

# IMPORTANT SAFETY INSTRUCTIONS

All of the safety and operating instructions should be read, adhered to and followed before the unit is operated.

# SAVE THESE INSTRUCTIONS

# DANGER

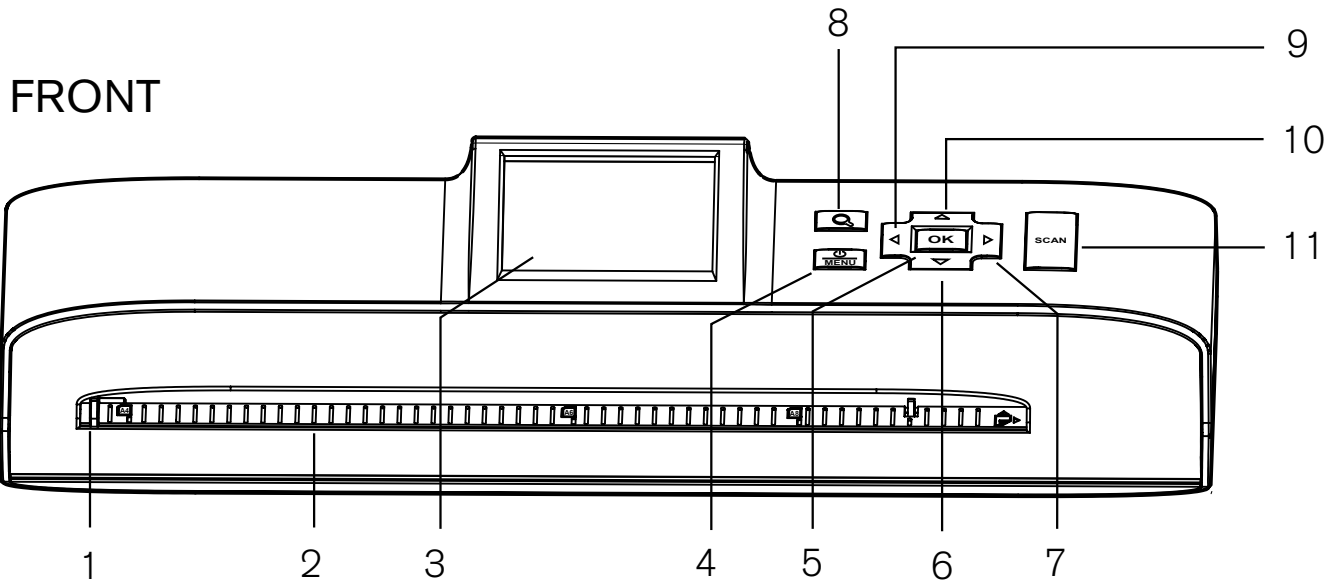To reduce the risk of electric shock, burns, fire or injury:

1. Do not use while bathing or in a shower.
2. Do not place or store unit where it can fall or be pulled into a tub or sink.
3. Do not place in, drop or submerge in water or other liquid.
4. Do not reach for unit that has fallen into water. Unplug it immediately.
5. Care should be taken so that objects do not fall and liquids are not spilled onto the unit.
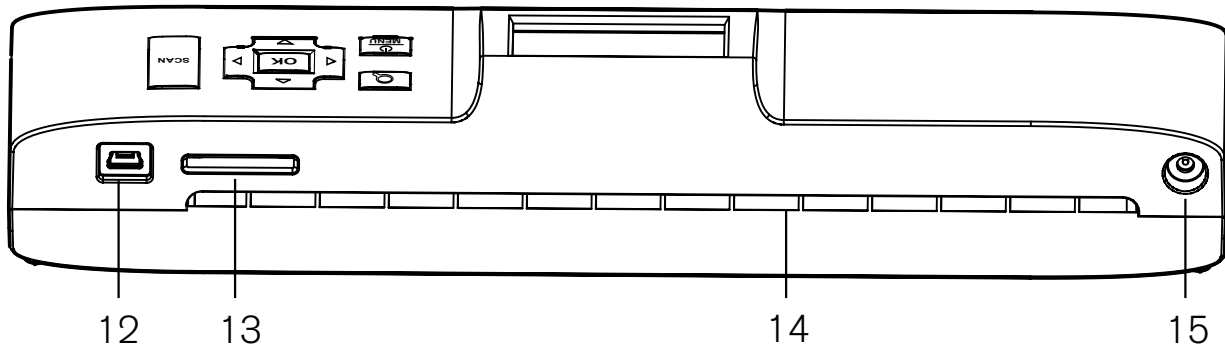
# WARNING

1. Close supervision is necessary when this product is used by or near children or mentally disabled individuals.
2. Use this unit only for its intended use as described in this manual.
3. Unplug this unit during lightning storms or when unused for long periods of time.
4. Never drop or insert an object into any opening other than as instructed in this manual.
5. Protect the adapter cord from being walked on or pinched, particularly at plug outlets and the point where it exits the unit.
6. Do not allow adapter cord to touch hot surfaces. Wrap adapter cord loosely around the unit when storing or detach the cord and store separately.

7. The unit should be situated away from direct sunlight or heat sources such as radiators, electric heaters, heat registers, stoves or other units (including amplifiers) that produce heat. Avoid placing on top of stereo or computer equipment that radiates heat.

8. Never block the air openings of the unit with materials such as clothing, plastic bags or papers, or place it on a soft surface such as a bed or couch, where the air openings may be blocked.

9. Do not overload the electrical outlet. Use only the power source as indicated.

10. Never operate this unit if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged, or dropped into water. If the unit's adapter cord or plug is damaged, do not attempt to fix it yourself.

11. To avoid the risk of electric shock, do not disassemble or attempt to repair the unit. Incorrect repair can cause risk of electric shock or injury to persons when unit is used.

12. Do not operate in the presence of explosive and/or flammable fumes.

13. Never remove the plug from the outlet by pulling the adapter cord.

# LOCATION OF PARTS AND CONTROLS

FRONT

BACK

# LOCATION OF PARTS AND CONTROLS

1. Paper Guide
2. Feed Slot
3. 2.4" LCD Screen
4. Power/Menu Button
5. OK Button
6. Down Button
7. Right Button
8. Zoom Button
9. Left Button
10. Up Button
11. Scan Button
12. Mini USB Port
13. SD/MMC
14. Paper Exit Slot
15. DC-in 5V Jack

# INCLUDED ACCESSORIES

AC Adapter

Calibration Paper

Protective Sleeve

Cleaning Paper

Mini USB Cable

Cleaning Stick

# SUPPORTED MEMORY CARD TYPES

- SD/SDHC

- Mini SD/Mini SDHC (use with adapter—not included)

- Micro SD/Micro SDHC (use with adapter—not included)

- MMC

- RS-MMC (use with adapter—not included)

# OPERATION

## CONNECTING TO POWER

Connect one end of the adapter to the scanner's DC IN jack, and the other end to a power source.

## INSERTING A SD/MMC CARD

Insert your SD or MMC card into the correct card slot with the gold contacts facing up.
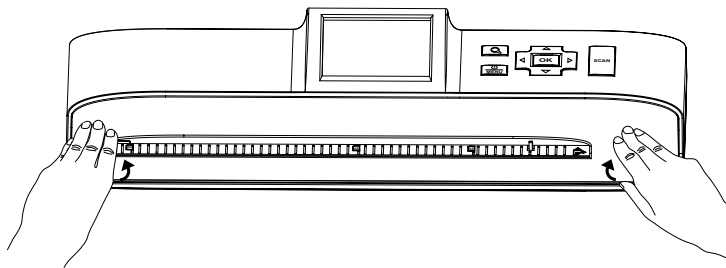
## TURNING THE POWER ON

Press Power/Menu button to turn on the scanner.

# CLEANING THE PHOTO SCANNER

Before first use, clean the scanner so you will get the best quality scan possible. We suggest you clean the scanner both manually and automatically, periodically during use.

**Manual cleaning:**
With the scanner off and unplugged, open the front of the scanner by sliding your fingernails under the front edge of the scanner cover and lifting it off (see below).



Insert the white side of the cleaning stick all the way into the paper slot on the back of the scanner. Slide it back and forth several times to clean any debris out of the area.

Remove the cleaning stick, and snap the scanner cover back into place on the front of the scanner.

**Automatic cleaning:**
1. Plug the scanner into a power source and power on.
2. Insert an SD/MMC card into the slot on the back of the scanner.
3. Load the cleaning paper into the front of the paper slot vertically, just like you would a photograph.
4. Press SCAN and the cleaning paper will clean the scanner lens internally.
5. The actual scan of the cleaning paper will appear on the screen. You may delete.

## CALIBRATING THE SCANNER

1. Insert the CALIBRATION PAPER, with the white side facing down, into the FEED SLOT as instructed on the CALIBRATION PAPER.

2. Press the MENU button to bring up the System Menu.

3. Press the LEFT/RIGHT button to select Setup.

4. Press the UP/DOWN button to select Calibration.

5. Select OK to begin the calibration process.

Note: The process will take few minutes to finish, and then the scanner will turn off automatically.

## USING THE PHOTO PROTECTIVE SLEEVE

We recommend using the supplied PROTECTIVE SLEEVE for 4" x 6" photo scanning to ensure proper placement and that the photo is flat as it feeds through the scanner.

Place the photo inside the PROTECTIVE SLEEVE with the image visible through the clear film.

When loading a photo in the PROTECTIVE SLEEVE into the scanner, make sure the sealed edge is fed into the scanner first.

Note: Do not place a laminated photo/document into the PROTECTIVE SLEEVE as it may damage the photo by adhering to the plastic.

# SCANNER SETTING

Press the SCAN button and then the MENU button to enter the scanner setting menu.

Press LEFT/ RIGHT button to select Scan or Setup.

Press UP/DOWN button to select an option from the submenus (below).

| Menus | Sub Menus | Descriptions |
|---|---|---|
| Scan | Color Mode | Selects a scan mode: Grayscale or Full Color. |
| | Color Optimum | This function provides a color optimization mechanism which will achieve the best color match possible based on the actual color content of the image. |
| | | Note 1: Scanning will take longer than normal with this setting. Please be patient and wait until the process is finished. |
| | | Note 2: This setting is set to its default of "OFF" after the scanner is restarted. |
| Set up | Language | English, German, French, Italian, Spanish, Dutch, Portuguese, Polish. |
| | Format | Deletes all the data stored in the SD/MMC card. |
| | Calibration | Select OK to calibrate the scanner. Note: Refer to page 9 for detailed procedures. |
| | Factory Default | Restores the scanner settings to the default settings. |

Note: Press MENU button repeatedly to go to the other level, or exit the Scan menu.

# SCANNING IMAGES

Ensure the back of the scanner has enough room for your photo to eject out the back. Insert a memory card.

Insert your photo or document facing down into the FEED SLOT on the front of the scanner. Adjust the PAPER GUIDE against the edge of the photo if necessary.

Note: To avoid paper jams, align the photo or document against the right side of the FEED SLOT and adjust the PAPER GUIDE if it is smaller than an A4 size.

Press the SCAN button and the photo or document will be pulled through and scanned. You may need to give the photo or document a gentle push to catch the roller inside the scanner.

Important: Do not press any buttons when the screen is still showing the "Scanning" message. Wait until scanning is complete.

The scanned image will appear on the LCD SCREEN of the scanner and will be saved on the inserted memory card (the scanner does not store images).

Note: When scanning images with a dark background, the scanner may not be able to detect the images, or may crop the images in an undesirable way.

When the scanner has completed the scan the photo/document will appear on the LCD SCREEN. You can zoom in on the photo by using the ZOOM button and use the ARROW buttons to navigate your way around the photo.

To scan another photo/document, repeat the steps above.

Note: When the memory card is full, a "Memory Full" warning will appear on the scanner's screen.

# PLAYING BACK SCANNED IMAGES ON LCD SCREEN

After you scan a photo or document, the scanner will automatically enter the Playback mode. If you want to enter this mode before you have scanned an image, press the OK button.

Playback will start as a full screen image with the image number in the top right-hand corner of the LCD SCREEN. To enter the thumbnail mode, press the OK button again. All the images on the SD/MMC card will be displayed as thumbnails, nine to a screen, to make it easier for you to locate images.

Press the left or right ARROW buttons to navigate through the pages. Pressing the left/right and the up/down ARROW buttons will also allow you to navigate the photos singly.

When you have found a photo you want to see in the larger format, press the OK button when that particular photo is selected in thumbnail mode.

From the Playback mode, you may select a photo and delete or rotate it by entering the menu and selecting setup. Use the up/down ARROW buttons to select from between the options.

# TRANSFERRING IMAGES TO A PC

To move your photos to your PC, connect the scanner directly.

First, ensure that the SD/MMC card that you wish to transfer photos/documents from is inserted in the scanner.

Then, connect one end of the power adapter to the scanner's DC IN jack, and the other end to a power outlet. Press the Power/MENU button to turn on the scanner.

Connect the MINI USB on the included cable to the scanner and connect the USB to the port on your computer.

When a connection from the scanner to your computer is achieved, a "PC Connection" window will appear on the scanner. A "Removable Disk" window will appear on your computer's desktop just as it would for a USB flash drive. The photos will be stored under the folder name DCIM\100NVTIM or similar.

You can now copy them to folders on your desktop. This gives you the freedom to archive, edit, print, email or post them on the Internet. If you don't have a photo editing software on your PC, you may go to www.picasa.google.com and download a free version of their editing software to edit your photos.

Make sure you safely remove the scanner from your computer by clicking on the "safely remove hardware" icon in the bottom right-hand corner of your computer screen. After you click this icon, you may remove the USBs from the computer.

# CARE AND MAINTENANCE

## CLEANING THE SCANNER

In order to maintain the best image quality, and prevent dust accumulation, please clean the image sensor inside the scanner regularly (about every 50-100 scans, or whenever unwanted vertical/horizontal lines appear on the scanned image). Follow the instructions on page 8.

WARNING: Do not use any tools other than the ones supplied to clean the image sensor inside the scanner. Otherwise, the image sensor may be permanently damaged.

To clean the outer case of the scanner, dust with a soft, dry cloth.

WARNING: Do not use any solvents or corrosive liquid (for example; alcohol, kerosene, etc.) to clean any part of the scanner. Otherwise, the plastic material will be permanently damaged.

## STORING THE SCANNER

If the scanner will not be used for a prolonged period of time, follow the instructions below to store the scanner for future use.

1. Disconnect the scanner from the power supply.

2. Place the scanner and power adapter in a box or bag to keep them from accumulating dust.

3. Place the scanner in a cool, dry and safe place out of reach of small children.

Note: After long-term storage, it is recommended that you clean and calibrate the scanner before use.

# SPECIFICATIONS

Scan Sensor . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Linear color CIS

Display . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.4" color TFT LCD
(480x234 pixels)

Scan size . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1.5" x 2" min., 8.5" x 11.8" max.

Scan speed (A4) . . . . . . . . . . . . . . . . . . . . . . . . . 12 sec. at gray (300dpi),
16 sec. at color (300dpi)

Supported OS for mass storage . . . . . . . . . . . . . . Windows XP/VISTA/7 and
Mac OS X (10.4 and higher)

Memory Card Slot . . . . . . . . . . . . . . . . . . . . . . . . . MMC/SD (SDHC)

I/O. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . DC-in (5V/1.0A), USB mini-B

USB Port . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Mass Storage

File Format . . . . . . . . . . . . . . . . . . . . . . . . . . . . . JPEG

OSD Language . . . . . . . . . . . . . . . . . . . . . . . . . . . English, German, French, Italian,
Spanish, Dutch, Portuguese,
Polish

Dimensions . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 11.1" L x 2.9" W x 2.4" H

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MMC is a registered trademark of Jedec Solid State Technology Association.

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