

TV View:

You can also have the ability to view the images on the screen on a large screen like a TV. Use the included TV cables and plug the single black end into the jack located in the back of the scanner marked TV out. The other end of the cable (red and yellow) should be plugged into your screen into the appropriate receptacles.

TECHNICAL SPECIFICATIONS

Function	Film Scan/ USB MSDC
Interface	USB2.0
Sensor	14.0 Megapixels (4416*3312) 1/2.3" CMOS sensor
Lens	F/NO.3.5, f=5.12mm, field Angle=70°
Display	Color 2.4" TFT LCD (960*240)
Focus Range	Fixed focus
Exposure Control	Automatic / Manual (-2.0 EV~ +2.0EV)
White Balance	Automatic
Resolution	14 Megapixels / 22 Megapixels(interpolation)
Scan Quality	3200Dpi & 4000 Dpi (interpolation)
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
Built-in Memory	YES
External Memory Card	SD card up to 32GB
Power Supply	DC 5V (Adapter USB Port)
Language	English / French / German / Italian / Spanish / Japanese Portuguese/ S-Chinese / T-Chinese
Support System	Windows XP/Vista/Windows7/Mac10.7.3
Product Size	[L]87 X [W]86.5 X [H]102.5mm
Weight	250g

Customer Service

info@itsjumbl.com, 866-849-3049

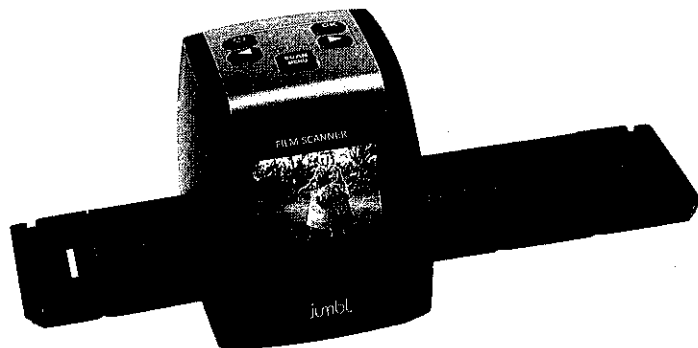
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jumbl™ High Resolution Digital Scanner MANUAL



Introduction

Thank you for purchasing this product. Please read this manual carefully before use, and save the instructions for future reference. There are many functions and details regarding the use of this scanner so we highly recommend that you read through the manual first so you can optimize the use of your new device.

Please Read First

Be careful to keep your product dry and do not expose this to rain or moisture to preserve the life of your product.

CAUTION: To prevent the risk of electric shock, Do not disassemble the film scanner.

VENTILATION: Never place the unit in a way where the ventilation vent is blocked. Leaving your unit on a bed or a couch can lead to the unit overheating.

HEAT: The unit should be situated away from sources of high heat such as radiators or a stove.

SERVICING: The user should not attempt to service the device beyond those means described in this instruction manual. All other servicing should be referred to a qualified technician. Never attempt to open the unit on your own.

USB CORD: If you are not using your device for a long period of time it is recommended to unplug the USB cord from your computer.

General Tips

We strongly suggest using a clean, dry, non-alcohol cotton swab to clean the glass surface periodically to produce a clear image. Do not overload the USB connections on your computer. If you have too many devices connected to your computer, there may not be enough power for the film scanner to operate properly.

Contents - Parts Illustration

Begin by confirming that all the proper parts and pieces included with your device. Please see the below illustration of all the parts that are included with your device.

Please Note: Your device does NOT have an SD card included. For more information on the use of an SD card for memory storage, please see SD CARDS section.

The following parts are included. Please contact your retailer if your unit has arrived missing one of these items.

Digital Scanner - 1

USB cable - 1

Negative holder - 1
(Film Strips)

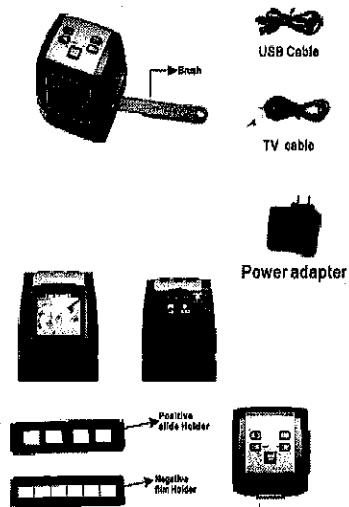
Positive holder - 1
(Slides)

AC / DC adapter - 1

User Manual - 1

Cleaning brush - 1

TV cable - 1



QUICK START—POWER

Powering your unit:

You can power the scanner using the included USB cable in two different ways. Firstly, connect the cable from the scanner to an available USB port on your PC or Mac. Then plug the USB cable into the included 5-volt adapter. The adapter should be inserted into a 120-volt wall receptacle. Connect the other end of the cable into the USB receptacle located on the back of the scanner. Once both ends of your cable is securely plugged in, Press the POWER button to turn on the film scanner.

When the device is turned on if there is no SD card inserted in the back the screen will say no SD card. You will still be able to scan and save images using the internal 128 MB memory.

Memory:

Your scanner has the option of saving the scanned images to the scanner's built in memory or on an external memory card. If you would like your images to be stored on an external memory card, insert an SD/MMC (Secure Digital Multi-Media Card) into the film scanner. The slot for your SD/MMC cards is located on the back of the unit. If an SD/MMC card is in the slot the scanned images will automatically be saved to the SD card.

PLEASE NOTE THAT THE SCANNER DOES NOT INCLUDE AN SD CARD. See page SD CARDS section for more details on SD cards.

Starting up the Scanner:

After the welcome page, the Main Menu screen will display for 5 seconds. You can press the OK button to jump right to the Capture Mode or wait for the full 5 seconds for the system to automatically enter the Capture Mode. Capture Mode, enables you to view, scan and save your images as displayed on the screen.

Once you enter the capture mode, there will be a capture icon indicator on left top corner to indicate that you are in capture mode.

When the film holder is inserted into the slot, the image always shows the positive image according to the defined film type. To change the film type see FILM TYPE SETUP section. (When power is first applied, the film type defaults to (color) negative film).

LOADING NEGATIVES—POWERING THE UNIT

Please note that it is highly recommended to use the included cleaning brush to clean the inside of the scanner. Slide the brush through the scanner several times to clean it well. It is also very helpful to make sure that the films or negatives themselves are clear from any dust or smudging or it will reflect in the quality of the scanned image. Never handle the film with your hands. It is best to use a clean cloth when handling the film.

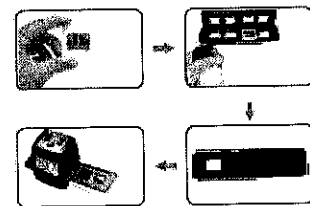
Loading Negatives:

Begin by locating your negative strip holders. There are two holders included. One is designed for film strips (marked Negatives) and one is designed for your slides. Use the one that best fits your needs. The holder can be opened by pulling the latch on the center of the holder. The holder will then be able to be opened flipping the top open. See illustration.

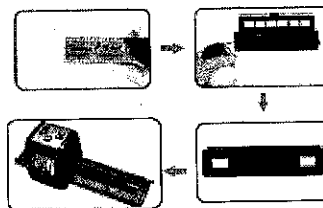
Once your holder is open lay your film strip in the holder with every frame opposite an open window of the holder. Be sure that the matt (dull) side of the negatives are facing you and the negative is right side up.

Once you have properly positioned your film strip in the holder, proceed by closing the holder and securing your film in place. Your film is now ready to be scanned.

Loading slide



Loading negative film



SCANNING—MEMORY

Scanning An Image:

To scan an image you will need to make sure that your scanner is in "CAPTURE MODE". The capture mode can be accessed from the main menu. If you are powering on your device you will be automatically in the main menu. Your device will skip to CAPTURE mode on its own after five seconds. Once in CAPTURE mode you will notice a camera icon on the left top corner of your screen. If you like the way your image appears on the screen then press the SCAN button. You will then be prompted to press the save button to store your image. Press OK to save

Important!

Once the image is captured, press the OK button to save the image onto the SD card or the internal memory.

Summary: While your image is displayed on the screen, press the SCAN button to scan the image and then press the OK button to save the image.

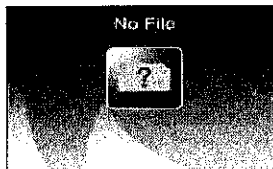
Memory:

Your scanner has the option of saving the scanned images to the scanner's built in memory or on an external memory card. If you would like your images to be stored on an external memory card, insert an SD/MMC (Secure Digital Multi-Media Card) into the film scanner. The slot for your SD/MMC cards is located on the back of the unit. If an SD/MMC card is in the slot the scanned images will automatically be saved to the SD card.

PLEASE NOTE THAT THE SCANNER DOES NOT INCLUDE AN SD CARD.

Memory Full:

Once the internal memory (128 MB) or the memory card is full, a Memory Full icon will appear on the screen if you attempt to scan a new image. If it is your memory card that it is full you will want to either replace it with a different card that has available memory or you can offload some of the images to your computer to make available space. If it is your internal memory that is full you will want to transfer the images from your scanner's memory onto your PC. At this point, you can download the image files to a PC or Mac by following the instructions in the EXPORTING IMAGES section.



SETTINGS & EDITING BEFORE SCANNING

Film Type Setup

Your device has to be setup for the correct film type that is being used before beginning. You will have to choose whether you are using slides or negatives or Black and White. To change the setting, locate the "Film Type" option in the main menu. Press the SCAN/MENU button twice to bring you to the main menu. Press the LEFT/RIGHT button until the Film Type icon appears in the center of the screen with the word "Film Type" shown below the icon. Press the OK button to access that selection. Once you accessed that selection you can use the RIGHT/LEFT button to select the film type you are using. Once you have highlighted the correct film type press the OK button to apply your selection.

After you have selected the correct film type your device will automatically go back into capture mode.

Changing the Brightness and Color:

Your scanner has the ability to adjust the color and the brightness of the image that appears on the screen. At any time during the capture mode you can press the OK button and the adjustment screen will appear.

EV = Brightness

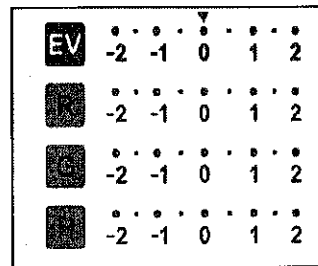
R= Red

G= Green

B= Blue.

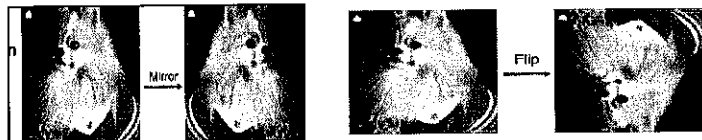
Move the red arrow right or left to adjust any of the settings. Once you have made the adjustment to that category press the OK button to apply and move on to the next category. Once you have adjust or confirmed all four categories the scanner will go back into capture mode.

On the right top corner of the screen there is a brightness indicator which tells you the current setting of the brightness.



Flipping and Mirror:

If any image requires mirroring or flipping before capture, press the LEFT to apply the Mirror affect (see illustration below). The live view will be adjusted accordingly (This step corrects user error when inserting the film). Press the LEFT button to flip the photo as in the illustration below. These adjustments can only be done while in CAPTURE mode before the image has been scanned, do alter the image before scanning.

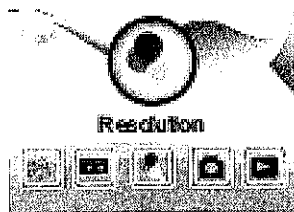


Once you are happy with your image on the screen, press SCAN and then OK to save.

Resolution:

The scanner has the ability to adjust the resolution as well. To adjust the resolution, press the SCAN/MENU button twice. Then press the LEFT/RIGHT button to select the Resolution mode. Press OK to choose access that menu. Next, use the LEFT or Right buttons to choose between 14MP or 22MP. Lastly, press the OK button to set the desired value you desire and return to the Capture Mode.

NOTE: The factory default value is 14MP.



VIEWING STORED IMAGES—DELETING

Playback Mode:

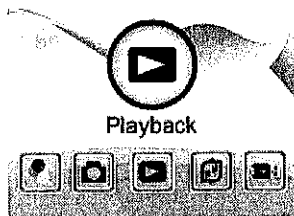
You can view the images that were scanned and saved on either the internal memory or on the SD card, by following the steps below. Press the SCAN/MENU button twice to bring you to the main menu.

The Main Menu will appear on the screen as shown here. Press the LEFT/RIGHT button until the playback icon appears in the center of the screen with the word "Playback" shown at the bottom of the screen. Press the OK button to begin playing all the stored images.

If there are no images stored when entering the Playback Mode, a No File symbol will show on the screen as shown in the illustration.

Please note: The scanner will automatically start playing the pictures from the SD card. If you would like the scanner to play the images saved on the internal memory then the SD card should be removed. When there is no SD card in the slot, the scanner will play images stored in the scanner's internal memory.

While in playback mode you can press the OK button to stop the pictures from playing. At that point the left and the right button can be used to skip forward or backwards to another picture.



Deleting a Picture:

While in viewing mode you have the ability to delete a picture. You will first need to Press the OK button to stop the playing. Press the OK button again and three icons will appear on the side of the screen. Use your left/right arrow to select between the three and press OK.

The first icon is an Exit Icon which will bring you back to Play back mode
The second icon is the delete icon.
Highlight the icon and press OK and the image will be deleted.

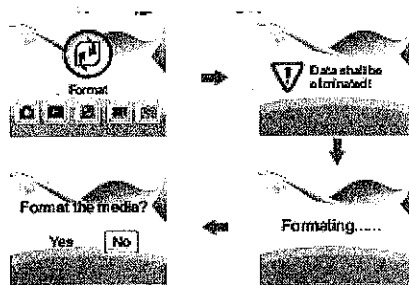
The third icon is the home icon. This icon will bring you back to main menu.



FORMATTING—LANGUAGE

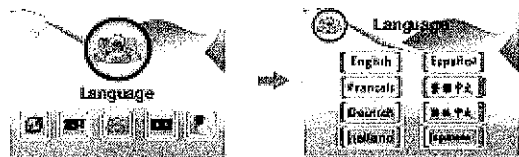
Formatting the internal memory card and SD Card:

At any time you have the ability to reformat your internal memory card and your inserted SD Card. Re-formatting will result in the deleting of all of your stored images. To reformat the memory, access the main menu by pressing the SCAN/MENU twice. Once in the main menu, use the right/left arrow to find the Format option. When the Format icon appears in the center of the screen press OK. Once in the Format menu you will be asked if you want to format the media or not. Use the right/left buttons to select yes or no. Once you have selected and highlighted selection press OK. You will have to wait a moment while the scanner is formatting. Once it is complete the screen will say "format is successful". It will then go back to the main menu on its own.



Language Settings:

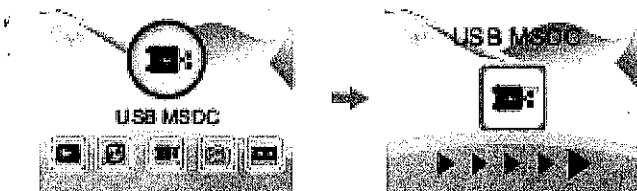
The scanner can be set to display all words in seven different languages. To change the language, access the main menu by pressing the SCAN/MENU twice. Once in the main menu, use the right/left arrow to find the language option. When the language icon appears in the center of the screen press OK. Once in the language setting use the right/left arrow to highlight and select the desired language. Press OK to confirm and apply your setting.



EXPORTING IMAGES

Transferring Stored Images:

At any time you can transfer your stored images to your PC or Mac. If your images are stored on a SD card simply remove the card and insert it into your computer. If you would like to transfer the images that are stored on the internal memory via a USB cable, follow the few steps below.



Begin by connecting your scanner via the included USB cable from your scanner to your PC or Mac. Connect the small end of the USB cable to the USB port on the back of the scanner, and the other end of the cable to a USB port on your PC or Mac. Be sure that both ends of the cable are connected well into both the scanner and the computer. You will then need to put your scanner into USB MSDC mode. To do so, access the main menu by pressing the SCAN/MENU twice. Once in the main menu, use the right/left arrow to find the USB icon. When the USB icon

appears in the center of the screen press OK. Once in the USB MSDC menu you will see arrows on the bottom of your screen which means the device is connecting to your computer. After a moment, your computer will assign a drive letter and the film scanner will become a mass storage device (similar to a flash drive). You then need to access that drive on your computer and transfer all the images to your computer.

NOTE: Images cannot be captured while in the USB mode. Images can only be stored while in the Capture Mode.

SD CARDS

As mentioned on previously, the scanner can either save scanned images to its internal memory or on to an SD CARD. (The Scanner does not include an SD Card) The SD card is inserted into the slot located on the back of the unit. It is important to know that if your SD card has been used already for some other use, (digital camera or files storage) it will not be properly recognized by the scanner for the purpose of saving scanned images. You will either have to use a new SD card or format your existing SD card.

To format your SD card please follow the steps in the FORMATTING section or follow the steps below.

IMPORTANT-FORMATTING YOUR SD CARD WILL ERASE ALL OF YOUR STORED PICTURES OR FILES PERMANENTLY.

PC—Begin by inserting your SD card into the SD reader. Some computers have it built in while some computers will require a card reader. Access "My Computer" by either left clicking the My Computer icon on your desktop by clicking on the start/menu button on the menu bar and then click the computer icon. Once you are in the my computer menu find the correct drive that identifies where the SD is inserted into. The drive will usually say "SD card". Right click on that drive and find option "format" in the drop down menu. Select and Left click format. The format window will appear and left click the Start button on the bottom of that window. You will then need to confirm your decision by clicking OK.

MAC—Begin by making sure that you SD card is inserted into the computer. You may need a card reader to insert your SD card into your card. Left click on the spotlight icon on the top right hand corner of the screen. Type in "Disk Utility" and press OK. Find the Disk utility option in the drop down menu and left click. The Disk utility window will open. On the left panel, find SD card and left click to select. On the right screen you will be given a few options. One of the options will be erase. Left click to select and reformat your SD card. You will be prompted to acknowledge your decision. Left click the ERASE button to confirm. Be careful to always "safe eject" your SD card before taking it out of the computer.