

Magnasonic FS70ST01

Magnasonic FS70ST01 25MP Film Scanner User Manual

Model: FS70ST01

1. INTRODUCTION

This manual provides comprehensive instructions for the Magnasonic FS70ST01 25MP Film Scanner. It details the setup, operation, maintenance, and specifications of the device, enabling users to convert various film and slide formats into high-resolution digital images.

2. WHAT'S INCLUDED

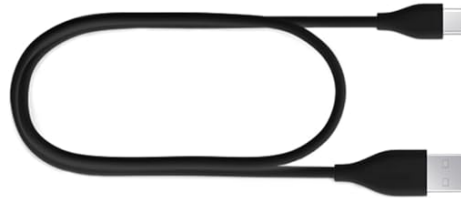
Carefully unpack the box and ensure all items are present:

- Magnasonic FS70 Film Scanner
- USB-A to USB-C Cable
- Long Tray 35mm Negative Film Holder (Set of 3)
- Super 8/8 mm Film Insert
- Cleaning Brush
- 110 Film Insert
- Slide Adapter
- Negative Film Adapter
- 110 Slide Insert

What's Included



FS70 Film Scanner



USB-A to USB-C Cable



Long Tray 35mm
Negative Film
Holder – Set of 3



Super 8/8 mm Film Insert



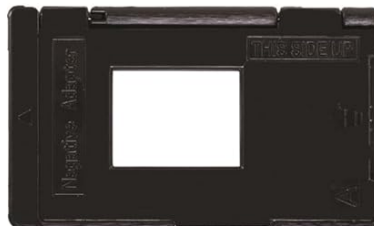
Cleaning Brush



110 Film Insert



Slide Adapter



Negative Film Adapter



110 Slide Insert

Figure 2.1: Included Components

This image displays all the components included with your Magnasonic FS70ST01 Film Scanner, ensuring you have everything needed for operation.

3. SETUP

3.1 Power Connection

Connect the scanner to a power source using the provided USB-A to USB-C cable. You can use a USB port on a computer or a 5V 1A USB wall adapter (not included).

3.2 SD Card Insertion (Optional)

For storing a large number of images, insert an SD card (up to 128GB, not included) into the SD card slot on the scanner.



Figure 3.1: Scanner Ports (USB, SD, HDMI)

This image highlights the connectivity options on the scanner, including the USB, SD card, and HDMI ports.

3.3 Turning On the Device

Press and hold the power button on the scanner for approximately 3 seconds to turn it on. The Magnasonic logo will appear on the 5-inch TFT color display.

Large, Bright 5" TFT LCD



Figure 3.2: 5-inch TFT Color Display

The image shows the scanner's 5-inch TFT color display, which is used for viewing images and navigating menus.

3.4 Video Guide: Setting Up and Scanning

For a visual guide on setting up and scanning with your FS70 Film Scanner, please watch the official video below:

Video 3.1: FS70 Film Scanner - Setting Up and Scanning

This video demonstrates the complete process of setting up the Magnasonic FS70 Film Scanner and performing scans of slides and negatives.

4. OPERATING INSTRUCTIONS

4.1 Selecting Film Type

Upon powering on, the scanner will display the 'FILM TYPE' menu. Press 'OK' to select. You will then choose between 'Negatives', 'Slides', or 'B&W' (Black & White) film. After selecting the film type, choose the size of the image on the film (e.g., 35mm, 110, 126).

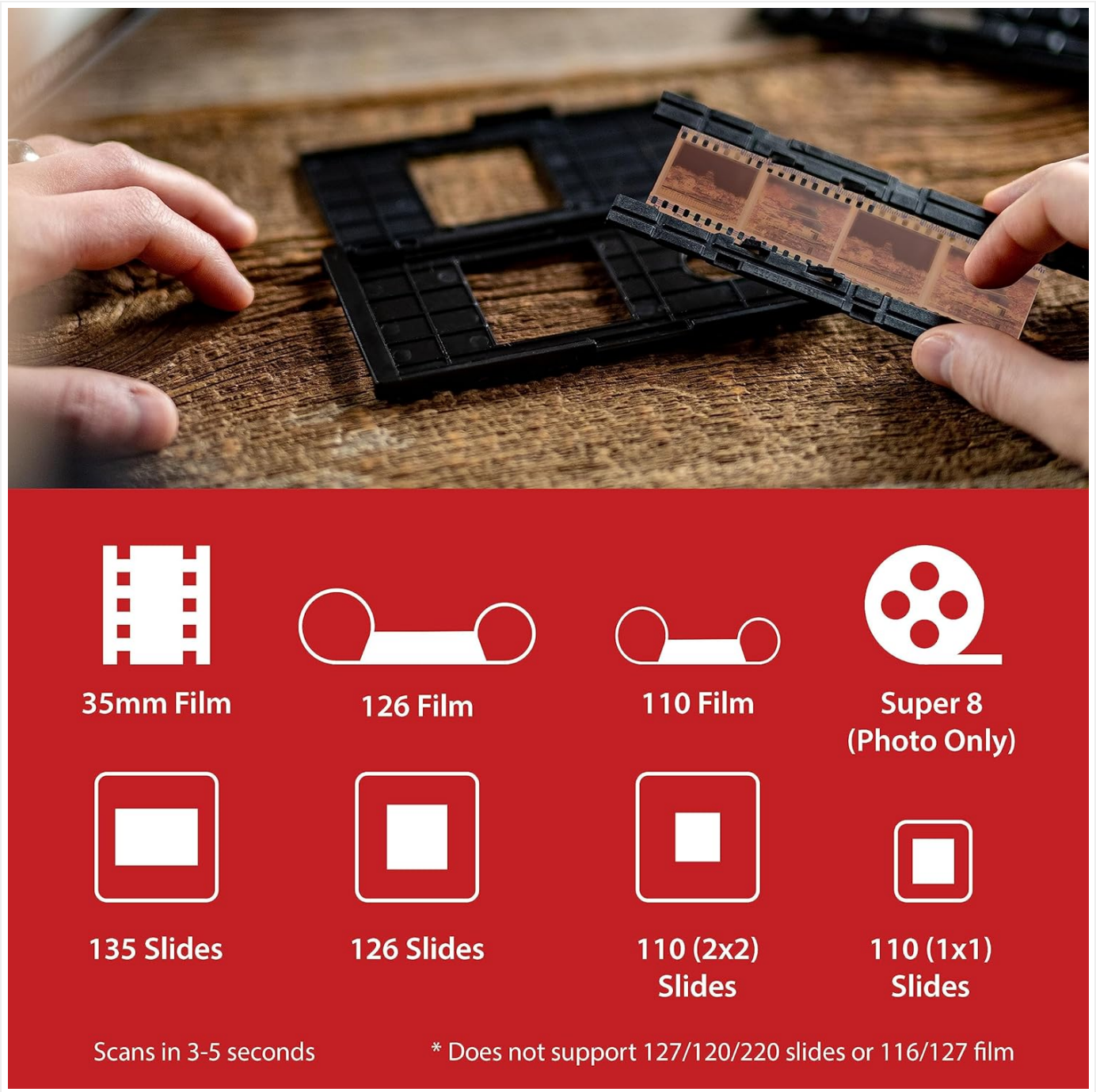


Figure 4.1: Supported Film and Slide Types

This diagram illustrates the different film and slide formats compatible with the scanner, including 35mm, 126, 110, and Super 8 film, as well as 135, 126, and 110 slides.

4.2 Inserting Film or Slides

Insert your film or slides into the appropriate film or slide adapter. For 110, 8mm, and Super 8 film, an insert is required to properly feed them into the adapter. Close the adapter securely.

MAGNASONIC

FILM SCANNERS




	FS70	FS71	FS81
			
DISPLAY	5.0" Color TFT Display	5.0" TFT LCD	2.31" Color LCD
RESOLUTION	13 Megapixels/ 25 Megapixels	16 Megapixels / 24 Megapixels (interpolation)	1080p (1440 x 1080)
SCAN QUALITY	3000 DPI/ 4300 DPI	3280 DPI & 4920 DPI (interpolation)	3.5 Megapixels
FILM TYPES	35mm film 110 film 126 film Super 8 film 135 slides 110 slides 126 slides	35mm film 110 film 126 film Super 8 film 135 slides 110 slides 126 slides	3", 5", & 7" Super 8/ 8mm reels
MEMORY	Up To 128GB SD Card	Up To 128GB SD Card	Up To 32GB SD Card

Figure 4.2: Slide Holders

The image displays the various slide holders provided, including a single-frame holder and a long tray holder for multiple slides, designed to simplify and speed up the scanning process.

4.3 Adjusting Image Orientation

Before scanning, you can adjust the image orientation. Use the arrow buttons on the scanner to flip or mirror the image as needed.

4.4 Adjusting EV and Color Settings

Press the 'OK' button before scanning to access the 'EV and Color setting' menu. Here, you can adjust the Exposure Value (EV) for brightness and individual Red (R), Green (G), and Blue (B) color levels. Use the left and right arrow buttons to navigate between settings and press 'OK' to select a setting to adjust. Use the arrow buttons to modify the value and press 'OK' to confirm changes.



Figure 4.3: Intuitive User Interface

This image shows the scanner's user-friendly interface, allowing for easy selection of film types and access to settings.

4.5 Scanning and Saving Images

Once the film is inserted and settings are adjusted, press the 'SCAN' button to capture the image. The image will be saved to the internal memory or the inserted SD card.



Figure 4.4: Scanned Image Quality

The image displays a high-quality scanned photo on the scanner's screen, demonstrating the clarity and detail of the digital conversion.

4.6 Transferring Images to a Computer

To transfer scanned images to a computer, connect the scanner to your computer using the USB cable. Turn on the scanner and select 'USB UPLOAD' from the main menu. The scanner will appear as a new storage device on your computer, allowing you to copy the images.

5. MAINTENANCE

5.1 Cleaning the Scanner and Film

If dust or debris appears in the image preview, remove the film or slide. Use the included cleaning brush to gently clean the film/slide and the scanner's film slot. Regular cleaning ensures optimal scan quality.

6. TROUBLESHOOTING

6.1 Inverted Colors or Black & White Preview

If the image preview shows inverted colors or appears in black and white when it should be color, you may need to adjust the film type setting. Navigate to the 'FILM TYPE' menu and ensure the correct option (Negatives, Slides, or B&W) is selected for the film you are scanning.

6.2 Blurry or Unclear Scans

Ensure the film or slide is clean and free of dust. Use the provided cleaning brush to remove any particles. Also, verify that the film or slide is correctly seated in its adapter and inserted properly into the scanner.

7. SPECIFICATIONS

Feature	Specification
Model Number	FS70ST01
Resolution	13 Megapixels / 25 Megapixels (Interpolated)
Display	5.0" Color TFT Display
Supported Film Types	35mm film, 110 film, 126 film, Super 8 film, 135 slides, 126 slides, 110 slides
Connectivity	HDMI, USB
Memory	128MB Built-in, expandable up to 128GB via SD card
Product Dimensions	15.71 x 5.35 x 3.82 inches
Item Weight	1.46 pounds
Wattage	5 watts
Optical Sensor Technology	CMOS
Minimum System Requirements	Windows 7



Figure 7.1: Product Dimensions

This image provides a visual representation of the scanner's physical dimensions.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Magnasonic website or contact their customer service. Keep your purchase receipt for warranty claims.