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› Fujifilm X-T20 Mirrorless Digital Camera Instruction Manual with XF18-55mm Lens

Fujifilm X-T20

Fujifilm X-T20 Mirrorless Digital Camera Instruction Manual

Model: X-T20 with XF18-55mmF2.8-4.0 R LM OIS Lens

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Fujifilm X-T20 Mirrorless Digital Camera, equipped with the XF18-55mmF2.8-4.0 R LM OIS Lens. The X-T20 features a 24.3MP X-Trans CMOS III APS-C sensor, an updated processor, a refined autofocus algorithm, and a tilting touchscreen LCD monitor. It also offers enhanced video capabilities, including 4K movie recording with Fujifilm's renowned film simulation modes.

1. SETUP

1.1 Unboxing and Package Contents

Before beginning, ensure all components are present in the package:

- Fujifilm X-T20 Camera Body
- XF18-55mmF2.8-4.0 R LM OIS Lens
- NP-W126S Li-ion Battery
- Battery Charger
- Shoulder Strap
- Instruction Manual (this document)
- U.S.A. Warranty Documentation

1.2 Charging and Installing the Battery

1. Insert the NP-W126S battery into the provided battery charger.
2. Connect the charger to a power outlet. The charging indicator will illuminate.
3. Once charging is complete (indicator off or changes color), remove the battery.
4. Open the battery compartment cover on the bottom of the camera.

5. Insert the charged battery into the compartment, ensuring correct orientation. Close the cover securely.

1.3 Attaching the Lens

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the white mounting mark on the lens with the white mounting mark on the camera body.
3. Mount the lens by rotating it clockwise until it clicks into place.
4. Remove the front lens cap.

1.4 Inserting a Memory Card

The camera supports SDXC flash memory cards.

1. Open the memory card slot cover on the side of the camera.
2. Insert the memory card with the label facing the front of the camera until it clicks into place.
3. Close the memory card slot cover.



Figure 1: Front view of the Fujifilm X-T20 camera with the XF18-55mm lens attached.

2. OPERATING THE CAMERA

2.1 Power On/Off

To power on the camera, slide the ON/OFF switch located on the top plate. To power off, slide it back to OFF.

2.2 Basic Photography Modes

The X-T20 offers various shooting modes accessible via the mode dial on the top of the camera:

- **AUTO:** Fully automatic mode for simple point-and-shoot operation.
- **P (Program AE):** Camera sets aperture and shutter speed for optimal exposure.
- **A (Aperture Priority AE):** You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **S (Shutter Priority AE):** You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **M (Manual):** You set both aperture and shutter speed.
- **Custom Modes (C1, C2):** Save your preferred settings for quick recall.



Figure 2: Top view of the Fujifilm X-T20, highlighting the mode dial, shutter speed dial, and exposure compensation dial.

2.3 Autofocus System

The X-T20 features an improved autofocus system with both phase detection and contrast detection points. You can select various AF modes:

- **Single Point AF:** Focus on a specific point.
- **Zone AF:** Select a zone of 3x3, 5x5, or 7x7 focus points.
- **Wide/Tracking AF:** Automatically selects focus points across a wide area or tracks moving subjects.

The 3.0" tilting touchscreen panel allows for intuitive autofocus point selection by touch, both for stills and video shooting.



Figure 3: Rear view of the Fujifilm X-T20, displaying the tilting touchscreen LCD and various control buttons.

2.4 Video Recording

The X-T20 is capable of recording 4K video (3840x2160) at 30p/25p/24p and Full HD (1920x1010) at up to 60p. You can utilize Fujifilm's film simulation modes during video recording. Video can be output to an external monitor via the HDMI port, and audio can be input from an external microphone.

To start recording, set the drive dial to the movie icon and press the shutter button.

2.5 Connectivity

The camera features Wi-Fi for wireless image transfer and remote control via a smartphone app. It also includes a USB 2.0 (High-Speed) / micro USB terminal and a Type D Micro HDMI port for wired connections.

3. MAINTENANCE

3.1 Cleaning the Camera and Lens

- Use a blower brush to remove dust from the lens and camera body.
- For stubborn smudges on the lens, use a lens cleaning solution and a microfiber cloth.
- Wipe the camera body with a soft, dry cloth. Avoid using harsh chemicals.

3.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Charge the battery fully before extended storage.

3.3 Storage

When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area, preferably with desiccant to prevent mold and mildew.

4. TROUBLESHOOTING

4.1 Common Issues and Solutions

- **Camera does not power on:** Ensure the battery is charged and correctly inserted.
- **Cannot take pictures:** Check if a memory card is inserted and has sufficient space. Ensure the lens is properly attached.
- **Images are blurry:** Verify focus settings (autofocus or manual focus). Check shutter speed to avoid motion blur, especially in low light.
- **Battery drains quickly:** Reduce screen brightness, turn off Wi-Fi when not in use, and limit continuous shooting.
- **Memory card error:** Reformat the memory card (this will erase all data). If the issue persists, try a different memory card.

For more complex issues, refer to the official Fujifilm support website or contact customer service.

5. SPECIFICATIONS

Feature	Detail
Model Name	Fujifilm X-T20
Sensor Type	24.3MP X-Trans CMOS III APS-C
Image Processor	X-Processor Pro
Lens Mount	Fujifilm X Mount
Included Lens	XF18-55mmF2.8-4.0 R LM OIS
ISO Range	200-12800 (Expanded: 100-51200)
Shutter Speed	Mechanical: 1/4000s - 30s; Electronic: 1/32000s - 30s
Continuous Shooting	Up to 8.0 fps (mechanical shutter), 14.0 fps (electronic shutter)
Video Resolution	4K (3840x2160) at 30p/25p/24p; Full HD (1920x1080) at up to 60p
LCD Monitor	3.0-inch Tilting Touchscreen LCD (920,000 dots)
Viewfinder	0.39-inch OLED (2,360,000 dots)
Connectivity	Wi-Fi, USB 2.0 (Micro-B), HDMI (Type D Micro)
Battery	NP-W126S Li-ion
Dimensions (W x H x D)	Approx. 118.4 x 82.8 x 41.4 mm (4.66 x 3.26 x 1.63 in.)
Weight	Approx. 383g (13.5 oz.) including battery and memory card
UPC	074101032260

6. WARRANTY AND SUPPORT

6.1 Warranty Information

The Fujifilm X-T20 comes with a U.S.A. Warranty. Please refer to the included warranty documentation for specific terms and conditions. Note that some listings may indicate "No Warranty" if purchased from unauthorized resellers or outside the standard distribution channels.

6.2 Customer Support

For further assistance, technical support, or to explore additional products and accessories, please visit the official Fujifilm website or their Amazon store:

[Visit the Fujifilm Store on Amazon](#)

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