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› Fujifilm X-T20 Mirrorless Digital Camera User Manual

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Fujifilm X-T20 Mirrorless Digital Camera User Manual

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

INTRODUCTION

The Fujifilm X-T20 is a compact and lightweight mirrorless digital camera featuring an updated 24.3MP X-Trans CMOS III APS-C sensor and X-Processor Pro. It includes a reworked autofocus algorithm and a tilting touchscreen LCD monitor, offering enhanced video functionality with 4K movie capture and Fujifilm's popular film simulation modes.



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

GETTING STARTED

Package Contents

Your Fujifilm X-T20 package typically includes:

- Fujifilm X-T20 Camera Body
- XF18-55mmF2.8-4.0 R LM OIS Lens
- NP-W126S Battery
- Battery Charger
- Shoulder Strap
- USB Cable
- User Manual

Battery and Memory Card

Before first use, fully charge the NP-W126S battery using the provided charger. Insert the charged battery into the camera's battery compartment. For optimal performance, use a UHS-I type, Class 3 SD memory card with at least 64GB of storage capacity. Insert the memory card into the designated slot.

Video 1: A 'Getting Started' guide for the Fujifilm X-T20, demonstrating initial setup steps including battery and memory card installation, and an overview of key features.

Attaching the Lens

Align the white dot on the lens with the white dot on the camera body. Rotate the lens clockwise until it clicks into place. To remove the lens, press the lens release button on the camera body and rotate the lens counter-clockwise.

Initial Camera Settings

Upon first power-on, you will be prompted to set the date, time, and language. Follow the on-screen instructions to configure these basic settings.

BASIC OPERATION

Understanding Controls

The X-T20 features intuitive external dials for quick access to exposure settings. The top plate includes dials for shutter speed, ISO, and exposure compensation. The front and rear command dials can be customized for various functions.



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

Shooting Modes

The camera offers various shooting modes:

- **AUTO Mode:** For beginners, the camera automatically selects optimal settings. Activate via the switch on the top plate.
- **Program (P) Mode:** Camera sets aperture and shutter speed for optimal exposure.
- **Shutter-Priority (S) Mode:** You set the shutter speed, camera sets aperture.
- **Aperture-Priority (A) Mode:** You set the aperture, camera sets shutter speed.
- **Manual (M) Mode:** You control both aperture and shutter speed.
- **Custom (C) Mode:** Save and recall your preferred settings.

Autofocus System

The X-T20 features an advanced autofocus system with 91 points. For best performance, use AF-S mode with face detection enabled for still subjects. The tilting touchscreen allows for touch autofocus, letting you tap to select your focus point when shooting with the rear LCD. The 4-way controller can also be customized for direct autofocus point positioning when using the viewfinder.



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

Image Quality Settings

The camera offers excellent JPEG image quality with various Film Simulation modes (e.g., Velvia, Acros, Classic Chrome) for creative effects. For maximum control over image quality and post-processing, shoot in RAW mode. This captures more data from the 24.3-megapixel sensor, allowing for greater flexibility during editing.

ADVANCED FEATURES

4K Video Recording

The X-T20 is capable of recording 4K video at up to 30 frames per second (30p). Utilize the tilting LCD screen to compose your shots and set focus during video recording. You can also output recorded video to an external monitor via the HDMI port and input audio from an external microphone.

Wi-Fi Connectivity

The camera features built-in Wi-Fi. Download the Fujifilm Camera Remote mobile app to connect your X-T20 to your smartphone or tablet. This allows for quick image transfer directly from the camera to your device for sharing, as well as remote control of the camera.

MAINTENANCE

Cleaning

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water or lens cleaner.
- **Lens:** Use a lens blower to remove dust, then gently wipe with a microfiber lens cloth. Avoid touching the glass directly.
- **Sensor:** Sensor cleaning should be performed by a qualified service technician to avoid damage.

Battery Care

To prolong battery life, avoid exposing the battery to extreme temperatures. Store batteries in a cool, dry place when not in use. Fully charge batteries before extended storage and recharge every six months.

Storage

When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area, ideally in a camera bag with desiccant packs to prevent moisture buildup.

TROUBLESHOOTING

If you encounter issues with your Fujifilm X-T20, consider the following common solutions:

- **Camera not powering on:** Ensure the battery is charged and correctly inserted.
- **Memory card error:** Check if the memory card is inserted correctly and is not full or corrupted. Try reformatting the card (this will erase all data).
- **Autofocus issues:** Ensure the lens is properly attached and the AF mode is suitable for your subject. Clean lens contacts if necessary.
- **Image quality concerns:** Check your shooting mode and image quality settings (JPEG/RAW, ISO, aperture, shutter speed).

For more complex issues, refer to the detailed troubleshooting section in the full user manual or contact Fujifilm support.

SPECIFICATIONS

Feature	Specification
Sensor Type	24.3MP APS-C X-Trans CMOS III
Image Processor	X-Processor Pro
Lens Mount	Fujifilm X Mount

Feature	Specification
Included Lens	XF18-55mmF2.8-4.0 R LM OIS
Autofocus System	91-point (Phase Detection & Contrast Detection)
ISO Sensitivity	Expanded ISO 100-51200
Shutter Speed	1/4000s (Mechanical), 1/32000s (Electronic)
Continuous Shooting	Up to 8 FPS (Mechanical), 14 FPS (Electronic)
Video Recording	4K (3840x2160) at 30p/25p/24p, Full HD (1920x1080) at 60p/50p/30p/25p/24p
LCD Monitor	3.0-inch Tilting Touchscreen LCD (920,000 dots)
Viewfinder	0.39-inch OLED Electronic Viewfinder (2,360,000 dots)
Connectivity	Wi-Fi, HDMI (Type D Micro), USB 2.0
Storage Media	SD/SDHC/SDXC (UHS-I compatible)
Dimensions (W x H x D)	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

WARRANTY AND SUPPORT

Warranty Information

The Fujifilm X-T20 is sold with no explicit warranty mentioned in the product details. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions.

Customer Support

For further assistance, technical support, or service inquiries, please visit the official Fujifilm website or contact their customer service department. You can find contact information and FAQs on the [Fujifilm Global Website](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question