

DIGITAL CAMERA

X-T2

New Features Guide

Version 4.20








Features added or changed as a result of firmware updates may no longer match the descriptions in the documentation supplied with this product. Visit our website for information on the updates available for different products:











http://www.fujifilm.com/support/digital_cameras/software/fw_table.html




Contents

X-T2 firmware version 4.20 adds or updates the features listed below. For the latest manual, visit the following website.

<http://fujifilm-dsc.com/en/manual/>

No.	Description	X-T2 	See 	Ver.
1	To view separate RGB histograms and a display showing areas of the frame that will be overexposed at current settings superimposed on the view through the lens, press the function button to which HISTOGRAM is assigned.	22	1	3.00
2	The focus stick can be used to change focus areas when the display is zoomed in during checking focus.	83	2	*
3	A  FOCUS BKT item has been added to drive modes.	95, 97	3	4.10
4	A  FOCUS BKT option has been added to  SHOOTING SETTING > DRIVE SETTING > BKT SETTING > BKT SELECT in the shooting menu.	150	4	4.10
5	A FOCUS BKT option has been added to  SHOOTING SETTING > DRIVE SETTING > BKT SETTING in the shooting menu.	150	5	4.10
6	A FLICKER REDUCTION option has been added to  SHOOTING SETTING in the shooting menu.	155	7	4.10

No.	Description	X-T2 	See 	Ver.
7	A FULL HD HIGH SPEED REC option has been added to  MOVIE SETTING in the shooting menu.	167	8	4.10
8	A PERIPHERAL LIGHT CORRECTION (MOVIE) option has been added to  MOVIE SETTING in the shooting menu.	167	9	4.10
9	Changes have been made to the content of the  MOVIE SETTING > 4K MOVIE OUTPUT option in the shooting menu.	168	10	4.10
10	A FULL HD MOVIE OUTPUT option has been added to  MOVIE SETTING in the shooting menu.	168	11	4.10
11	A histogram has been added to the photo information that can be displayed by pressing the selector up during full-frame playback.	175	12	3.00
12	An APERTURE UNIT FOR CINEMA LENS option has been added to  SCREEN SETTING in the setup menu.	221	13	4.10
13	LARGE INDICATORS MODE(EVF) and LARGE INDICATORS MODE(LCD) options have been added to  SCREEN SETTING in the setup menu.	222	14 15	4.10
14	A LARGE INDICATORS DISP. SETTING option has been added to  SCREEN SETTING in the setup menu.	222	16	4.10
15	A SELECT FOLDER option has been added to  SAVE DATA SETTING in the setup menu.	241	17	4.20

No.	Description	X-T2 	See 	Ver.
16	The  CONNECTION SETTING > PC SHOOT MODE option in the setup menu has changed to PC CONNECTION MODE .	247	18	3.00
17	Third-party studio flash commanders compatible with the FUJIFILM flash system can now be used.	265	20	3.00
18	In addition to the instax SHARE printers listed in "Accessories from FUJIFILM", the camera now supports the SP-3.	307	21	3.00



The asterisks in the "Ver." column indicate features available in earlier versions; only the descriptions in the manual have been changed.

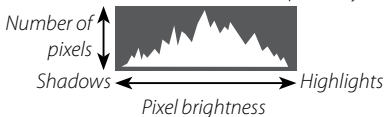
Changes and Additions

Changes and additions are as follows.

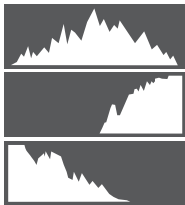
X-T2 (Version 2.10) Owner's Manual: 22 Ver. 3.00 Customizing the Standard Display

Histograms

Histograms show the distribution of tones in the image. Brightness is shown by the horizontal axis, the number of pixels by the vertical axis.

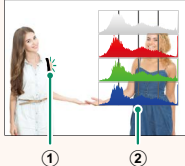


- **Optimal exposure:** Pixels are distributed in an even curve throughout the tone range.
- **Overexposed:** Pixels are clustered on the right side of the graph.
- **Underexposed:** Pixels are clustered on the left side of the graph.



To view separate RGB histograms and a display showing areas of the frame that will be overexposed at current settings superimposed on the view through the lens, press the function button to which **HISTOGRAM** is assigned.

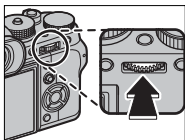
- ① Overexposed areas blink
- ② RGB histograms



The Focus-Point Display

Checking Focus

To zoom in on the current focus area for precise focus, press the control to which focus zoom has been assigned (at default settings, the center of the rear command dial). Press the control again to cancel zoom.



Normal display










Focus zoom



In focus mode **S**, zoom can be adjusted by rotating the rear command dial when **STANDARD** or **FOCUS PEAK HIGHLIGHT** is selected for **AF/MF AF/MF SETTING > MF ASSIST**. Focus area selection using the focus stick is available during focus zoom. Focus zoom is not available in focus mode **C** or when **AF/MF AF/MF SETTING > PRE-AF** is on or an option other than **SINGLE POINT** is selected for **AF MODE**.

Use **AF/MF BUTTON/DIAL SETTING > Fn/AE-L/AF-L BUTTON SETTING** to change the function performed by the center of the command dial or assign its default function to other controls.







Bracketing



- 2 Navigate to **DRIVE SETTING** in the  **SHOOTING SETTING** menu and select  **AE BKT**,  **ISO BKT**,  **FILM SIMULATION BKT**,  **WHITE BALANCE BKT**,  **DYNAMIC RANGE BKT**, or  **FOCUS BKT**.

FOCUS BKT

Each time the shutter button is pressed, the camera takes a series of photos, varying focus with each shot. The number of shots, the amount focus changes with each shot, and the interval between shots can be selected using **SHOOTING SETTING > DRIVE SETTING > BKT SETTING > FOCUS BKT**.

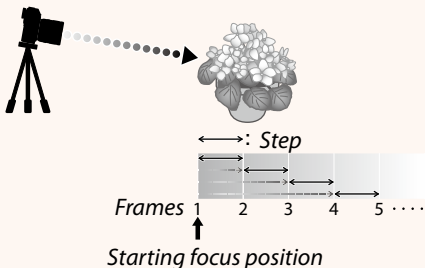
X-T2 (Version 2.10) Owner's Manual: 150 Ver. 4.10
BKT SETTING

Option	Description
BKT SELECT	Choose from  AE BKT,  ISO BKT,  FILM SIMULATION BKT,  WHITE BALANCE BKT,  DYNAMIC RANGE BKT, and  FOCUS BKT.

Option	Description		
FOCUS BKT	The following settings are available when BKT SELECT is chosen for  FOCUS BKT .		
	<table border="1"> <thead> <tr> <th data-bbox="324 326 484 360">Option</th> <th data-bbox="484 326 951 360">Description</th> </tr> </thead> </table>	Option	Description
	Option	Description	
	FRAMES	Choose the number of shots.	
	STEP	Choose the amount focus changes with each shot.	
INTERVAL	Choose the interval between shots.		
 <ul style="list-style-type: none"> • Do not adjust zoom during shooting. • The supplied flash does not fire. 			

Focus and FRAMES/STEP

The relation between focus and the options chosen for **FRAMES** and **STEP** is shown in the illustration.



- Focus proceeds from the starting position toward infinity.
- Small **STEP** values translate to small changes in focus, larger values to larger changes.
- Regardless of the option chosen for **FRAMES**, shooting ends when focus reaches infinity.

Select **ON** to reduce flicker in pictures and the display when shooting under fluorescent lighting and other similar light sources.













Options	
ON	OFF




Enabling flicker reduction disables the electronic shutter and increases the time needed to record pictures.

X-T2 (Version 2.10) Owner's Manual: 167 Ver. 4.10
FULL HD HIGH SPEED REC

Record high-frame-rate Full HD movies that play back in slow motion, giving you time to view fast-moving subjects or details too fleeting for the naked eye: a batter's swing, darting insects, or swiftly-flowing waters.




Option	Description
2x  59.94P 	Record Full HD footage at 2x, 4x, or 5x speed and frame rates of 120 or 100 fps. The movies play back at 1/2, 1/4, or 1/5 speed. Maximum recording length is 6 minutes.
2x  50P 	
4x  29.97P 	
4x  25P 	
5x  24P 	
5x  23.98P 	
OFF	

 High-speed movies are recorded with no sound.













X-T2 (Version 2.10) Owner's Manual:  167 Ver. 4.10
PERIPHERAL LIGHT CORRECTION (MOVIE)

Select **ON** to enable peripheral illumination correction during movie recording.



Options	
ON	OFF

 Select **OFF** if you notice banding in movies recorded using this option. If **ON** is selected when a lens that does not transmit data to the camera is attached using a FUJIFILM M MOUNT ADAPTER (available separately), peripheral illumination will be adjusted according to the option selected for  **SHOOTING SETTING > MOUNT ADAPTER SETTING > PERIPHERAL ILLUMINATION CORRECTION** in the shooting menu ( 159).







Choose the destination for 4K movies shot while the camera is connected to an HDMI recorder or other device that supports 4K.

Option	Description
 	4K movies are recorded to a camera memory card in 4K and output to the HDMI device in Full HD.
 	4K movies are output to the HDMI device in 4K and recorded to the camera memory card in Full HD.
 — 	4K movies are output to the HDMI device in 4K. The camera does not record 4K movies to a memory card.
F-Log   — *	4K movies are recorded to a camera memory card in 4K but are not output to the HDMI device.
F-Log  	4K movies are output to the HDMI device in 4K and are recorded to the camera memory card in Full HD.
F-Log  — 	4K movies are output to the HDMI device in 4K. The camera does not record 4K movies to a memory card.



* Movies shot with an **F-Log** option are recorded using a gentle gamma curve with a wide gamut, suitable for footage intended for post-production processing. The minimum value for sensitivity is ISO 800.

 This option is only available when  is selected for **MOVIE SETTING > MOVIE MODE** in the shooting menu.

Choose the destination for Full HD movies shot while the camera is connected to an HDMI device.

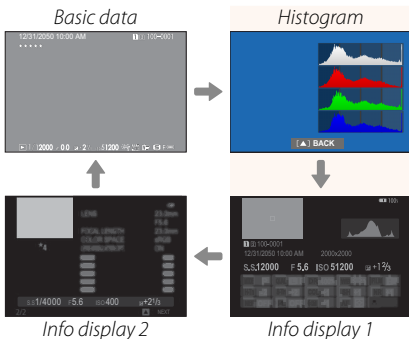
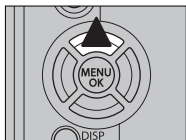
Option	Description
 	Full HD movies are output to the HDMI device and recorded to the camera memory card.
 	Full HD movies are not recorded to the camera memory card but are output to the HDMI device.
F-Log   *	Full HD movies are recorded to a camera memory card in Full HD but are not output to the HDMI device.

* Movies shot with an **F-Log** option are recorded using a gentle gamma curve with a wide gamut, suitable for footage intended for post-production processing. The minimum value for sensitivity is ISO 800.

 This option is only available when  is selected for **MOVIE SETTING > MOVIE MODE** in the shooting menu.

Viewing Photo Information

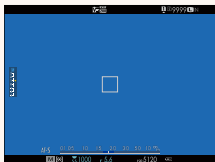
The photo information display changes each time the selector is pressed up.



Choose whether the camera displays aperture as a T-number (used for movie camera lenses) or an f/-number (used for still camera lenses) when an optional FUJINON MKX-series lens is attached. For information on using cinema lenses, see the documentation provided with the lens.

Option	Description
T NUMBER	A measure of lens aperture commonly used by cinematographers. Lens transmittance is taken into account to better calculate exposure.
F NUMBER	A measure of lens aperture commonly used by photographers. Lens transmittance is assumed to be 100%, meaning that the same aperture may produce different exposures depending on the lens.

Select **ON** to display large indicators in the electronic viewfinder. The indicators displayed can be selected using **SCREEN SETTING > LARGE INDICATORS DISP. SETTING**.



OFF



ON

! Some icons are not displayed when **ON** is selected for **LARGE INDICATORS MODE(EVF)**, including:

- Focus indicator
- Focus mode
- Distance indicator
- Recording level
- IS mode
- AF+MF indicator
- Control lock

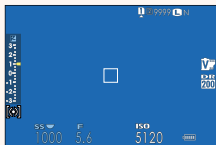
📄 If **LARGE INDICATORS MODE** is assigned to a function button, the button can be used to toggle **LARGE INDICATORS MODE** on (**ON**) and off (**OFF**) (📖 226, 256).

X-T2 (Version 2.10) Owner's Manual: 222 Ver. 4.10 LARGE INDICATORS MODE(LCD)

Select **ON** to display large indicators in the LCD monitor. The indicators displayed can be selected using **SCREEN SETTING > LARGE INDICATORS DISP. SETTING**.



OFF



ON



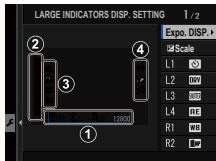
Some icons are not displayed when **ON** is selected for **LARGE INDICATORS MODE(LCD)**, including:

- Focus indicator
- Focus mode
- Distance indicator
- Recording level
- IS mode
- AF+MF indicator
- Control lock



If **LARGE INDICATORS MODE** is assigned to a function button, the button can be used to toggle **LARGE INDICATORS MODE** on (**ON**) and off (**OFF**) (226, 256).

Choose the indicators displayed when **ON** is selected for **SCREEN SETTING > LARGE INDICATORS MODE(EVF)** or **LARGE INDICATORS MODE(LCD)**.




Option	Description
① Expo. DISP.	Choose the items listed at the bottom of the display. Selected items are indicated by check marks (☑); to deselect, highlight the check marks and press MENU/OK .
② Scale	Select ON to display the exposure indicator.
③ L1, L2, L3, L4	Choose up to four large icons for display on the left side of the screen.
④ R1, R2, R3, R4	Choose up to four large icons for display on the right side of the screen.

SELECT FOLDER

Create folders and choose the folder used to store subsequent pictures.

Option	Description
SELECT FOLDER	To choose the folder in which subsequent pictures will be stored, press the selector up or down to highlight an existing folder and press MENU/OK .
CREATE FOLDER	Enter a five-character folder name to create a new folder in which to store subsequent pictures.

Adjust settings for connection to a computer.

Option	Description
USB CARD READER	Connecting the camera to a computer via USB automatically enables data transfer mode, allowing data to be copied to the computer. The camera functions normally when not connected.
USB TETHER SHOOTING AUTO	Connecting the camera to a computer via USB automatically enables tethered shooting mode. You can also use FUJIFILM X Acquire to save and load camera settings, allowing you to reconfigure the camera in an instant or share settings with other cameras of the same type. The camera functions normally when not connected.
USB TETHER SHOOTING FIXED	The camera functions in tethered shooting mode even when not connected to a computer. At default settings, pictures are not saved to the memory card, but pictures taken while the camera is not connected will be transferred to the computer when it is connected.
WIRELESS TETHER SHOOTING FIXED	Choose this option for wireless remote photography. Select a network using  CONNECTION SETTING > WIRELESS SETTINGS .

Option	Description
USB RAW CONV./ BACKUP RESTORE	<p>Connecting the camera to a computer via USB automatically enables USB RAW conversion/backup restore mode. The camera functions normally when not connected.</p> <ul style="list-style-type: none"> • USB RAW CONV. (requires FUJIFILM X RAW STUDIO): Use the camera's image processing engine to rapidly convert RAW files to high-quality JPEG images. • BACKUP RESTORE (requires FUJIFILM X Acquire): Save and load camera settings. Reconfigure the camera in an instant or share settings with other cameras of the same type.



POWER MANAGEMENT > AUTO POWER OFF also apply during tethered shooting. Select **OFF** to prevent the camera turning off automatically.



Tethered shooting is available with software such as Hyper-Utility Software HS-V5 (available separately) or FUJIFILM X Acquire (available for free download from the FUJIFILM website) or when the FUJIFILM Tether Shooting Plug-in PRO or Tether Shooting Plug-in (both available separately) is used with Adobe® Photoshop® Lightroom®.

Third-party studio flash commanders compatible with the FUJIFILM flash system can now be used. For more information, see the documentation provided your studio flash unit.

instax SHARE printers

SP-1/SP-2/SP-3: Connect via wireless LAN to print pictures on instax film.

FUJIFILM

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052, JAPAN

http://www.fujifilm.com/products/digital_cameras/index.html

