

# **How to get the 4K upgrade CBKZ-X70FX for PXW-X70**

## CBKZ-X70FX: the 4K upgrade option for PXW-X70

The CBKZ-X70FX upgrade license provides support for 4K QFHD XAVC Long GOP shooting at 30p/25p/24p, allowing the PXW-X70 to capture scenes with stunning quality and at high resolution.

Furthermore, for projects finalised in HD, 4K recording greatly expands the creative possibilities by enabling digital panning, camera-shake correction and other post-production effects.



# 4K

## Summary of Process

This guide describes the process in detail on how to get the 4K upgrade CBKZ-X70FX for PXW-X70.

For installation follow these STEPS: [Troubelshooting FAQs are at the end.]

STEP 1 - Download and install the new Firmware Version 2.0 (or higher) to PXW-X70.

STEP 2 - CBKZ-X70FX: Purchase from Sony official dealers.

STEP 3 - Register with the dedicated website “eCSite”: <https://www.ecspert.sony.biz/>.

STEP 4 - Acquire and download the Install file – access the eCSite with Access Code and CBKZ-X70FX Purchase Key.

STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

## Process in Detail

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STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

### Notes:

- To use the 4K (QFHD) recording function, the software version of the PXW-X70 needs to be Version 2.0 (or higher). Confirm the software version of the camcorder you are using.
- To confirm the software version, operate the camcorder as follows:  
Press the MENU button > select the  (OTHERS) menu > [VERSION DISPLAY].
- When the software version is earlier than Version 2.0, update the software first.  
For details on how to update, see the Sony Website for professional products.

## STEP 1 – Download and install the new Firmware Version 2.0 (or higher) to PXW-X70

1. Go to the Sony Professional products website home page:

Europe, Middle East, and Africa: <http://www.pro.sony.eu>

Canada: <http://www.sonybiz.ca>

Latin America: <http://sonypro-latin.com>

Japan: <http://www.sonybsc.com>

Asia Pacific: <http://pro.sony-asia.com>

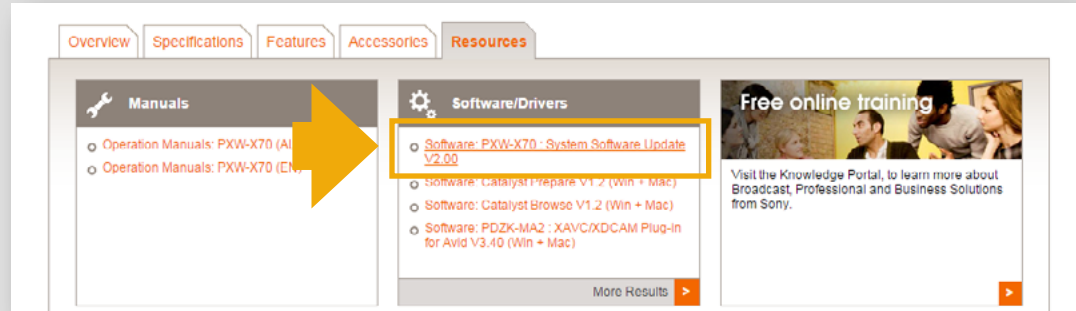
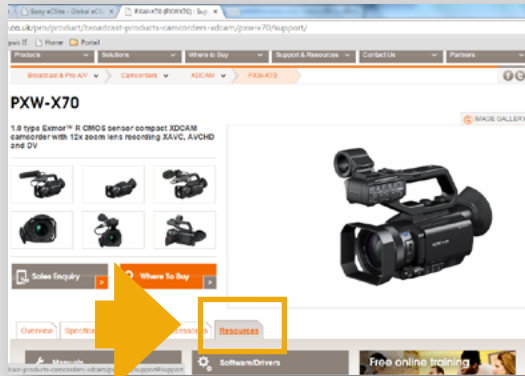
Korea: <http://bp.sony.co.kr>

China: <http://pro.sony.com.cn>

U.S.A.: <http://pro.sony.com>

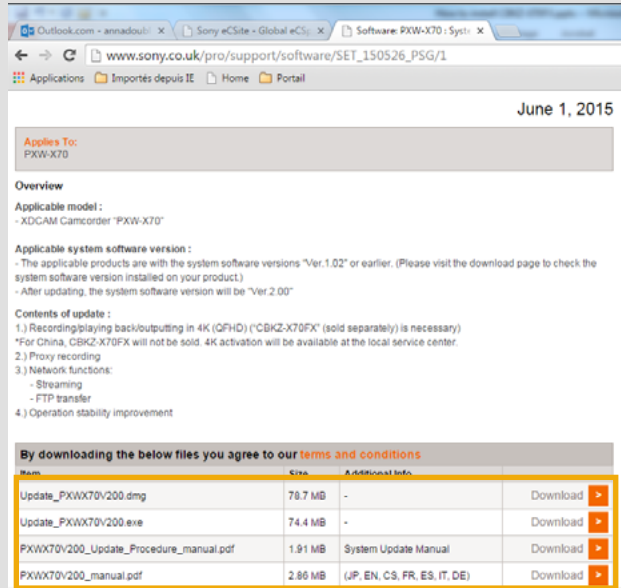
## STEP 1 – Download and install the new Firmware Version 2.0 (or higher) to PXW-X70

2. Search for the **PXW-X70** product page.
3. Click on the Resources tab and select **“Software: PXW-X70 : System Software Update V2.00”**.



## STEP 1 – Download and install the new Firmware Version 2.0 (or higher) to PXW-X70

4. Download the System Update Manuals: [PXWX70V200\\_Update\\_Procedure\\_manual](#) / [PXWX70V200\\_manual.pdf](#)
5. For MAC users download: [Update\\_PXWX70V200.dmg](#)
6. For PC users download: [Update\\_PXWX70V200.exe](#)



June 1, 2015

Applies To:  
PXW-X70





**Overview**

Applicable model:  
- XDCAM Camcorder "PXW-X70"

Applicable system software version:  
- The applicable products are with the system software versions "Ver.1.02" or earlier. (Please visit the download page to check the system software version installed on your product.)  
- After updating, the system software version will be "Ver.2.00"

Contents of update:  
1.) Recording/playing back/outputting in 4K (QFHD) ("CBKZ-X70FX" (sold separately) is necessary)  
\*For China, CBKZ-X70FX will not be sold. 4K activation will be available at the local service center.  
2.) Proxy recording  
3.) Network functions:  
- Streaming  
- FTP transfer  
4.) Operation stability improvement

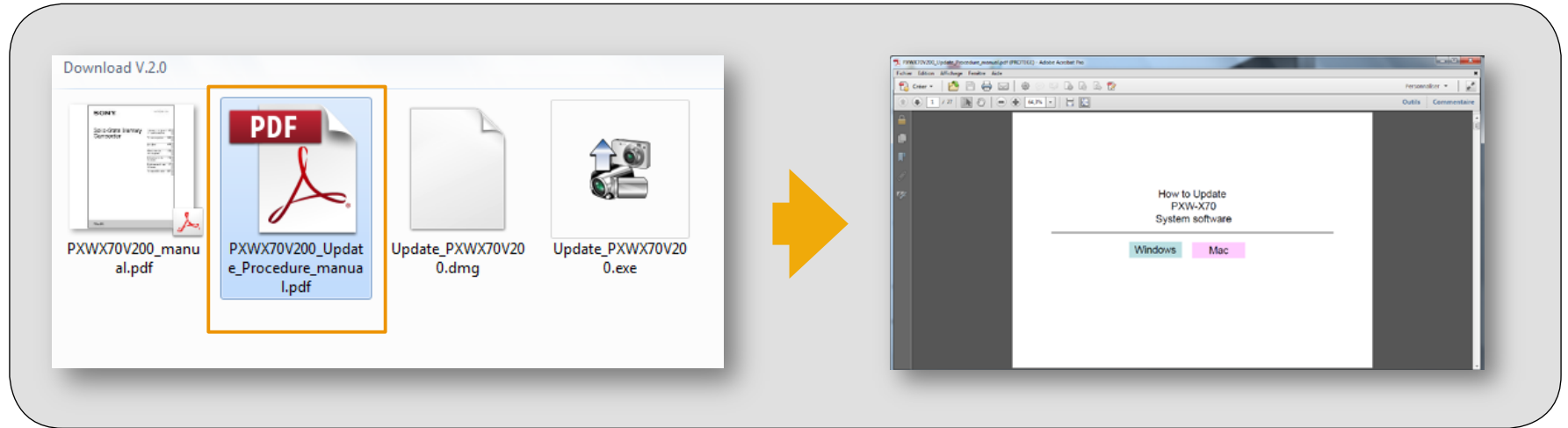
By downloading the below files you agree to our [terms and conditions](#)

Item	Size	Additional Info	
Update_PXWX70V200.dmg	70.7 MB	-	Download 
Update_PXWX70V200.exe	74.4 MB	-	Download 
PXWX70V200_Update_Procedure_manual.pdf	1.91 MB	System Update Manual	Download 
PXWX70V200_manual.pdf	2.86 MB	(JP, EN, CS, FR, ES, IT, DE)	Download 



## STEP 1 – Download and install the new Firmware Version 2.0 (or higher) to PXW-X70

7. Read carefully and follow the instructions from: [PXWX70V200\\_Update\\_Procedure\\_manual.pdf](#)





## Process in Detail

STEP 1 - Download and install the new Firmware Version 2.0 (or higher) to PXW-X70.

STEP 2 - CBKZ-X70FX: Purchase from Sony official dealers.

STEP 3 - Register with the dedicated website “eCSite”: <https://www.ecspert.sony.biz/>.

STEP 4 - Acquire and download the Install file - access the eCSite with Access Code and CBKZ-X70FX Purchase Key.

STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

## STEP 2 – CBKZ-X70FX: Purchase from Sony official dealers

1. Purchase CBKZ-X70FX from Sony official dealers.
2. Make a note of the **CBKZ-X70FX Purchase Key number**, written on SOFTWARE PURCHASE KEY NOTIFICATION of CBKZ-X70FX box.



## Process in Detail

STEP 1 - Download and install the new Firmware Version V.2.0 to PXW-X70.

STEP 2 - CBKZ-X70FX: Purchase from Sony official dealers.

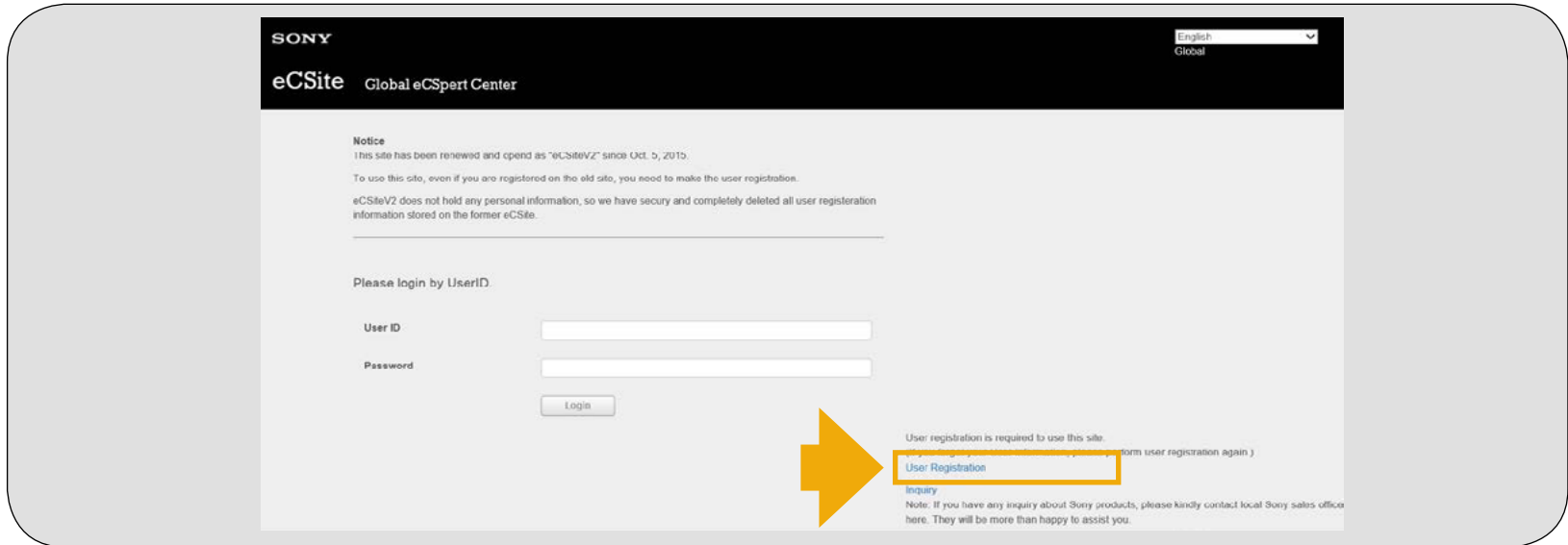
STEP 3 - Register with the dedicated website “eCSite”: <https://www.ecspert.sony.biz/>.

STEP 4 - Acquire and download the Install file - access the eCSite with Access Code and CBKZ-X70FX Purchase Key.

STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

## STEP 3 – CBKZ-X70FX: eCSite Registration

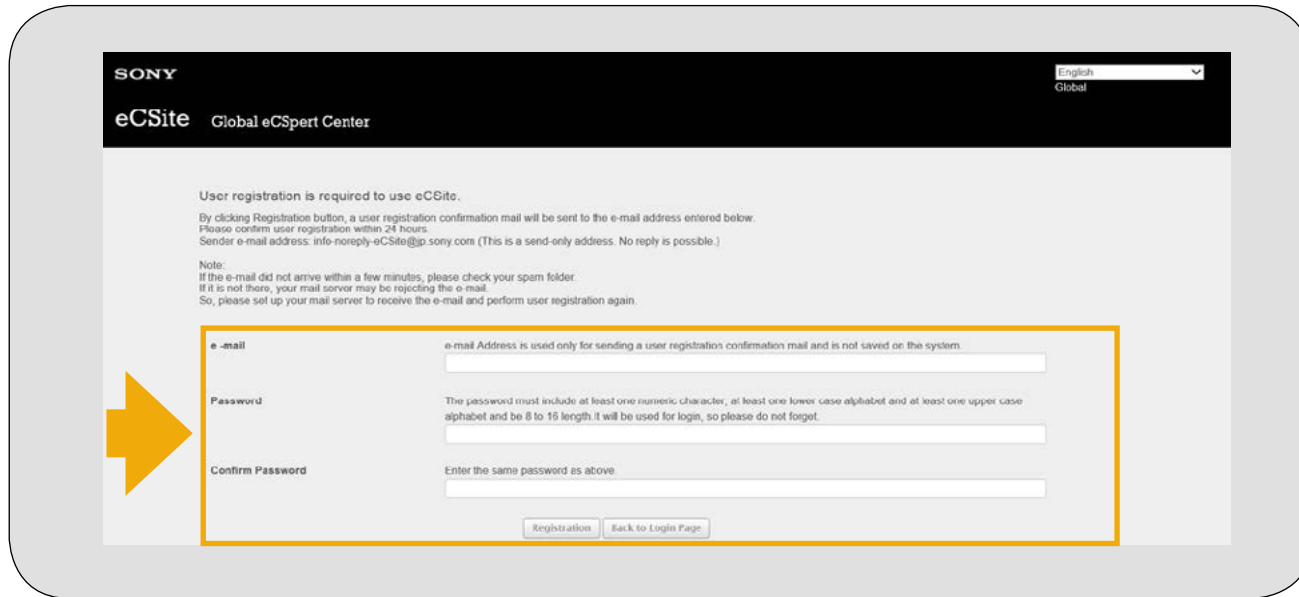
1. Access the website “eCSite”:  
<https://www.ecspert.sony.biz>
2. To register, click on “User Registration” on bottom right of page.  
If you have already registered, go to the next step: “Acquire and download the Install Key”.



The screenshot displays the Sony eCSite Global eCSpert Center website. At the top, the Sony logo and 'eCSite Global eCSpert Center' are visible. A language dropdown menu is set to 'English Global'. A notice states: 'This site has been renewed and opened as "eCSiteV2" since Oct. 5, 2015. To use this site, even if you are registered on the old site, you need to make the user registration. eCSiteV2 does not hold any personal information, so we have security and completely deleted all user registration information stored on the former eCSite.' Below the notice is a login section with the text 'Please login by UserID.' and two input fields for 'User ID' and 'Password', followed by a 'Login' button. On the bottom right, a message says 'User registration is required to use this site.' with a red box around the 'User Registration' link and a red arrow pointing to it. Other links for 'Inquiry' and 'Note' are also visible.

## STEP 3 – CBKZ-X70FX: eCSite Registration

3. Input your e-mail address and password, and click “Registration”.



**SONY** English  
Global

**eCSite** Global eCSpert Center

User registration is required to use eCSite.

By clicking Registration button, a user registration confirmation mail will be sent to the e-mail address entered below.  
Please confirm user registration within 24 hours.  
Sender e-mail address: info-noreply-eCSite@jp.sony.com (This is a send-only address. No reply is possible.)

Note:  
If the e-mail did not arrive within a few minutes, please check your spam folder.  
If it is not there, your mail server may be rejecting the e-mail.  
So, please set up your mail server to receive the e-mail and perform user registration again.

**e-mail** e-mail Address is used only for sending a user registration confirmation mail and is not saved on the system.

**Password** The password must include at least one numeric character, at least one lower case alphabet and at least one upper case alphabet and be 8 to 16 length. It will be used for login, so please do not forget.

**Confirm Password** Enter the same password as above.

### STEP 3 – CBKZ-X70FX: eSite Registration

4. You will immediately receive an approval e-mail from Global eCSpert Center containing your **User ID** and **Access Code**.

Carefully keep the registered **User ID** and **Access Code**.



5. Click the link on the email in order to complete the registration request. Then you will be able to access eSite by **User ID**, **Password** and **Access Code**.
6. If you forget your **User ID** or **Password**, you need to register again. You can register the same address as you did before.

## Process in Detail

STEP 1 - Download and install the new Firmware Version 2.0 (or higher) to PXW-X70.

STEP 2 - CBKZ-X70FX: Purchase from Sony official dealers.

STEP 3 - Register with the dedicated website “eCSite”: <https://www.ecspert.sony.biz/>.

STEP 4 - Acquire and download the Install file - access the eCSite with Access Code and CBKZ-X70FX Purchase Key.

STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

1. Access eCSite on: <https://www.ecspert.sony.biz/> and login with your **User ID** and **Password**.
2. Enter the numeric values of your **Access Code** following the on-screen instructions and click **“Login”**.

**SONY**  
**eCSite** Global eCSpert Center

**Notice**  
This site has been renewed and opened as "eCSiteV2" since Oct. 5, 2015.  
To use this site, even if you are registered on the old site, you need to make the user registration.  
eCSiteV2 does not hold any personal information, so we have securely and completely deleted all user registration information stored on the former eCSite.

Please login by UserID.

User ID

Password

Login

**SONY**  
**eCSite** Global eCSpert Center

**Notice**  
This site has been renewed and opened as "eCSiteV2" since Oct. 5, 2015.  
To use this site, even if you are registered on the old site, you need to make the user registration.  
eCSiteV2 does not hold any personal information, so we have securely and completely deleted all user registration information stored on the former eCSite.

Enter numeric values in the bracket [ ] of #3, #10 and #11 of the Access Code.

secCode

Login

User registration is required to use this site.  
(If you forgot your User Information, please contact the Sony Support Center.)



## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

3. Select “Key-Issue” > “Install-Key” on the top left of the screen.

4. Input the Purchase Key and click “Search”.

The Purchase Key is the alphanumeric code written on Software Purchase Key Notification of CBKZ-X70FX box.  
e.g. 3CNEFPF9XCBAWBM2.

**NOTE:** Please be aware of the differences of “0”(ou), “0”(zero) and number of digits.

The image shows two screenshots of the Sony eCSite Global eCSpert Center interface. The left screenshot shows the main navigation menu with 'Key Issue' selected, and 'Install-Key' highlighted. The right screenshot shows the 'Key Issue > Install-Key' page with the 'Purchase Key' field containing '3CNEFPF9XCBAWBM2' and the 'Search' button.

**SONY**  
eCSite Global eCSpert Center

English  
6P5YWEBY

Key Issue > Install-Key

Purchase Key: 3CNEFPF9XCBAWBM2

Search

To obtain an Install-Key, click ▶ mark at the left side of search result and unfold the list.

## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

5. Confirm that the target **Model Name (Model No.)** is shown, and click the icon “>” on the left of the line.
6. Confirm that the **Purchase Key** is shown, and click the icon “>” on the left of the line.

The image displays two sequential screenshots of the Sony eCSite Global eCSpert Center interface, illustrating the steps to acquire an install key for the CBKZ-X70FX model.

**Left Screenshot:** The page title is "eCSite Global eCSpert Center". The left sidebar contains a navigation menu with "Key Issue", "Key Search", and "Download". The main content area is titled "Key Issue > Install-Key". It features a "Purchase Key" input field containing the value "3CNEPFP9XCBAWBM2". Below this, a text instruction reads: "To obtain an Install-Key, click > mark at the left side of search result and unfold the list." A table with two columns, "Release Model Name" and "Model Number", is shown. The first row contains "CBKZ-X70FX" in both columns. A yellow arrow points to the ">" icon on the left of this row.

**Right Screenshot:** The page title is "eCSite Global eCSpert Center". The left sidebar contains a navigation menu with "Key Issue", "Key Search", and "Download". The main content area is titled "Key Issue > Install-Key". It features a "Purchase Key" input field containing the value "3CNEPFP9XCBAWBM2". Below this, a text instruction reads: "To obtain an Install-Key, click > mark at the left side of search result and unfold the list." A table with two columns, "Purchase Key" and "Issue Date", is shown. The first row contains "3CNEPFP9XCBAWBM2" in the "Purchase Key" column and "2016/01/06" in the "Issue Date" column. A yellow arrow points to the ">" icon on the left of this row.

## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

- Click **“Install-Key Issue”** on the right of the line shown on the line at the bottom. Unless the correct purchase key is input, you cannot issue the install key.

The screenshot displays the Sony eCSite Global eCSpert Center interface. The top navigation bar includes the Sony logo, the user ID '5P5YWEBY', a language dropdown set to 'English', and a 'Global' link. The main content area is titled 'Key-Issue > Install-Key'. It features a 'Sales Company' dropdown menu and a 'Purchase-Key' input field containing '3CNEPFP9XCBAWBM2'. Below this is a 'Search' button and a note: 'To obtain an Install-Key, click [checkbox] mark at the left side of search result and unfold the list.' A table lists search results for 'CBKZ-X70FX' with columns for Model Name, Model No., Product Code, Purchase-Key, Issue Date, Qty, and Usable. The first row is expanded to show a sub-table with columns for Model No., Product Code, Install key type, and an 'Install-Key Issue' button. A yellow arrow points to this button, which is also highlighted with a yellow box.

Model Name	Model No.	Product Code			
CBKZ-X70FX	CBKZ-X70FX	9458200			
Purchase-Key					
3CNEPFP9XCBAWBM2	Issue Date	Qty	Usable		
	2015/10/07	1	1		
Model No.			Product Code	Install key type	Install-Key Issue
<input type="checkbox"/>	CBKZ-X70FX	9458200	General	<input type="button" value="Install-Key Issue"/>	

## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

8. Input the **Unique Device ID**, select the PDF Display Language & click “Install-Key Creation” on bottom right.
9. Make sure that your input form is case sensitive.

**NOTE:** The **Install Key** is issued even if you input the **Unique Device ID** incorrectly, however you cannot install the option on the equipment. Be sure to check the input and correct it if it is incorrect.

Model Name CBKZ-X70FX  
Purchase Key 3CNEPFP9XCBAWBW2  
Qty 1

**Install-Key Issue Setting**  
By pressing the Add button, ID field is added in accordance with the number of inrsue Qty.

Issue Qty\* 1

Unique Device ID

User Name to Print  \* Printing to PDF only  
\* Blank Allowed  
To correct this, press "Install-Key(PDF)" button.

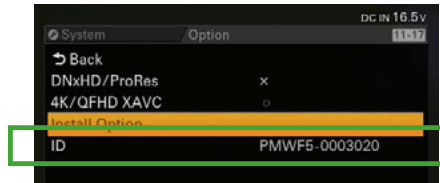
PDF Display Language  
English

\* To correct this, it is not necessary to press "Install-Key Creation" button.

\* Install-Key can be downloaded after creation of Install-Key

- Leave “Issue Qty” as “1”.
- You can find the **Unique Device ID** on the PXW-X70 camcorder [e.g. PXWX70-0003020]

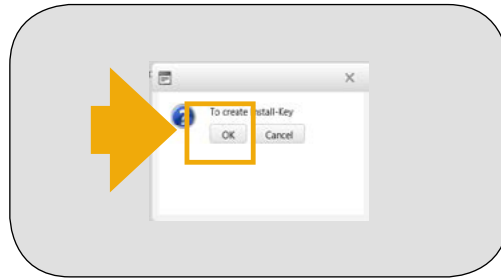
Press MENU button and select [System Menu] > [Option] > [ID]



- You can input your name in “User Name to Print” (optional) so that it’s shown on the downloaded PDF file.

## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

10. Click “OK”.

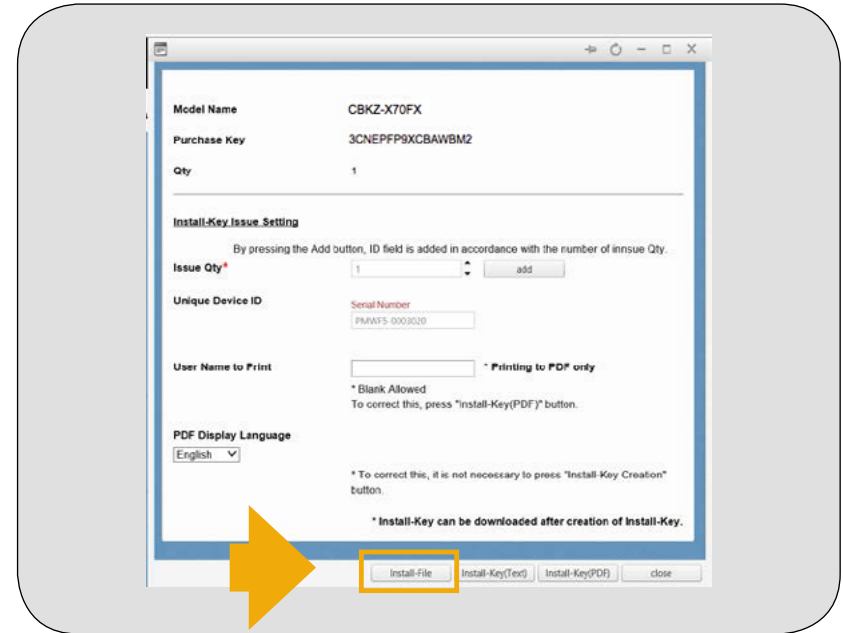


## STEP 4 – CBKZ-X70FX: Acquire and download the Install Key

11. Click “Install-File” on the bottom.

The install file that includes the Install Key is downloaded.

**NOTE:** If you select “Install-Key (Text)” or “Install-Key (PDF)”, a file is downloaded in different format but you cannot install these files on the equipment. Be sure to select “Install-File”.



## Process in Detail

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STEP 5 - Install the 4K upgrade on PXW-X70 with SD card.

## STEP 5 – CBKZ-X70FX: Install the 4K Upgrade on PXW-X70 with SD Card

1. Use a PC to copy the “Install file” (a file without an extension) you have downloaded onto the root directory of a Memory Stick or an SD card
2. Insert the Memory Stick or SD card that contains the install file into the memory card slot A of the camcorder
3. Press the MENU button of the camcorder > select the  (OTHERS) menu > [OPTION] > [INSTALL OPTION] > [OK]
4. Select [OK] again. The camcorder reboots and will install the option



**Tip:** If you have failed to install the option because the **Unique Device ID** you input was incorrect, please contact us from the “**Contact us**” portion of the web site shown on next page.



## STEP 5 – CBKZ-X70FX: Install the 4K Upgrade on PXW-X70 with SD Card

Sony Professional products web site home page:

Europe, Middle East, and Africa: <http://www.pro.sony.eu>

Canada: <http://www.sonybiz.ca>

Latin America: <http://sonypro-latin.com>

Japan: <http://www.sonybsc.com>

Asia Pacific: <http://pro.sony-asia.com>

Korea: <http://bp.sony.co.kr>

China: <http://pro.sony.com.cn>

U.S.A.: <http://pro.sony.com>

## STEP 5 – CBKZ-X70FX: Install the 4K Upgrade on PXW-X70 with SD Card

START to Shoot in 4K!



4K

## CBKZ-X70FX Installation - Frequently Asked Questions

### What is eSite?

The eSite provides software files and installation key based on your CBKZ-X70FX **Purchase Key** and your PXW-X70 **Unique Device ID**.

Please input correct **Purchase Key** and **Unique Device ID** in order to install the option.

NOTE: • Input form is case-sensitive.

- Be careful not to confuse similar characters such as “0”(ou) and “0”(zero), “1” and “1”(one).

If you input **Unique Device ID** incorrectly, you can't correct mistakes by yourself and must contact your appropriate Sony regional Service Centre. See below for more information.

### I haven't received an approval e-mail containing a password from eSite.

You will receive an approval e-mail containing **User ID** and **Access Code**. It may take a while until you receive the e-mail. Carefully keep the registered **User ID** and **Access Code**. If you don't receive it, possible problems are listed below.

1. You may input wrong e-mail address for registration. Please try registration again, and try another e-mail address for the registration if possible.
2. The approval e-mail may be filtered to the junk mail box on your mailbox. Please confirm it.
3. The approval e-mail may be rejected by your mail server. Please ask your mail server manager not to reject the domain: “[jp.sony.com](http://jp.sony.com)” Or please try another e-mail address for the registration if possible.

## CBKZ-X70FX Installation - Frequently Asked Questions

### The CBKZ-X70FX option has failed to install.

Please check that the **Unique Device ID** registered on eCSite matches with your PXW-X70.

- If the **Unique Device ID** was correct, there may be another issue. Please contact your appropriate Sony regional Service Centre. See below for more information.
- If the **Unique Device ID** you inputted during registration was incorrect, you can't correct it by yourself. Please contact your Sony regional Service Centre using the "**Contact Us**" section of the appropriate website for your region below.

Sony Professional products web site home page:

Europe, Middle East, and Africa: <http://www.pro.sony.eu>

Canada: <http://www.sonybiz.ca>

Latin America: <http://sonypro-latin.com>

Japan: <http://www.sonybsc.com>

Asia Pacific: <http://pro.sony-asia.com>

Korea: <http://bp.sony.co.kr>

China: <http://pro.sony.com.cn>

U.S.A.: <http://pro.sony.com>

Please prepare the three files listed below when you contact us.

1. A picture of the **Purchase Key** of CBKZ-X70FX you purchased.
2. A picture of **Unique Device ID** of PXW-X70 (**MENU > OTHERS > OPTION menu**)
3. **Software Install Key Notification** downloaded from eCSite (PDF).

## CBKZ-X70FX Installation - Frequently Asked Questions

### cont.../ The CBKZ-X70FX option has failed to install

Once we have processed your request, the regional service center will have the eCSite amend the registered PXW-X70 **Unique Device ID**. We will then email you to confirm this is done. You can then access the eCSite to download amended CBKZ-X70FX **Install Key** for your correct **Unique Device ID**. Select “**Key search**” > “**Install Key**” in the top left of the screen. You can download a new **Install Key** from eCSite. Please install the option on the camcorder.

### Which languages does eCSite accept for registration and inquiry?

eCSite accepts only Japanese and English.

### I've forgotten the registered user ID or password.

Please register again. You can use the same e-mail address you've registered before.

### I've lost the install key list.

Please download the **Install key list** from eCSite. Please note you can't change the **Unique Device ID**.

## CBKZ-X70FX Installation - Frequently Asked Questions

### I can't download the install file.

Please use internet browsers listed below.

Windows OS : Microsoft IE10, 11, Edge and Google Chrome

Mac OS : Safari