



Life. Camera. Action!

CX

USER MANUAL

www.activeon.com



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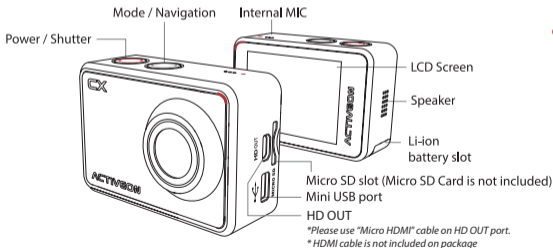
CE2200 FC  RoHS

ACTIVEON

CX

** Please read this manual carefully before the use!*

1. Names of each part













● LED Indicator
(Top, Bottom, Front, Back)









Tripod hole (Bottom)


2. Operation & button description

- ACTIVEON CX is operated by two buttons. ( button ,  button)
- () button features “Power, Shutter and Enter”.
- () button features “Mode change, Navigation and User menu”.
- The feature of buttons are defined as below table.

Function	Button	Description
Power On / Off		Press () button and hold for 2 seconds <i>*If Auto Power off is set, the camera will automatically shut down in 3 minutes when there is no operation .</i>
REC Start / Stop		Press () button to start video recording or photo shoot (Video/ Photo/ Burst / Timelapse)
Confirm setting menu		Within user setup mode, press () button to enter setting menu in each category

Function	Button	Description
Mode change		Press the () button to switch modes (Video > Photo > Photo burst > Photo timelapse)
User menu		Press the () button and hold for 2 seconds to enter user setup mode
Navigator		Press the () button to move select bar on OSD menu or change setting

3. Start the camera

1. Open the battery cover and insert ACTIVEON CX Li-ion battery.
2. Insert Micro SD card on the Micro SD card slot. (The camera does not record when there is no Micro SD inside)
3. Press the () button and hold for two seconds.











The camera turns on and LCD monitor shows camera image.







4. LCD screen shot





No.	Function	Description
①	Current mode	Shows current mode (video or photo)
②	Shooting mode	Shows current shooting mode (Video - Auto stop/Looping/Timelapse) (Photo - Self timer, Timelapse, Burst)
③	Recording time information	Shows recording time information (Current recording time / Usable recording time)
④	WiFi	Shows WiFi connection status
⑤	Battery	Shows battery capacity status
⑥	Resolution	While shooting video or photo, it shows resolution
⑦	FOV	While shooting video or photo, it shows viewing angle mode (Super wide, Wide, Medium, Narrow)
⑧	Zoom	Shows current zoom level (None/ x2/x3/x4)
⑨	Effect setting	Shows current effect setting (Effect, Quality, Filter, AE meter, Upside Down)

5. Graphical icon description

Mode	Function	Icons	Description
Live screen	Current mode		Video mode
			Photo mode
	WiFi		WiFi on
	Battery		Shows battery capacity status
	FOV		Shows FOV setting status (Super wide, Wide, Medium, Narrow)
	Zoom		Shows current zoom level (None/ x2/x3/x4)
	Effect		Shows current recording effect status (Sports, Aqua, Night)
	Image quality		Shows current recording image quality status (Super Fine, Fine, Normal)
	Filter		Shows current recording filter status. (Black&White, Warm, Native, Sepia, Red, Green, Blue)
	AE Meters		Shows current recording AE meter status (Center, Average, Spot)

Mode	Function	Icons	Description
Video	Auto stop		Records video until setup time. (1min/5min/10min/30min)
	Looping		Continuously records tape a video for a set time until you stop.
	Timelapse		Captures on image in setup time and save as timelapse video file. (1sec/3sec/5sec/10sec/30sec/60sec)
Photo	Self Timer		Captures each image of setup time and save as photo. (5sec/10sec/15sec)
	Timelapse		Captures on image in setup time and save as timelapse photo file. (1sec/3sec/5sec/10sec/30sec/60sec)
	Burst		Photo burst shooting (3/1sec , 5/1sec)

6. Video recording

1. After the camera is turned on, Press() button to start video recording.
2. When the camera start to record, LED light blinks* and shows recording time on LCD.
3. Press() button to stop recording.
4. Before starting the video, user can adjust the video setting by using 'User Setting'.

**If LED off option is selected in user setup,LED light will not blink.*

7. Photo shoot

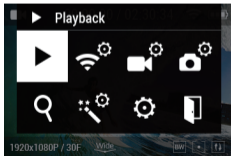
- Press (⊙) button shortly to change camera mode.
- Mode changes as

Video mode — **Photo mode** — **Photo burst** — **Photo timelapse**) in turn.

1. Press (⊙) button to shoot photo.
2. In 'Photo Timelapse' mode, Press (⊙) button to stop photo shooting.
3. Before starting the photo, user can adjust the photo setting by using 'User Setting'.

8. User menu

- User can view recorded files on Playback, select setting options through user menu.




1. Press (⊙) button and hold for two seconds to enter user menu.
2. User menu is divided into seven categories.
(Playback, WiFi, Video, Photo, Zoom, Effect and General setting)
3. Press (⊙) button to move category.
4. Press (⊙) button to select and confirm each user menu within sub-menu.

8-1. Playback mode

- User can view recorded video or photo through LCD screen of the camera.
- Press (○) button short time to select control panel on top menu.
- While the file is playing, you can call the play control panel by (○) button.

Function	Operation
	Thumbnail view Press (○) button to choose file. Press (○) button to select. These icon shows file type. (Video / Photo / Looping / Timelapse / Burst)
	Video playback Press (○) button to use control panel. Press (○) button to select.

Function	Operation
	<p>Photo playback</p> <p>Press (○) button to use control panel.</p> <p>Press (○) button to select.</p>

8-2. User setting


Function	Sub menu	Description
WiFi	BACK	N / A
	WiFi APP	Turn on WiFi to connect with smartphone
	OFF	Turn off WiFi to disconnect with smartphone
Zoom	x1	Zoom in (x1/x2/x3/x4)
	x2	
	x3	
	x4	
Video Setting	BACK	N / A
	Recording mode	Manual / Auto Stop / Timelapse Video / Looping

Function	Sub menu	Description
Video Setting	Auto Stop	1min / 5min / 10min / 30min
	Looping	5min/20min/60min/120min/MAX
	Video Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
	Resolution	NTSC : 1080p 30fps / 960p 30fps / 720p 60fps / 720p 30fps / 480p 60fps PAL : 1080p 25fps / 960p 25fps / 720p 50fps / 720p 25fps / 480p 50fps
Photo Setting	BACK	N / A
	Shooting mode	Manual/Self-Timer/Burst/Timelapse
	Self-Timer	5sec / 10sec / 15sec
	Burst	3 photos per 1 sec / 5 photos per 1 sec
	Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
	Resolution	5MP / 4MP / 3MP
Effect Setting	BACK	N / A
	FOV	Super wide / Wide / Medium / Narrow
	Quality	Super Fine / Fine / Normal
	Upside Down	On / Off
	AE Meter	Center / Average / Spot

Function	Sub menu	Description
Effect Setting	EV	Auto / -2.0 / -1.0 / 0 / 1.0 / 2.0
	Filter	Black&White / Warm / Native / Sepia / Red / Green / Blue
	Time Stamp	On / Off
	Effect	Aqua / Sports / Night / Off
	White Balance	Auto / 3000K / 5500K / 6500K
	ISO	Auto / 1600 / 400 / 200 / 100
General Setting	BACK	N / A
	Mic Volume	Off / 30% / 70% / 100%
	Speaker	Off / 30% / 70% / 100%
	Beep	On / Off
	LED Indicator	Four / Two / Off
	TV Out	NTSC / PAL
	Memory Format	Yes / No
	Time Setting	MM>DD>YY>HH>MM>AM/PM>DONE
	Auto LCD off	Never / 1min / 2min / 3min

Function	Sub menu	Description
General Setting	Brightness	25% / 50% / 75% / 100%
	Auto Power off	Never / 1min / 2min / 3min
	Default Setting	Yes / No
	WiFi Setup	Back / SSID / Password
	Version Info	N/A

9. Recharging battery

- LCD will show the low battery icon() when the battery is too low and close to the cut off level.
- The camera will save the file automatically until it is turned off. You must recharge your battery to restart.
- It will take about 3.5 hours for a full charge by USB.
- You can use a Battery Charger (optional accessory) for fast charging.
 1. Turn off the camera.
 2. Connect the camera USB port to your computer via USB cable.
 3. LED will be turned on and battery recharging will be started.
 4. LED will be turned off when it is fully charged.

10. Smartphone control

- Utilizing WiFi APP function of ACTIVEON, user can control the camera through smartphone.
- Compatible with iOS and Android OS.
- Before connecting the camera, download 'ACTIVEON' application from smartphone app store.
- Search for 'ACTIVEON' in Apple App Store or Google Play Store.

** While smartphone is connected to the camera, camera button operation will be disabled.*

** You can take a video and photo, and adjust camera setting on 'ACTIVEON'.*

** 'ACTIVEON' features will be upgraded through application update through your smartphone.*

11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

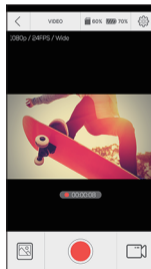
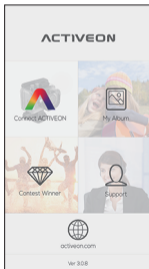
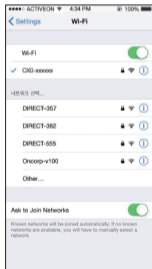
On your camera

- Turn on 'WiFi APP' function in ACTIVEON CX.
- Wait 1 min for the WiFi signal to activate.
- When WiFi signal is activated, the screen just show "WiFi Connection Ready".

11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

On your Smartphone

- On your smartphone or tablet, turn the WiFi on and select the network CX0-xxxxxx under WiFi setting.
- Default password is '1234567890'.
- Run 'ACTIVEON' app on your smartphone or tablet.
- Press 'Connect ACTIVEON' on the app, now you can control your ACTIVEON camera.

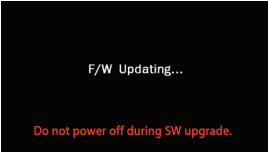


12. Transferring data to computer (compatible with both Windows OS and Mac OS)

- If the camera is connected to a computer or battery charger while it is powered off, the camera starts to recharge the battery.
 - If the camera is connected to a computer while it is powered on, the camera changes to file-transfer mode.
 - While the camera is connected to a battery charger or car charger for recharge, the camera can record while it is recharging.
1. Power on ACTIVEON CX.
 2. Connect the camera to a computer via USB cable.
 3. The camera LCD will display as 'USB Ready'.
 4. Go to 'my computer' in PC.
 5. Search 'removable disc'.
 6. Double click 'removable disc'.
 7. Double click 'DCIM' folder.
 8. Open the folders to find video or photo file.
 9. Copy and paste files to the computer.

13. Firmware update (Find the latest firmware at www.activeon.com)

- You can always find the latest firmware updates of ACTIVEON products on the website. www.activeon.com
- Firmware upgrade may not available if battery is too low.
- Recharge up to two cells of battery gauge for proper upgrade.
 1. Format the memory card, and copy firmware file to the root directory of micro SD card.
 2. Insert the Micro SD to ACTIVEON CX and turn on the power.
 3. Firmware upgrade will be automatically started as showing the updating status on the LCD screen.
 4. When upgrade is completed, the camera shows 'F/W Updating' and automatically turns off.
**Do Not turn off the device or take out the battery during firmware upgrade.*

A black rectangular area representing an LCD screen. In the center, the text "F/W Updating..." is displayed in white. At the bottom, the text "Do not power off during SW upgrade." is displayed in red.

F/W Updating...

Do not power off during SW upgrade.

14. Features and specifications

- "ACTIVEON CX" 1080p 30fps Action camera
- Full HD(1920 x 1080) resolution, 30fps recording
- 196ft(60m) waterproof housing
- 4M pixel high precision digital image CMOS sensor
- 170° wide-angle field of view (FOV) (* Video recording 160 ° FOV)
- Built-in 2.0" LCD(320x240)
- Built-in WiFi antenna
- Versatile recording resolution(1080p/960p/720p/480p)
- Burst photo-shooting(25photos image for 5seconds)
- H.264 codec, saved as MOV format.
- Rechargeable Li-ion battery
- Battery running time : Approximately 120 minutes of continuous recording (1080p 30fps)
**recording time may vary, depends on environmental condition*
- Recharging time : 3.5 hours by USB
- Easy graphical user interface in LCD display
- Full line of mounting accessories

15. Package includes



ACTIVEON CX
action camera



Waterproof
Housing



Curved Adhesive
Mount



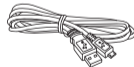
Connecting Screw



Short Connector



Rechargeable Li-on Battery



USB Cable

ACTIVEON

CX

NOTICE

www.activeon.com



CAUTION

It could be exploded if the battery is inappropriate type. Please insert proper type of battery according to instructions.



The symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

FCC RADIO FREQUENCY INTERFERENCE STATEMENT

FCC ID : XOMCCX01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

CX

USA Warranty

www.activeon.com



ACTIVEON LIMITED WARRANTY

This limited warranty is provided by ACTIVEON to the original end-user purchaser ("Purchaser"), when delivered in new condition in its original container.

The Product is warranted to be free from manufacturing defects under normal use and service for a period of 12 months from the date of original purchase ("Warranty Period"). Where there is no evidence of the date of original purchase, ACTIVEON shall consider the date of manufacture as the date of original purchase.

If the Product is returned to an ACTIVEON and ACTIVEON concludes in its discretion that the product is defective in manufacture, ACTIVEON may, at its sole discretion and without charge (a) exchange the Product for a new Product, or (b) exchange the Product for a refurbished Product.

Exchange or replacement of the Product does not extend the original warranty period of the Product.

No warranty shall be provided if the Product is damaged through the negligence or fault of others, abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow ACTIVEON's operating and maintenance instructions, or if services are performed to the Product by someone other than ACTIVEON or its authorized service provider. Water, environmental, sand, and corrosion damage; battery leakage, scratches, or damage to the Product will be presumed to have resulted from misuse, abuse or failure to operate the Product as set forth in the operating and maintenance instructions. No warranty shall be provided if the Product has had its serial number or dating altered or removed.

ACTIVEON SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE DURING OR AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPERT WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, SHALL BE BINDING ON ACTIVEON. (SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) ACTIVEON SHALL NOT BE LIABLE FOR AND SPECIFICALLY DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, ANY ACCIDENT, INJURY, DEATH, LOSS OR OTHER CLAIM RELATED TO OR RESULTING FROM THE USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE OR MISUSE OF, OR INABILITY TO USE, THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED. ACTIVEON SHALL NOT BE LIABLE FOR WATER HOUSING LEAKAGE OR ANY RESULTING DAMAGES CAUSED BY USER'S RESEALING ERROR. IN NO EVENT SHALL RECOVERY OF ANY KIND AGAINST ACTIVEON BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT, WITHOUT LIMITING THE FOREGOING, THE PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF USE OR MISUSE OF, OR INABILITY TO USE, THE PRODUCT NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF ACTIVEON. (SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT, AND IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY.

For assistance (USA) – If you purchased ACTIVEON product in USA and have questions regarding the product or this Limited Warranty, please call 1-858-798-3300. Or visit www.activeon.com

It is the Purchaser's responsibility to properly package and send the Product, together with a copy of the original proof of purchase, an explanation of the problem, and a return address to ACTIVEON at the Purchaser's expense. If the Product covered by this limited warranty and proven to be defective upon inspection, it will be serviced and returned to the Purchaser at no charge. Any received Product that is not covered by this limited warranty or is beyond the Warranty Period will be returned as it is.

CX

EU Warranty

www.activeon.com



ACTIVEON LIMITED WARRANTY (EU)

1. The following limited warranty is provided by ACTIVEON with respect to the ACTIVEON product ("Product") purchased by the original end-user purchaser ("Purchaser"), when delivered in new condition in its original container. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties in this limited warranty.
2. The Product is warranted to be free from manufacturing defects under normal use and service for a period of 24 months as from the date of original purchase ("Warranty Period"). Where there is no evidence of the date of original purchase, ACTIVEON shall consider the date of manufacture as the date of original purchase.
3. If the Product is returned to ACTIVEON and ACTIVEON concludes in its discretion that the product is defective in manufacture, ACTIVEON may, at its sole discretion and without charge (a) exchange the Product for a new Product, or (b) exchange the Product for a refurbished Product.
4. Exchange or replacement of the Product does not extend the original Warranty Period of the Product.
5. No warranty shall be provided if the Product is damaged through the negligence or fault of others, abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow ACTIVEON's operating and maintenance instructions, or if services are performed to the Product by someone other than ACTIVEON or its authorized service provider. Water, environmental, sand, and corrosion damage; battery leakage, scratches, or damage to the Product will be presumed to have resulted from misuse, abuse or failure to operate the Product as set forth in the operating and maintenance instructions. No warranty shall be provided if the product has had its serial number or dating altered or removed. Damages deriving from an accident or caused by the natural wear and tear (including but not limited to accessories and batteries) do not fall within this guarantee or other guarantees.
6. ACTIVEON SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE DURING OR AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPERT WARRANTY OR GUARANTEE, EXCEPT AS MENTIONED ABOVE, SHALL BE BINDING ON ACTIVEON. (SOME TERRITORIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) ACTIVEON SHALL NOT BE LIABLE FOR AND SPECIFICALLY DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, ANY ACCIDENT, INJURY, DEATH, LOSS OR OTHER CLAIM RELATED TO OR RESULTING FROM THE USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE OR MISUSE OF, OR INABILITY TO USE, THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED. ACTIVEON SHALL NOT BE LIABLE FOR WATER HOUSING LEAKAGE OR ANY RESULTING DAMAGES CAUSED BY USER'S RESEALING ERROR. IN NO EVENT SHALL RECOVERY OF ANY KIND AGAINST ACTIVEON BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT, WITHOUT LIMITING THE FOREGOING, THE PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF USE OR MISUSE OF, OR INABILITY TO USE, THE PRODUCT NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF ACTIVEON (SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU), EXCEPT WHERE PROHIBITED BY APPLICABLE LAW. (I) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT, AND IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND (II) THIS LIMITED WARRANTY IS LIMITED TO THE COUNTRY OF PURCHASE OF THE PRODUCT.

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ACTIVEON EU B.V. HULLENBERGWEG 278 1101 BV AMSTERDAM THE NETHERLANDS (Not a visiting address)

ACTIVEON