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Book Descriptions:

canon xa10 hd professional camcorder manual

If such changes or modifications should be made, you could be required to stop operation of the equipment. Canon U.S.A., Inc. One Canon Plaza, Lake Success, NY 11042, U.S.A. Tel No. 5163285600

WARNING To reduce the risk of electric shock, do not expose this product to dripping or splashing. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Unauthorized substitutions may result in fire, electric shock or other hazards. The following are just some of the many functions featured in the camcorder. HD Recording HD CMOS PRO and DIGIC DV III. This operation is simple yet allows you to shoot with the desired exposure. Added and improved functionality Other functions include two types of video scopes 0 84, conversion to standard definition 0 139 and Story Creator mode 0 105, which allows you to create. Depending on the device used, correct playback may not be possible even if the device is AVCHDcompatible. Please read this manual carefully before you use the camcorder and retain it for future reference. Should your camcorder fail to operate correctly, refer to Troubleshooting 0 159. The countdown appears on the screen. Contains the following components. Music data Music files that can be used as background music during playback. These music files are for exclusive use with the supplied PIXELA's software. INFO battery info button 0 158 5 Double memory card slot cover 6 Memory card slot X 0 37 7 Memory card slot Y 0 37 8 Handle unit rear screw 0 24 The first time you use a battery pack, fully charge it and then use the camcorder until the battery pack is completely exhausted. Doing so will ensure that the remaining recording time will be displayed accurately. When attaching the lens hood, grip belt and straps, be careful not to drop the camcorder. Turn on the LCD backlight to make it brighter. You can press S when the camcorder is off to turn it on directly in playback mode.

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For details about the available menu options and settings, refer to the appendix Menu Options Lists 0 144. Basic Operation of the Camcorder. In such case, recharge the builtin lithium battery 0 173 and set the time zone, date and time again. The default setting is New York. SDXC Memory Cards You can use SDXC memory cards with this camcorder. When using memory cards with other devices, such as digital recorders, computers and card readers, make sure that the external device is compatible with SDXC cards. Inserting a memory card facing the wrong direction can cause a malfunction of the camcorder. Be sure to insert the memory card as described in step 3. The default memory for recording both is the builtin memory. You can also initialize a memory card or the builtin memory to permanently delete all the recordings it contains. Preparing to Record 1 Attach a charged battery pack to the camcorder 0 22. Operating modes 1 Set the mode switch to 2 Turn on the camcorder. It will then adjust various settings focus, exposure, color, image stabilization, image quality, among others, selecting the best settings for the scene you want to shoot. Press x to turn on the camcorder. While reviewing the latest scene, the picture will be played back without sound. Press x to turn on the camcorder. The camcorder may also not enter standby mode when the battery charge is too low. With autofocus, you can set the autofocus speed. Autofocus When autofocus is

activated, the camcorder continuously adjusts the focus on the subject in the center of the screen. The focusing range is 2 cm 0.8 in.; at full wideangle, measured from the front of the lens barrel to f and 60 cm 2 ft.;. When you stop turning the ring, the camcorder returns to autofocus. This is useful in situations such as when focusing on a subject on the other side of a window. The main subject is indicated by a white face detection frame and the camcorder will optimize the settings for that person.

To set the handle zoom rockers and wireless controllers zoom speed For the handle zoom rocker and wireless controller, first set the overall zoom speed to one of three levels. However, using higher gain values may result in more noticeable video noise. You can select the AGC limit to curb the amount of noise by setting the maximum gain value to be used. The smaller the AGC limit, the picture will be darker but will have less the noise. When using the AE recording programs, you can change functions like the white balance and image effects. However, you can also adjust the exposure when using other recording programs. However, you can adjust and lock the exposure or use the Touch AE function to automatically set the optimal exposure for the subject you select. When the adjustment is completed, g stops flashing and disappears. The camcorder will retain the custom white balance even if you turn it off. The countdown appears on the screen.Using Line Input or an External Microphone Connected to an XLR Terminal You can use the XLR terminals to connect an external audio source analog line in or microphone. Turn the corresponding audio level dial to adjust the audio recording level as necessary. The audio equalizer settings are only available when recording sound using the built in microphone.The external audio input can be from the optional WMV1 Wireless Microphone, a commercially available external microphone or from an external audio player analog Line In. This is particularly useful while the camcorder is mounted on a tripod and you want to ensure maximum stability of a shot. The video scopes appear only on the LCD screen. They do not appear in the viewfinder or on an external monitor. You have the option to activate the fader only one time or every time you start or stop recording. Operating modes 1 Open the fader selection screen. The camcorders sensitivity to such sources is much higher than when shooting video normally.

You can then adjust the selected function using f and CUSTOM dial, without having to access the menu.By assigning often used functions, you can quickly access them with a single press of a button. Operating modes Changing the Assigned Function 1 Open the selection screen for the desired assignable button. Loading menu settings will replace all the menu settings currently in the camcorder that are common to both types of camcorders. During playback, the playback controls will disappear automatically after a few seconds without operation. This convenient way of displaying scenes grouped by recording date in a 3D layout can be useful to flip through a large number of recordings. You can also select the memory from which you want to play back your recordings. Deleting scenes allows you also to free up space on the memory. Operating modes Deleting a Single Scene 1 Play back the scene you wish to delete. Operating modes 1 Play back the scene you want to divide. 2 Pause the playback at the point where you want to divide the scene. 3 Open the scene division screen. You can use the movie timeline to break the scene to segments at fixed time intervals ranging from 6 seconds to 6 minutes. The size of the captured photos will be 1920x1080 and it cannot be changed. Please read the IMPORTANT section 0 104 before using an EyeFi card.The selected story scene category will appear at the bottom of the screen. In this mode you can also use a variety of professional cinema look filters to create unique movies with a distinctive appearance. Freehand drawings can help emphasize a portion of the picture to attract viewers attention. You can also save a canvas or load a previously saved canvas.Failing to do so may result in permanent data loss. Do not open the double memory card slot cover. Do not disconnect the power source or turn off the camcorder. Do not change the camcorder's operating mode.

You can then select multiple scenes with the same rating, for example, in order to play back or copy

only your favorite scenes. Operating modes Rating Scenes from the List of Scenes 1 Open the list of scenes of the story that contains the scenes you want to rate. The music files come preinstalled in the builtin memory. You can mix the original audio and the background music and adjust the background music mix balance to your preference. Refer to About the music files 0 185 for the folder structure of the memory card. You can set your favorite scene as the thumbnail that will represent the story in the gallery. Operating modes 1 Open the gallery. The title can be up to 14 characters long available characters are limited. Do not connect it to an HDMI output terminal on an external device, as this may damage the camcorder. Playback on an HDTV using one of the highdefinition connections will ensure the best playback quality. Operating modes 1 Turn off the camcorder and the TV. External audio Steps 2 4 0 119. Slideshow set to a music track 3 Touch the photo that will open the slideshow to display it in single photo view. Refer to the Installation Guide supplied leaflet and follow the instructions in the Software Guide PDF file to install the supplied PIXELA's software. Video output will be in standard definition, although the original scenes are in high definition. Installation Install the software before you connect the camcorder to the computer for the first time. Refer to the Installation Guide supplied leaflet and follow the instructions in the Software Guide PDF file to install the supplied PIXELA's software. Failing to do so may result in permanent data loss. Any wireless transfer in progress will be stopped the moment you attach the WMV1 to the camcorder. For details about how to select an item, refer to Using the Menus 0 32. For details about each function, see the reference page. Menu options without a reference page are explained after the tables.

If recordings made with x.v.Color are played back on a noncompatible TV, colors may not be reproduced correctly. If the camcorder is connected to the TV while it is set to a recording mode, depending on the TV used, turning off the TV will automatically turn off the camcorder even if it is recording at the time. The Intelligent System will display the charge status as a percentage and the remaining recording time in minutes for 5 seconds. Consult a Canon Service Center. If the camcorder becomes unusually hot or it becomes hot after using it only for a short while, it may indicate a problem with the camcorder. Consult a Canon Service Center. Cannot create a new story. Turn off the camcorder. Remove and reinsert the memory card. Initialize the memory card if the display does not change back to normal. The memory card is full. Replace the memory card or delete some recordings 0 98, 130 to free some space on the memory card. Change the position of the LOCK switch. An error occurred when trying to access control data on the Eye-Fi card. Turn the camcorder off then on again. If the icon appears often, there might be a problem with the Eye-Fi card. Delete some recordings 0 98, 130 to free some space or replace the memory card. Initialize the memory card 0 40 when you use it with the camcorder for the first time. The LOCK switch on the memory card is set to prevent accidental erasure. Change the position of the LOCK switch. After a short while, turn it on again and restore the connection. Connect the camcorder to a different USB port on the computer. Consult a Canon Service Center. Initialize the memory card with this camcorder 0 40. Cannot play the movies on this memory card Movies cannot be played back from a 64 MB or smaller memory card. Change the position of the LOCK switch on the memory card.

This message will appear the next time you turn on the camcorder if power supply was accidentally interrupted while the camcorder was writing on the memory card and later the position of the cards LOCK switch was changed to prevent erasure. This can occur for example when you edit photos and write the files back to the camcorder. Select a number to display the corresponding group of scenes. Reduce the number of scenes to be converted to SD. Unable to recognize the data You transferred data to the camcorder recorded using a video configuration that is not supported PAL or SECAM. Play back the recordings with the device originally used to record them. Fill it up with unimportant recordings, and then initialize it again using the same option. Consult a Canon Service Center for information on plug adapters for overseas use. Select accessories are described in more detail in the following pages. BP808, BP809B, BP809S, BP819, BP827 Battery Pack Protect Filter 58 mm, ND4L

Filter 58 mm,. When you use Canon video equipment, we recommend Canonbrand accessories or products bearing the same mark. Exif Print is a standard for enhancing the communication between camcorders and printers. By connecting to an Exif Printcompliant printer, the camcorder's image data at the time of shooting is used and optimized, yielding extremely high. Audio encoding Linear PCM Audio sampling 48 kHz, 16 bits, 2 channels Minimum length 1 second File type WAV The music data is saved in the memory under the following folders. Please retain this warranty card and your Bill of Sale as a permanent record of your purchase. This limited warranty is only effective upon presentation of a bill of sale or other proof of purchase for these Products to a Canon Service Facility when repairs are required. Sporting a 64 GB internal flash drive and two SDXCcompatible card slots, the XA10 can record literally for days without running out of memory.

It is also quite common that customers throw outUser manuals are alsoTry Google Search! Kit RODLNKFM Rode RodeLink Wireless Filmmaker Kit RODLNKFM Posted by Rick 20200818 143821 Hello, could you please send me rodelink filmmaker manual in spanish. Thank you in advanceHowever, when I charge it, the red light become green for a second and then still on the charge starts to flash red again. Manual please Jammin iRocker Electronic Drum Set IROCKER Posted by Sparky 20200815 215729 Manual Please Thanks. Used GoodSomething we hope youll especially enjoy FBA items qualify for FREE Shipping and Amazon Prime. Learn more about the program. Please try again.Please try again.Please choose a different delivery location.In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. Register a free business account Please try your search again later.With Relay Recording, the camcorder automatically switches video recording from the internal drive to the SD memory cards when the memory becomes full.With Relay Recording, the camcorder automatically switches video recording from the internal drive to the SD memory cards when the memory becomes full. Video can be copied from the XA10's internal drive to removable SD memory cards. That makes it easy to insert the card into your computer or HDTV's card reader and view your recorded footage immediately. When recording has continued for 12 hours, it will stop and then restart, automatically. The maximum memory capacity and recording time can be substantially increased by the combination of the internal memory and the size of the SD memory card chosen.

For example, the XA10's 64GB of internal memory, combined with two removable 64GB memory cards, would give 192GB in total memory capacity, and 73 hours 30 minutes of recording time at LP setting. MXP and FXP modes record in 1920 x 1080 and require a Class 4 or higher SDHC or SDXC Card. Double Slot Recording allows recording to two SD cards simultaneously, providing an automatic backup while shooting. The XA10 features the AVCHD codec. AVCHD Advanced Video Coding High Definition was announced in 2006 and is quickly becoming the standard for professional camcorders. In addition to professional grade camcorders, AVCHD is very popular in the consumer market and as a result most nonlinear editing software, both professional and consumer, have full support for the codec; this makes for easy compatibility with the XA10 no matter what system the user chooses. AVCHD is used for encoding Bluray discs, meaning the XA10 is ideal for capturing content for delivery in this format, as well as making conversion to webbased content in H.264 format easy. Additionally, the XA10 records up to 24Mbps, the maximum bit rate of AVCHD, at 1920 x 1080 and 420 color space for sharp, vivid, and fully professional quality image capture. The XA10 features a Genuine Canon 10x HD Zoom Lens which offers a 35mm equivalent of 30.4mm 304mm. It delivers unsurpassed image quality, the versatility of a wide angle of view and smooth and professional looking background images thanks to a sophisticated 8blade iris. A dedicated manual focus ring allows accurate and precise control. SuperRange Optical Image Stabilizer The XA10 also incorporates a SuperRange Optical Image Stabilization system lens shift

with four modes Standard, Powered, Dynamic and Off. Standard Lens shift is controlled so that the maximum compensation angle is constant from wide angle through telephoto. Powered Vibration is suppressed at the telephoto end of the range, where shake is most apparent due to high magnification.

Dynamic Stabilization changes throughout the zoom range to minimize more pronounced shaking. This is especially useful at wideangle focal lengths when walking. Enhanced Auto Focus When shooting high definition video, sharp focus becomes more critical than ever. Canons proprietary Instant AF system combines an external AF sensor with Canons legendary auto focus system for fast and accurate focus. Together, the two sensors reduce focusing time even in lowlight, low contrast, or high brightness situations and improve focusing performance on difficult subjects. The XA10 gives you a choice of five AF modes for different shooting applications Instant AF changes focus as rapidly as possible, for those applications in which quick focus is more important than other considerations for example, in news gathering or documentary work. Medium AF changes focus at a speed which is softer and smoother than Instant AF, but faster than would likely be possible manually. Normal AF changes focus at a speed that appears natural and doesnt distract the viewer. Face AF tracks focus on faces when present. The user selects the face to be tracked. If the chosen tracked face is not present in a shot, the subject in the center of the screen will automatically be brought into focus. Face Only AF automatically tracks the chosen tracked face in focus but, should that face leave the scene, will reset focus to manual mode. Minimum Object Distance When shooting with the XA10, the minimum focus distance is 20mm 0.78 inches at the wide macro end and maintains 60cm 1.97 feet throughout the entire zoom range. The additional blades also reduce diffraction of light passing through the iris, allowing for the use of smaller apertures while maintaining image quality. The high sensitivity and wide dynamic range of this sensor are what demanding users expect from Canon.

The XA10 Professional Camcorder features Canons powerful DIGIC DV III Image Processor, which provides enhanced shading, lifelike tonal gradations, and lower power consumption. Onthego videographers will appreciate the ability to track one subject in a crowd of people. Smart Auto Smart Auto uses the power of Canon's DIGIC DV III Image Processor to intelligently detect and analyze faces, brightness, color, distance, and movement, and then automatically selects the best settings for the scene. Among the 38 scenes available in Smart Auto, a standout is Tele Macro. Tele Macro automatically zooms the lens of the camcorder to the telephoto end, setting the minimum object distance to approximately 1.3 feet from 3.3 feet. This gives you the opportunity to shoot spectacular closeups with the dramatic look of a shallow depth of field. A 3.5inch, 922,000 dot LCD monitor provides an ample, accurate area for critical focus confirmation and approximately 100% field of view. The display opens on the left side of the camera body. Simply select the point of interest on the Touch Panel LCD and you will have the subject in sharp focus, regardless of where in the frame it moves during the shot. The exposure will be perfectly adjusted for subject and conditions. Touch Focus Touch Focus allows the user to pinpoint a specific area to focus on. This function is similar to the Push AF feature found on other professional camcorders, but can target a subject anywhere in the frame. Touch Exposure Touch Exposure enables exposure to be locked or compensated for the area touched by the user. EVF The XA10 Professional Camcorder features a 0.24inch, 260,000 Dot Color EVF and approximately 100% field of view coverage for comfortable viewing and accurate judgment of composition. Brightness, contrast, color and backlight are adjustable. Focus Assist Functions Edge Monitor Focus Assist System With Canons Edge Monitor Focus Assist system, a green monitor is shown at the bottom of the LCD Display.

The green waveform shows overall focus of the image, and the height raises to indicate the area in focus. Through this dynamic focus feedback, you can intuitively tune focus in a scene and quickly change the zone of focus. A detachable handle provides the pro shooter with expanded audio performance and added flexibility. Removing the handle allows the camcorder to be made more

compact for convenient storage when travelling. It does so by removing the infrared cutoff filter from the optical path. Its specially designed lens coating allows the infrared light to pass through to the image sensor. Additionally, the XA10's detachable handle features an infrared emitter with a diffuser to shoot pleasing infrared imagery even in complete darkness. For nature videographers or law enforcement users, the benefits of a compact, high performance camcorder for shooting in such conditions is obvious. Without the need to add lights, the shooter may remain hidden from their subjects. Also, the XA10 gives the option of recording in green or white light mode. The XA10 Professional Camcorder offers a wide array of functions to provide the professional shooter with an exceptional level of control. Custom Key and Dial A Custom Key and Dial feature allows you to assign functions to an easily accessible key and adjust the settings with a control dial. In this mode the key has no effect. Manual exposure When manual control is selected, the dial can adjust aperture, shutter speed, or gain. Select items to adjust, such as aperture or other settings, with the key. Exposure Lock can be set on or off as can the AGC Limit. Focus and Exposure Aids To further enhance focusing capability, the XA10 also features Focus Assist. It includes enlargement, which helps in capturing your subject in razorsharp focus. It works by providing a 2x magnification of your subject, which is automatically cancelled when you start recording.

Also included is color peaking, which shows the shooting object's focused areas in actual colors. With Canons Edge Monitor Focus Assist system, a green monitor is shown at the bottom of the LCD Display. Typically only found on expensive external units, the XA10 has a waveform monitor built right into the camera. The waveform monitor shows a detailed view of overall image brightness. Composition Aids With the Level Marker feature, its easy to keep the camcorder level for more accurate framing. The Grid Marker provides a reference grid in your viewfinder. Depending on the background color of your shot, you can choose between two different colors for better viewing contrast. Advanced Control The XA10 features full manual exposure, as well as aperture priority Av, and shutter priority Tv modes. Either color bars or color bars and test tone can be selected and recorded using a menu. The color bars comply with the SMPTE standard. 12 dB, 18 dB or 20 dB can be selected as the test tone. The white balance control has 6 available presets settable through a variety of day and artificial light conditions Daylight, Shade, Cloudy, Tungsten, Fluorescent H, and Fluorescent, as well as two manual white balance settings. Color temperature may also be manually set from 2,000K to 15,000K in 100K increments for more precise adjustment. Gain may be manually set from 0 dB to 24 dB in 1 dB increments. Additionally, Auto Gain Control Limit allows you to set the maximum gain limit for the image sensors sensitivity. With this function, brightness and noise can be balanced as required, and image quality can be maximized in low light situations. Power zoom is available in Constant and Variable settings in 3 modes Fast approx. 1.9 60 seconds, Normal approx. 3.0 180 seconds and Slow approx. 4.0 285 seconds. To provide added control, there are 16 predefined steps in Constant mode. The XA10 records in Full HD 1920 x 1080 in a variety of frame rates.

The XA10 is also capable of recording in several different bit rate modes 24Mbps, 17Mbps, 12Mbps, 7Mbps, 5Mbps allowing the user to balance quality versus recording time for specific applications. In addition to the standard interlaced frame rate of 60i, the XA10 can also capture video in PF30 Frame Rate PF30 is the ideal frame rate for video viewed on the Internet. It is also an excellent choice for frame grab during playback. Video is recorded in 60i. Native 24p Frame Rate A must for serious filmmaking work, Native 24p matches the frame rate of a traditional film camera giving the same cadence and temporal motion. When Cinema Shooting Mode is selected on the XA10, it is possible to use one of nine different cinematic filters to customize the look and feel of the image. This provides users with almost limitless creative control. When Cinema Standard is selected, color depth, softening and contrast can also be adjusted. HDtoSD Downconversion allows you to convert recorded high definition video to standard definition files while safely preserving the original HD video. These standard definition files make it even more convenient to share video online. Canon

camcorders are not guaranteed to support Eye-Fi card functions, including wireless transfer. In case of an issue with the Eye-Fi card, please consult with the card manufacturer. Canon makes no representations or warranties with respect to any third party accessory or product mentioned herein. The XA10 Professional Camcorder offers a builtin stereo microphone to capture highquality audio. It offers a significant reduction in noise at medium and low frequencies. The microphones direction can be adjusted four different ways to match your needs and taste.

Choose from Monaural Single point direction Normal Stereo Wide Provides a more enhanced, separated stereo effect than normal Synced with Zoom Directionality is adjusted to match the zoom position In addition, the frequency response characteristics of the microphone can be adjusted between low, midrange and high frequencies. Normal Provides a balance throughout all frequencies Lowrange emphasis Excellent for recording live music with impact Attenuate low frequencies Reduces ambient noise and the sound of traffic outdoors, such as wind, cars, and so on Midrange emphasis Ideal for capturing peoples voices Low and high range emphasis Record live music with balanced lows and highs The Automatic Attenuator feature prevents high volume distortion and optimizes audio quality in situations when sound levels quickly change. It automatically keeps the audio clean and even. Additionally, two XLR audio inputs with phantom power can be found on the detachable handle. Both the builtin Microphone terminal and XLR terminals have the option for automatic or manual audio level control. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained. The XA10 suggests specific shots to tell the story and helps keep them organized. Optional Canon WDH58W Wide Converter Optically matched for the XA10's HD lens, the WDH58W Wide Converter provides a magnification factor of 0.8x increasing wide angle capability to approximately 24mm 35mm equivalent. Intelligent Battery System The XA10 Professional Camcorder is compatible with Canon's Intelligent Lithiumion batteries. These batteries communicate remaining running time down to the minute so the user is wellinformed at all times.