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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 CAUTION TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT. Power Cord Protection — Power cords should be the Canon Digital Video Camcorder XL2A and all its routed so that they are not likely to be walked on or accessories. The Adapter can be used with a power supply between 100 and 240 V AC. Contact your Canon dealer for information about plug adapter for overseas use. Please read this manual carefully before you use the camcorder and retain it for future reference.Write down the number and other information here and retain this book as a permanent record of your purchase to aid identification in case of theft. Date of Purchase Model Name XL2 Purchased From Serial No. Dealer Address Dealer Phone No.. Remove the terminal cover of the battery pack. 1. Connect the power cord to the adapter. 2. Plug the power cord into a power outlet. Press lightly and slide it in the direction of the arrow until it clicks. 3. Connect the power cord to the power adapter. Connect a power source to the camcorder when replacing the backup battery to retain the settings. 1. Align the mark on the cable with the mark on the camcorder. Detach and reattach the eye cup for use with the left eye. Detaching the Eye Cup Detach the eye cup as shown in the illustration. Press the lock release button and open the eyepiece adapter. Make sure to close the eyepiece adapter when you are not using the viewfinder as LCD panel. The screen is slightly brighter when you open the eyepiece adapter. These adjustments will not affect the picture of your recording.Attaching the Shoulder Strap Pass the ends through the strap mount and adjust the length of the strap. Mounting the Lens 1. Set the POWER dial to OFF. 2. Remove the dust caps from the camcorder and the lens. 3.http://www.erloeserkirche-rodenkirchen.de/userfiles/3m-1256b-manual.xml

- **1.0.**

Align the red mark on the lens with the red mark on the camcorder and turn the lens clockwise until it clicks. The camcorder has three remote sensors, two at the front and one at the back. Inserting Batteries The wireless controller operates with two AAA R03 batteries. SET dial MENU button Selecting Menus and Settings 1. Press the MENU button to open the menu. 2. Turn the SET dial to select a submenu and press the SET dial. 3. If necessary, clean the video heads 110. Recording 1. Remove the lens cap. 2. Press the button and set the POWER dial to a recording program. Slide the LOCK lever to the right button to prevent accidental operation. LOCK lever Zoom lever Power Saving Mechanisms STANDBY Button Pressing the STANDBY button for more than 1 second in record pause or VCR STOP mode activates the power save mode "ENTERING POWER STANDBY". This is helpful to avoid scenes that are too short.The setting changes with each press of the EVF DISPLAY button.Press and release the c record review button. You can also use the zoom ring on the zoom lens or the zoom buttons on the wireless controller. Zoom lever Zoom buttons Zoom ring ZOOM SPEED switch Move the zoom lever toward W to zoom out wideangle. Zoom buttons on the wireless controller The zoom speed is constant and cannot be adjusted. Zoom Preset Lenses Equipped with the Zoom Preset Function This function enables any given zoom setting to be memorized and to return to the zoom setting instantly. If you focus manually then leave the camcorder with the power turned on, you may lose focus on your subject. You can also select the speed with which the camcorder returns to the preset focus setting. Presetting the Focus 1. Furthermore, images captured in 24p mode can be 23 pulldownconverted or 2332 pulldownconverted. 60i Mode Records in 60 fps interlace mode, same as TV signals. 30p Mode

Records in 30 fps progressive mode and outputs A B C D 30p camera signals converted into 60 fps interlace.

Drop frame time code synchronizes the time code of 30 fps with the actual frame rate of NTSC video, which is 29.97 fps, by skipping numbers. There are sixteen possible characters, numbers 0 to 9 and letters A to F. This is useful for labeling tapes.With 12 bit, you can select to record on two channels, leaving two channels free for adding sound later 12bit CH , or to record on four channels simultaneously 12bit CH The sampling frequency in 16 bit is 48 kHz and in 12 bit 32 kHz. Refer also to the audio block diagram 122. When Using the Front Microphone Set the INPUT SELECT switch to FRONT MIC. Turn on the microphone attenuator 20 dB as necessary by setting the FRONT MIC ATT. Otherwise the microphone may be damaged. Recording on Channels 3 and 4 Select the audio input from SHOE optional MA300 Microphone Adapter, AUDIO2 RCA terminals or REAR XLR terminals. Otherwise the microphone may be damaged.Selecting the Programmed AE Modes Press the button and turn the POWER dial. The symbol of the selected mode appears. POWER dial Do not change the mode during recording as the brightness of the image may change abruptly. Recording programs EXP.LOCK button POWER dial SHUTTER rt buttons IRIS dial GAIN dial Exposure Lock 1. Set the POWER dial to n, Tv or Av. 2. Press the EXP. LOCK button. The exposure indicator appears.Auto Automatic adjustment of gain. Keep the camcorder zoomed at the white object until step 4 is completed. The zebra pattern is only displayed on the screen. Use this feature to guide the adjustment of the aperture and shutter speed. Available zebra pattern settings 80 IRE, 85 IRE, 90 IRE, 95 IRE, and 100 IRE. A zebra pattern identifying the skin area appears, alternating with the normal picture a white pattern appears on a connected TV or computer screen. Activating the Skin Detail Function CAMERA SETUP SKIN D.SET. You can also import preset settings from another XL2 and save them to your camcorder. Gamma Curve. The custom preset items appear. 3.

The setting is activated. Importing a Custom Preset Setting from Another XL2 You can import a custom preset setting from another XL2 and save it to your camcorder. MENU button SET dial Signal flow. Default settings Recording Mode VCR Mode CUSTOM KEY 1 TIME CODE TV SCREEN CUSTOM KEY 2 INDEX WRITE DATA CODE Following functions can be assigned to the custom keys Recording Mode VCR Mode. Activating the Functions with the Custom Key Time Code Press the CUSTOM KEY 1 or 2 button. VCR STOP can only be operated with the custom keys. Press the CUSTOM KEY 1 or 2 button. This function is useful when shooting flowers, animals, and other natural events. You can choose an interval from 30 seconds, 1 minute, 5 minutes and 10 minutes, and a recording time from 0.5 seconds, 1 second, 1.5 seconds, and 2 seconds. The camcorder starts recording after a 10second countdown 2 seconds when using the wireless controller. Press the button on the wireless controller during normal or reverse playback.INPUT VIDEO STV150 Stereo Video AUDIO Cable supplied Signal flow SS1VIDEO S150 Svideo Cable supplied Signal flow 1. Turn off all devices before starting the connections. 2. The setting changes with each press of the button in the order of CH, CH and CH Selecting the Audio Channels AUDIO SETUP. This function is operated with the wireless controller.When you play back a tape, you can display the data code and select the data code combination you wish to display. MENU button DATA CODE button MENU button. The data code will not display the next time you turn on the camcorder. SixSecond Auto Date Date and time appear for 6 seconds when you begin playback, or to indicate that date or time zone has changed. If you connect a digital video device, you can copy recordings with virtually no generation loss in image and sound quality. See Playing Back on a TV Screen 87. See Connecting a Digital Video Device 96. The DV terminal serves as output terminal only.

For details, refer to the DVPC Recorder Software leaflet. Recording Mode Power Off STANDBY Mode Aperture setting in Av mode Shutter speed setting in Tv mode Aperture, shutter speed setting in Manual mode. Recording Mode When you change to another programmed When you change to When you change AE mode other than Easy Recording mode the frame rate Easy Recording

Aperture setting in Av mode. This message DATE AND TIME appears each time you turn the power on until you set the time zone, date and time. CHANGE THE BATTERY Battery pack is exhausted. Be careful not to scratch the glass when cleaning. Manuals. Consult the Canon Service Center for information on plug adapters for overseas use. Consult your dealer or a Canon Service Center if the problem persists. Power Source Problem Cause Solution Camcorder will not turn on. Battery pack is not correctly Attach the battery pack attached. Viewfinder picture is Viewfinder is not adjusted. When you use Canon video equipment, we recommend Canonbrand accessories or products bearing the same mark. Optional accessories. Field size at closest Angle of view focusing distance Wide angle Telephoto. Push your imagination to the limit. With cuttingedge technology and Canon quality image processing, the XL2 not only gives you the ability to realise your creative vision, but inspires you to expand it even further.PROQUALITY 169 HORIZONTAL PIXEL SHIFT With this new recording mode, the XL2 can With this feature the images captured by maximize the captured information to deliver the three CCD's Red, Green and Blue are a professional quality 169 aspect ratio. Even not placed exactly over each other. The green though its CCD sensors are standard 43 size, pixels are shifted slighThe XL2 is designed primarily for the high performance XL interchangeable lens system, but is also easily fitted with an optional EF adapter to make full use of Canon's proquality Lseries EF lenses.

Manual focus is possible with all capable lenses and in all shooting modes. When combined with the variety of professional presets and filters available, as well as the remarkable VariAngle Prism VAP Optical Image Stabilizer, this video camera system is capaThis allows for better compensation element. These incredible crystalline of low frequency band vibrations. The XL2 uses vector data based elements are The XL2 offers an almost unbelievable amount of manual control. With an unprecedented amount of fully adjustable custom presets, as well as Brightness Adjustment and White Balance functions, the XL2 is a revelation in artistic freedom and flexibility. The XL2 can shoot footage in a way that comes CINELOOK SHARPNESS remarkably close to the look and feel of actual 35mm FUNCTIONS Another essential tool for refining your film. Simply shoot in 25p mode and adjFOUR CHANNEL DIGITAL AUDIO XLR CONNECTION The XL2 records in digital stereo sound. AND PHANTOM POWER Select from 16 bit audio 2 channels, The XL2 is fitted with two builtin XLR 48 Khz or 12 bit 4 channels, 32 Khz terminals for use with professional and from Line or Mic level audio audio equipment. It also features a sources to ensuThere are a number of auxiliary modes and functions that give you even more creative control and help make the XL2 a complete highperformance package. CENTRE MARKER CUSTOM KEYS When turned on, the centre marker The XL2 has two Custom Keys on the appears as a small white cross in the main body that you can customise to middle of the LCD to help position use as shortcuts for a variety of 1 your shots.The XL2 is the perfect camera for so many shooting applications because of its widely adaptable functionality. From simple handheld shots to complicated multicamera setups, the XL2 can handle it all with consistency and exceptionally highperformance.

SMPTE TIME CODE EBU COLOUR BAR AND IEEE1394 CAMERA CONTROL The XL2 achieves full professional TEST TONE HDD utility with SMPTE time code capability In addition to the EBU colour bar that Connect the XL2 directlyThe XL2 started with the same design philosophy and added improvements to create a completely modular video camera package to suit your needs. For maximum strength and portability, it is constructed from a hightolerance impactresistant magnesium alloy frame with a builtin shoulder support and distinctive pearl white finish.Audio 2 input selector switch 1. EVF display selector 13. Exposure lock button 27. Audio level meter and manual 36. Audio 1 input selector switch and seleZoom speed select switch for channel 1 and 2 58. Pause 67. Video terminal RCA 77. Main zoom lever 49. XLR inThe creative possibilities are virtually endless with the XL2's wide range With the EF Adapter pictured here with the of inbox and optional accessories. Find the user Canon XL2 Camcorder User Manual. Page 1. Page 2 XL2 Digital Video Camera. Please read this manual carefully before you use the camcorder and retain it for future

reference. Symbols and View and Download Canon XL 2 instruction manual online. Canon XL2 Instruction Manual. XL 2 Camcorder pdf manual download. Canon XL2 Camera training manual PART 1 GETTING STARTED WITH THE CANON XL2.Thank you for purchasing the Canon XL2. Please read this manual carefully before you use the camcorder and retain it for future reference. The ultimate 3CCD DV camera system for creative filmmaking. XL2 Camcorder pdf manual 27 May 2015 Introduccion. Utilizacion de este manual. Gracias por adquirir la Canon XL2. Antes de utilizar la videocamara, lea detenidamente este manual y conservelo para Report housing scams, James machine calibration report, Vietnam country report 2008, Massachusetts state police exam preperation guide, Fifteen thousandths in standard form. Reload to refresh your session. Reload to refresh your session.

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Canon brand peripheral equipment and software which may be distributed with, or factory loaded on, the Equipment, are sold AS IS without warranty of any kind by Canon USA, including any implied warranty regarding merchantability or fitness for a particular purpose. The sole warranty with respect to such nonCanon brand items is given by the manufacturer or producer thereof. If the Equipment contains a hard disk drive, Canon USA recommends that data stored on that drive be duplicated or backed up to prevent its loss in the event of failure or other malfunction of such drive. Canon USA shall have no responsibility under this limited warranty for use of the Equipment in conjunction with incompatible peripheral equipment and incompatible software. In order to obtain warranty service, contact the authorized Canon retail dealer from whom you purchased the Equipment or call the CANON INFORMATION CENTER AT 1800OKCANON. You will be directed to the nearest service facility for your Equipment. This Limited Warranty covers all defects encountered in normal use of the Equipment and does not apply in the following cases This warranty does not cover units sold to rental firms, military operations, hotels, schools, hospitals or for other commercial, industrial, or institutional applications. These uses are covered only by such specific warranty as Canon may issue with such sales. This Limited Warranty does not apply to accessories or consumables for the Equipment, which are sold "AS IS", without warranty of any kind by Canon USA. Please retain this warranty card and your Bill of Sale as a permanent record of your purchase. This card is most important in order to be sure you are contacted right away should there be a safety inspection, modification or product recall under applicable laws or regulations.This limited warranty

is only effective upon presentation of your Bill of Sale or other proof of purchase.

The Equipment is warranted under normal, noncommercial, personal use, against defective materials or workmanship as follows Parts Defective parts will be exchanged for new parts or comparable rebuilt parts for a period of ONE YEAR from the date of original purchase, except for a defective Video Head, which will be exchanged for a period of three months from the date of purchase. Labor For a period of ONE YEAR from the date of original purchase, labor will be provided free of charge by our factory service centers or designated service facilities located in the United States. When returning Equipment under this warranty, you must prepay the shipping charges, and you must enclose the Bill of Sale or other proof of purchase with a complete explanation of the problem. During the ONEYEAR warranty period, repairs will be made and the Equipment will be returnshipped to you free of charge. For repairs after the warranty period is over, you will be given an estimate of the cost of repair and an opportunity to approve or disapprove of the repair expense before it is incurred. If you approve, repairs will be made and the Equipment will be returnshipped to you. shipping charges apply. If you disapprove, we will returnship the equipment at no charge to you. Canon brand peripheral equipment and software which may be distributed with, or factory loaded on, the Equipment, are sold AS IS without warranty of any kind by Canon USA, including any implied warranty regarding merchantability or fitness for a particular purpose. The sole warranty with respect to such nonCanon brand items is given by the manufacturer or producer thereof. If the Equipment contains a hard disk drive, Canon USA recommends that data stored on that drive be duplicated or backed up to prevent its loss in the event of failure or other malfunction of such drive.

Canon USA shall have no responsibility under this limited warranty for use of the Equipment in conjunction with incompatible peripheral equipment and incompatible software. In order to obtain warranty service, contact the authorized Canon retail dealer from whom you purchased the Equipment or call the CANON INFORMATION CENTER AT 1 — 800OKCANON. You will be directed to the nearest service facility for your Equipment. This Limited Warranty covers all defects encountered in normal use of the Equipment and does not apply in the following cases Loss or damage to the Equipment due to abuse, mishandling, accident, improper maintenance, or failure to follow operating instructions; If the Equipment is defective as a result of leaking batteries, sand, dirt or water damage; If defects or damages are caused by the use of unauthorized parts or by service other than by Canon USAs factory service centers or authorized service facilities; This Limited Warranty does not cover cabinet exterior finish, video cassette tape, head cleanings, nor does it apply to Equipment purchased outside the United States. This warranty does not cover units sold to rental firms, military operations, hotels, schools, hospitals or for other commercial, industrial, or institutional applications. These uses are covered only by such specific warranty as Canon may issue with such sales. This Limited Warranty does not apply to accessories or consumables for the Equipment, which are sold "AS IS", without warranty of any kind by Canon USA. Please retain this warranty card and your Bill of Sale as a permanent record of your purchase. This card is most important in order to be sure you are contacted right away should there be a safety inspection, modification or product recall under applicable laws or regulations.Scroll down to easily select items to add to your shopping cart for a faster, easier checkout.

Visit the Canon Online Store An optional accessory for the GL2, the BP945 can deliver up to threeandahalf hours of recording time using the viewfinder only or up to 200 minutes when the LCD screen is used.Times vary depending on camcorder. 7200mAHIt will charge one battery at a time.Once the batteries are charged, the CH910, with batteries in place, can be clipped to your belt and then connected directly to a Canon Digital Camcorder. This will give you twice the recording time of just one battery. It can be used with any combination of Canon BP900 series LithiumIon batteries.Since the mic is powered by the camcorders power source, you remain cable free. Wind

shields are included.The main compartment can be custom fitted with two padded partitions; an internal padded compartment on one side is perfect to store a charger, batteries, cassettes, etc. Two additional flat pockets are available one internal and one external. Carrying options include a Padded Mesh Grip handle and a SPAD shoulder strap.It attaches to the camcorders advanced accessory shoe, providing power and connections without any wires.With a depth of almost 300mm, the case will also hold a range of other accessories in its base, making the package completely versatile. Page Count 9 One Canon Plaza, Lake SuccessOntario L5T 1P7 Canada. Canon Mexicana, S. DE R.L. DE C.V. Blvd. M. A. Camacho No. 138, Piso PB,C.P. 11000 Mexico, D.F. Mexico. Canon Latin America, Inc.Miami FL 33126 U.S.A.Hunghom, Kowloon, Hong KongOverengineered.North American TV viewingThe Canon XL2. Born of the highlyThe Canon XL2. A powerful 20x professional fluorite lens. Access to a. An interchangeable lens system in aA superior 3CCD progressive scan imaging system delivering outstandingProfessional. Unsurpassed. Image QualityWhatever you'reInterchangeable Lens SystemAs the marketXL2 delivers bothProgressive Scan 3CCD. System. The XL2 features a 3 CCD system with aEach CCD containsCanon is the only company to offer a.

MiniDV format camcorder with interchangeable lenses. The XL2 offers you theLens, 16x Automatic Lens, 16x Manual. Lens and a 3x Wide Angle Lens. The 20xOptical Image Stabilization, zoom andCanon's superb Optical Image StabilizationBy incorporating a gyro sensor toSuper Range usesThe XL2 meets theThe 16x IS II Lens also with Super Range. Optical Image Stabilization resolves toFor wide angle imaging. Canon offers the 3x Wide Angle Lens withUsing Canon's optional EF Adapter opensThe Canon XL2. Puts the control of your vision in your hands, whereFor YourCreative VisionThe XL2 ready, willing and able. Master RGB Gain. Set Up Level. Master Pedestal. Skin Detail. Gain. The Master RGB control offers 13For professional fine tuning ofThe Master Pedestal, which isYou can adjust hue, chroma, area,A zebra pattern identifyingThe following video gainXL2 Cine. With increasing emphasisXL2 offers you the abilityGamma. Black. Color Matrix. Vertical Detail. Sharpness. Coring. Noise Reduction. Color Gain. Color Phase. The gamma curve of theThe highlight area level isControl the depth of blackYou can change from aThere are 2 settingsChange the degree ofHelps decrease imageRemove video noise—nonpicture artifacts such asAdjustable in 13 steps,Adjust the Color Phase ofProgrammed Auto Exposure. Modes provide automated,Auto, ShutterPriority, AperturePriority, Full Manual, Spotlight. Low Light and Easy Recording. Using AE Shift,AE Lock, you can hold the exposure at aThe XL2 offers you Automatic White. Balance including a fully automatedZebra Pattern. Zoom Control. Custom Keys. Custom Presets. Durable Design. The XL2's color viewfinder displays 169. Letterbox, as well as full screen 43. TheBest of all,Displayed in the viewfinder but notThis helps guide aperture and shutterThe XL2 features zoom controls on bothYou can assign frequently used functionsEach of three custom presets can beThese presets can be transferred to another. XL2 using the IEEE1394 connection.

The XL2, designed for extensive field use,Intuitive Operation. Within moments of puttingThe Canon XL2. Designed to bring out your professional side. OutstandingInterchangeable lenses. Selectable aspect ratio. Selectable frame rates. Oncamera XLR and BNC. MaximizeSMPTE time code. An outstanding design. The list goes on. The Canon XL2 is ready for you. Recording Options. Audio Control. Professional Features. The XL2's Clear Scan feature is designedInterval Timer can be programmed to recordSet intervals include 30 seconds; 1 minute;Set recordingAccessory Shoe are attached, the XL2 canThe XL2 has individual gain controls forThe audio level can be monitored in theThere is a headphone terminal with level control for monitoring the audio when recording or playback. The XL2 can generate SMPTE color bars,On top of that,Svideo terminals. XLR Audio Inputs. The XL2 has two builtin. XLR connectors on theMicrophone Adapter, with two additional. XLR connectors. Advanced Viewfinder. Settings. The XL2's viewfinder has three indicatorsRec, Gain. In addition, all viewfinder displayDual Battery Charger and. BP945 BatteriesButton. Cursor Keys. SEARCH Button. SEARCH Button. ButtonWideAngle 3x Zoom Lens XLXL 5.486.4mm. Includes features like a variableND filter, manual focus, zoomHigh resolution exceeding 600 TVThis manual

lens gives you theEF Adapter XL. EF Lenses. Ratio Converter RC72. FS72U Filter Set. Allows the attachment of over 50. Canon photographic EF lenses toSelect from over 50 highquality. Canon EF lenses, ranging from. Fisheye to Super Telephoto to aWhen shooting in 43 Mode, thisIncludes Neutral Density ND 8. Polarizing and Ultraviolet filters. DM50 Directional Stereo. Microphone. MA300 Microphone Adapter. FU1000 Monochrome CRT. Viewfinder Unit. VL10LI Battery Video Light. The DM50 is a directional stereoAdvanced Accessory Shoe, no cablesLithium Ion Battery Packs. These high capacity lithium ionProviding power and audioProfessional style 1.5 inchCH910 Dual Battery Charger.

CB920 Car Battery Adapter. It holds two lithium ion batteries. Can charge them consecutively orPower your camcorder using the. DC920 or changing lithiumionExtender XL 1.6 x. Increases the focal length of the. XL2 lens by 1.6x. With its 10watt illumination,ZR1000 Zoom Remote. Controller. Variable and Single Speed Zoom. The FireStore FS4 eliminates the need to capture priorCompact, portable,TA100 Tripod Adapter. System Case HC3200. TA100 Tripod Adapter allows you. XL2 on or from a tripod. A solid, lockable case that allowsOffering all the benefits of the FireStore FS4, the ProAvailable in 40GBSpecifications. Intentionally. Overengineered. Power Supply 7.2V DC battery pack. Power Consumption 7.1W recording with AF, 20x zoom XL 5.4108 L IS mounted. Television System EIA standard 525 lines, 60 fields NTSC color signal. Video Recording System Two rotating heads, helical scan azimuth recording, DV System Consumer digital. VCR SD system digital component recordingTape Format Video cassettes bearing the a mark. Maximum Recording System SP; 80 min., LP; 120 min. Viewfinder 2.0inch TFT color LCD; Approx. 200,000 pixels, RGB delta configuration. Microphone Stereo electret condenser microphone. Lens Mount XL interchangeable lens system. Image Stabilizer Optical system VAP, 20x zoom XL 5.4108mm L IS installed. Focusing System TTL autofocus. Manual focusing possible 20x zoom XL 5.4108mm L IS installed. Minimum Object Distance 20mm Wide macro, 1m entire zoom range 20x zoom XL 5.4108mm L IS installed. White Balance Auto white balance, preset white balance indoor, outdoor or custom white balance. Minimum Illumination Approx. 5.5 lx 20x zoom XL 5.4108mm L IS installed, auto mode, 60i frame rate. Recommended Subject Illumination More than 100 lx. Filter Diameter 72mm XL lens. ATT 20 dB. Front Microphone Input Terminal o3.5mm stereo minijack unbalanced. Headphone Terminal o3.5 mm stereo minijack. Editing LANC Terminal o2.5 mm stereo minijack.