

MATERIAL HD - CINE ALTA PREÇO DE PROMOÇÃO 1 KIT €1000,00/DIA 2 KIT`s €1500,00/DIA			
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TRIPÉS	2	Tripé Schatler Cine 75 HD	
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	1	Vectroscópio Tetromix	WFM 5000
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	1	Monitor de 20" High Grade	LMD-2050W
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Para mais informações

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HDW-F900R

HD CineAlta camcorder, offering 2.2 million pixels per colour, HDCAM recording and switchable between multiple frame rates including 50i, 24P and 25P. Viewfinder not supplied.

Features

HAD sensor technology

The HDW-F900R uses Hyper HAD sensor technology incorporating the latest FIT sensor and on-chip lens structure. Three 2/3-inch FIT CCDs each with 2.2 million-pixels provide excellent imaging quality acquiring pictures at 1920 x 1080 CIF (Common Interchange Format) resolution.

12 bit ADSP

12 bit A/D conversion and advanced digital signal processing ensures excellent tonal reproduction, for the most demanding applications.

Choice of Multiple frame rates

You can select from a number of frame rates to match the required look for each production. 50i and 59.94i can be selected to acquire interlaced "TV look" pictures, with 23.98P, 24P, 25P and 29.97P also available for "film look" (progressive) images. Please note that 30P and 60i modes are not supported.

TruEye Processing

TruEye virtually eliminates hue distortion, especially in extreme lighting conditions. TruEye processes video data in a similar way to the human eye - processing brightness, hue and saturation. This significantly improves the reproduction of natural skin tones.

Multi Matrix

Multi Matrix provides further in-camera creative control and can be used to match colourimetry during multiple camcorder shoots. It is also effective for manipulating the hue and saturation of specific selected colours within a scene. One example would be to adjust the hue and saturation of a flower petal without changing other colours within the picture.

Auto Trace White

Auto Trace White (ATW) is a feature that automatically adjusts the white balance as lighting conditions change. This is ideal when shooting in rapidly changing lighting conditions (for example, when moving from an indoor to an outdoor location). Conventional Auto White Balance is also available.

Creative control with User Gamma

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The CvpFileEditor can be used with the HDW-F900R for creation of custom gamma curves. Existing gamma curves, generated for use with the original HDW-F900 can also be applied.

Long record duration onto HDCAM cassettes

The HDW-F900R records up to 50 minutes onto a small HDCAM tape when shooting in 24P mode. Maximum record durations at 50i and 59.94i are 48 minutes and 40 minutes.

Dual optical filter wheel

The HDW-F900R is equipped with dual optical filter wheels. You can choose from the following Neutral Density (ND) settings: CLEAR, 1/4ND, 1/16ND and 1/64ND, and the following Colour Correction (CC) settings A:5600K, B:3200K, C:4300K and D:6300K.

Optional HD to SD down conversion

The HKDW-702 HD to SD downconverter option used with the HDW-730S and HDW-750P HDCAM camcorders can be used with the HDW-F900R. SDI or analogue VBS can be output from the camcorder when this option is fitted. Alternatively, the new HKDW-902R board can be installed. In addition to downconversion, 2-3 pulldown is supported which allows NTSC monitoring at 59.94i when the camcorder is running at 23.98PsF.

Slow Shutter and Image Inversion

The new HKDW-905R option can be installed into the HDW-F900R to add slow shutter capability (up to 64 frames) and image inversion. The slow shutter feature can be used to either boost sensitivity or to enable motion blur to be used as a creative tool. Image inversion allows the camcorder to be used with a wider range of anamorphic and film.

Picture Cache Recording

It's always annoying to miss a great shot, especially when shooting wildlife footage. Picture cache recording provides an additional chance to capture the action even if it occurred before the REC button was pressed. An optional HKDW-703 can be installed into the camcorder to provide this feature. This allows you to capture up to 8 seconds of material immediately before you press the record button.

Time Lapse

The HKDW-703 also provides Time Lapse (Interval) Recording. In MANUAL mode, 1 to 8 frames are recorded each time the REC button is pressed. In AUTO mode, the overall recording time is set (e.g. 10 minutes) along with the playback time on tape (e.g. 10 seconds). Using the picture cache to achieve Time Lapse reduces the mechanical wear to the record mechanism.

More choices for signal output

The HDW-F900R is equipped with two HD-SDI outputs as standard, allowing high definition pictures to be monitored directly on-site without the need for an additional adapter. One of these outputs can be switched to standard definition when the camcorder is fitted with an optional HKDW-702 or HKDW-902R board.

Same optical axis as the original HDW-F900

The HDW-F900R uses the same optical axis as the original HDW-F900. The lens accessories developed for the HDW-F900 can be used without modification.

Great audio performance

Four channels of digital audio can be input to the HDW-F900R via two XLR inputs. Each XLR receives 2 channels of AES/EBU audio data at 20 bits resolution.

Slot-in wireless receiver

You can slot a Sony wireless receiver directly into the chassis of the HDW-750P. This adds wireless receiver functionality without compromising the compact ergonomic design of the camcorder. A Sony WRR-855A/B can be used.

Rugged and ergonomic design

The design of the HDW-F900R is based on years of Sony experience in camera design and provides a high level of mobility and balance to minimise fatigue in all shooting conditions. Combined with the viewfinder, battery, cassette and microphone, the total weight is only 5.4 Kg.

SONY



HDVF-20A

HD Electronic Viewfinder (2IN)

2-inch 16:9 widescreen B/W CRT viewfinder for the HDW-F900 (optional), HDW-750 (supplied), HDW-730 (supplied), HDW-730S (supplied) and HDC-950 (optional) -

- High resolution—500 TV lines at center in both 16:9 and 4:3 modes
- Accommodates multiple frame rates
- 16:9/4:3 switchable
- The eye-piece is removable from the viewfinder to allow direct view of the CRT
- Marker indication on/off function
- A tally lamp for the camera operator is located on the viewfinder body so it can be seen even when not looking at the viewfinder screen (a sliding cover is available for this lamp)
- Comes equipped with a new external microphone

SONY



HKDW-702/1

Down Converter Opt For HDW-750P

*Used with the HDW-750P/730S series *Provides down-converted Standard Definition output *The output is available in SD-SDI or analog comp



VCT-14

TRIPOD ADAPTOR FOR PORT. CAMERAS/CAMC.

SACHTLER SYSTEM CINE 75



CINE 75 HD : TOP CLASS FOR THE FINEST PRODUCTIONS

Classic film cameras are being increasingly replaced by high definition cameras in the area of movie production. Sachtler's fluid head Cine 75 HD is ideal for both types of production. The payload range of 4 to 75 kg / 9 to 165 lb also comes with a huge selection of accessories for the various cameras used with the head. And, of course, interfaces for a Front Box and viewfinder extension are standard accessories.

Cine Mitchell L + Spreader Cine : The new tripods Cine long and Cine medium are high achievers in the demanding world of film and HD production. Extremely stable, their robust aluminium legs and large-sized spikes ensure that the tripod stands firm - no matter what surface you're working on. The large tripod clamps even allow you to keep your gloves on while opening and closing the tripods in icy temperatures. The height ranges of the different versions ideally complement each other, allowing them to be used in a wide variety of applications. In addition, the Cine 2000 short offers a minimum height of 17 cm / 6.7", making it ideal to keep the tripod footprint to a minimum.
[Click here for more product information.](#)

LENS /LENS ADAPTORS - CANON - HJ11ex4.7B



Canon HJ11ex4.7B IRSE Lens :

The Canon HJ11ex4.7B IRSD/IASD stands as the widest-angle HDTV lens ever produced. Its HDxs system represents an immense jump in width from Canon's previous standard in this field, the HJ9X5.5B, with a slightly lower size and weight. With performance and specs that were thought to be impossible only a year ago, the Canon HJ11ex4 with HDxs sets a new standard in the ENG/EFP class.

Features -

- Widest HDTV lens available
- Digital Drive Unit
- X-Element & Power Optical System

Technical Specifications -

Zoom Ratio: 11x

Built-in Extender: 2.0x

Range of Focal Length (with Extender): 4.7-52mm, 9.4-104mm (2.0x)

Maximum Relative Aperture (with extender): 1:1.9 at 4.7-40.3mm, 1:2.45 at 52mm, 1:3.8 at 9.4-80.6mm, 1:4.9 at 104mm (2.0x)

Angular Field of View (with Extender)

4:3 Aspect Ratio (8.8 x 6.6mm): 86.2° x 70.1° at 4.7mm, 9.7° x 7.3° at 52mm, 50.2° x 38.7° at 9.4mm, 4.8° x 3.6° at 104mm (2.0x)

16:9 Aspect Ratio (9.6 x 5.4mm): 91.2° x 59.8° at 4.7mm, 10.5° x 5.9° at 52mm, 54.1° x 32.1° at 9.4mm, 5.3° x 3.0° at 104mm (2.0x)

Minimum Object Distance (M.O.D.): 0.3m(10mm with Macro)

Object Dimensions at M.O.D. (with Extender)

4:3 Aspect Ratio (8.8 x 6.6mm): 65.3 x 49.0cm at 4.7mm, 5.7 x 4.3cm at 52mm, 32.7 x 24.5cm at 9.4mm, 2.9 x 2.2cm at 104mm (2.0x)

16:9 Aspect Ratio (9.6 x 5.4mm): 71.4 x 40.2cm at 4.7mm, 6.2 x 3.5cm at 52mm, 35.7 x 20.1cm at 9.4mm, 3.1 x 1.8cm at 104mm (2.0x)

Size (W x H x L): 157 x 105.5 x 241.0mm

Weight (Approx): 1.86kg (4.10lbs)/1.96kg (4.32lbs)

LENS /LENS ADAPTORS - CANON - J17ex7.7B



The J17ex7.7B featuring the new breakthrough technology.

Canon has developed breakthrough optical design concept using a newly developed optical element in the most effective way. We have named the new design concept the "Power Optical System" which can achieve higher specifications and quality in smaller size and lighter weight, using the new optical "X-Element" which realize complete elimination of its aberration.

Canon 16x9/4x3 crossover system for switchable cameras is available as an option (WRS/WAS).

Features -

Focusing System

Latest IF system provides high MTF and optical quality.

Hi-UD Glass

(High Index Ultra low Dispersion Glass) Dramatically reduces longitudinal and lateral chromatic aberration

High MTF

Computer design to upgrade current 5MHz contrast to 6MHz

Short M.O.D., 0.6m (2ft)

Minimized variation of aberrations while focusing

Minimized Distortion

Reduced longitudinal and lateral chromatic aberration

Countermeasures against ghosting and flares

New coating and anti-reflection paint achieve the elimination of ghosting and flare.

Among the standard features on the J17ax is Zoom Track, a new Digital Drive function, which allows the camera operator to set the electronic focal length end stops to their desired position for both the tele and the wide side of the lens. Other main features of Canon's Digital Drive include Speed Preset, Shuttle Shot, Framing Preset, Zoom Mode Select and improved maximum zoom and focus servo speed. The benefits of Digital Drive include advanced ergonomics and faster digital controls that bring operators a highly useful group of functions, and add to the overall value of the J17ax.

Crossover for switchable cameras is available is an option (WRS/WAS).

Using the exclusive X-element and Power Optical System, Canon IFxs lenses achieve higher specs and quality in a compact size. Extensive 3D-CAD modeling on the J17ax has resulted in the most advanced mechanical structure and weight balance to arrive on the market.

LENS /LENS ADAPTORS - CANON - HJ22ex7.6B



Description

CANON HJ22ex7.6B IRSE/IASE. Canon makes a strong HD ENG/EFP lineup even stronger with two new lenses for NAB 2004.

The highest-quality tele portable lens yet from Canon, the HJ22ex7.6B benefits from the optical excellence of Canon's e-HDxs system, featuring the precision control of the second generation of enhanced Digital Drive. As the replacement for Canon's popular HJ21x7.8B, the HJ22ex gives users more of what they're asking for in a small 4 lb. package, with an even wider angle of 7.6mm. Canon's Crossover system, for switchable 16:9/4:3 version, is optional for even greater versatility.

Canon's new HJ17ex7.7B takes HD portability even further as it replaces the widely used HJ16x8B. It is a fast lens (f 1.8), and features the performance of e-HDxs that uses Canon's X-Element and Power Optical System for highest-quality optics in a compact and lightweight housing that weighs in at just 3.83 lbs. The optional flexibility of Crossover makes it a standout performer in 16:9 or 4:3 formats.

Features -

Canon proudly releases a new Broadcasting Lens Technology, e-HDxs. The e-HDxs technology consists of two meanings that start from the letter "e". One is the "ecological design", the design harmless to the environment. The other is the "enhanced digital" technology that improves the performance of the digital drive unit. Of course, the new technology inherits all the advantages from its predecessor, the HDxs technology, which includes the advanced optical design concept, based on the X-Element technology. Complete "Customer Satisfaction" is our goal.

Enhanced Digital Drive

The e-HDxs technology is equipped with an informational display and Digital Function Selector, an X-Y axis switch, so that the user can customize the enhanced digital functions much more easily and precisely. This new design enables the user to bring out the digital functions fully.

- User settings are both simple and easy to operate. Under settings included: speed preset, framing preset (2 memory positions now), shuttle shot, zoom track, new focus preset with IASD lens and others.
- User settings for zoom and focus curve mode for precise control based upon the users requirement.
- New AUX 1 and AUX 2 switches can be assigned for basic functions giving enhanced memory capability.
- A precise movement mode can be memorized for the zoom seesaw control, zoom demand control and preset control.
- The drive unit can memorize 9 patterns of user-customized settings and also transmit the data between different drive units.

Ecological Design

It is Canon's policy to not pollute the earth and through research, we are quickly reaching the goal. The e-HDxs technology has avoided using any materials or substances that could pollute the environment. The

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optical parts, featuring lead free glass, are designed to be completely non-polluting and the mechanical parts are virtually free of all harmful products to the earth, such as cadmium, PBBS*, PBDPE* or mercury. *PBBS: Poly Bromo Bi Phenyls *PBDPE: Poly Bromo Di Phenyl Ethers

X ? Element & Power Optical System

Canon has developed breakthrough optical design concepts using a newly developed optical element in the most effective way. We have named this design concept the ?Power Optical System? which can achieve higher specifications and quality in a smaller size and lighter weight, using a unique optical ?X-Element? which realizes complete elimination of its aberration.

CANON ZSD-300D DIGITAL ZOOM SERVO DEMAND



Canon ZSD-300D Digital Zoom Servo Demand - for J21, J16, J11, HJ21, HJ18, HJ16, HJ11 and HJ11 Digital Drive ENG/EFP Lenses.



BVM-A14F5M Previous Model

14-inch, Multiformat stand-alone monitor- BVM-A Series

Sony Trinitron CRT technology offers many benefits to users. The vertical flatness of the screen reduces the ambient light reflection. It also offers very bright, high contrast pictures combined with high picture resolution, low uniformity and purity errors.

High Resolution picture - 800 TVL.

Sony Trinitron CRT technology offers very high picture quality for the finest picture reproduction.

Multiformat capability

This monitor is capable of displaying each input format at its native frequency and resolution with an extreme degree of colour accuracy. It accepts the following format:
575/50i, 480/60i, 575/50p, 480/60p, 1080/24PsF, 1080/50i, 1080/60i, 720/60p, 720/50p

Dual-Link HD-SDI

Using two HD-SDI connectors in a pair, the BVM-A Series allows a variety of digital 4:4:4 HD signals to be accepted. This feature ensures precise and sharp colour reproduction.

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Digital uniformity

With the BVM-A Series, white can be reproduced uniformly on every point of the screen, even in the peripheral area, using the digital uniformity circuit.

EBU phosphors for best colour reproduction.

Sony high resolution HR Trinitron CRT's are all equipped with EBU standard phosphors. The tight tolerances of the EBU standard guarantee a precise colour reproduction.

Auto White balance facility (Konica Minolta, DK technologies, UDT instruments and Sony probe).

This feature will allow you to match the white and black level of your various monitors to the recommended standard. In addition to the EBU phosphors a precise picture reproduction is obtained.

Modular concept with separate control unit and memory stick

With the use of a memory stick,, you can save and download all monitor set-ups such as the input channel configuration, control preset adjustments, white balance settings and maintenance parameters.

Optional slots for various input decoders (3 slots).

Depending on your requirement, the most appropriate decoders can simply be inserted in the option slots at the rear of the monitor.

Serial remote interface for multiple monitor control.

Up to 32 monitors can be fully controlled through this serial remote interface by a separate control unit BKM-15R.

SNMP Remote Protocol*

The BVM-A Series monitors support the SNMP protocol through their Ethernet ports, allowing maintenance information to be monitored and logged on compatible remote maintenance software * A future feature (by the end of April 2006



TEKTRONIX WFM5000 COMPACT HANDHELD SD / HD MULTI-FORMAT COMPACT WAVEFORM MONITOR / RASTERISER

LUMA LMD-9050



ENTRADA DIGITAL HD-SDI E SD-SDI PARA UM MONITORAMENTO VERSÁTIL.

O monitor portátil LUMA LMD-9050 oferece conveniência de monitoramento em campo e no estúdio. Com capacidade de entrada digital HD-SDI e SD-SDI, pode exibir imagens HD usando suas entradas de vídeo componente analógico. Graças ao seu painel de 9 polegadas e alta pureza, pode ser alimentado por bateria, fonte AC ou DC e carregado na mão, apoiado sobre uma mesa ou instalado em rack-padrão.

Características

LMD-9050

Versatilidade de entrada

Para manter a unidade simples e despojada, o monitor portátil LUMA LMD-9050 oferece todas as entradas embutidas como item padrão, em vez de usar módulos de entrada opcionais. Para uma monitoração SD típica, oferece interfaces para vídeo composto analógico (NTSC/PAL), vídeo componente/RGB analógico (525/60i e 625/50i) e Y/C (S-Vídeo) analógico. Fornece, ainda, uma variedade de formatos digitais SD e HD progressivos por meio de sua interface HD-SDI*. Os formatos incluem 480/60P e 576/50P, e 1080/60i, 1080/50i, 720/50P, 720/60P e 1080/24PsF de alta definição.

Alta qualidade da imagem com excelente brilho e contraste

O LMD-9050 fornece imagens de alto brilho e contraste via painéis de LCD com ampla abertura. Além disso, o uso de filtros RGB fabricados com precisão garante a reprodução de cores com profundidade e saturação, criando imagens extremamente naturais.

Amplo ângulo de visão

O painel de LCD usado LMD-9050 tem ângulo de visão de 170 graus, tanto horizontal quanto verticalmente, com redução mínima do contraste da imagem.

Painel com proteção anti-reflexo

O LMD-9050 faz uso de uma resistente camada de proteção anti-reflexo, que minimiza a chance de o painel ser riscado durante o transporte - um critério muito importante para uso em aplicações móveis. O revestimento anti-reflexo tem mais duas características exclusivas: fornece uma alta taxa de transmissão da fonte interna de luz para manter a imagem o mais brilhante possível, e mantém o reflexo de luz ambiente em níveis mínimos. Como resultado, o monitor mantém o alto contraste mesmo nas áreas escuras da imagem, ainda que usado em condições de luz intensa.

Conveniência operacional

Kit ENG VF-509

O LMD-9050 é uma escolha estratégica para uso em operações de campo do tipo ENG e EFP. Quando comparado aos monitores CRT, o contraste de imagem do LMD-9050 é menos afetado pela luz ambiente, permitindo a visualização de imagens claras, mesmo sob intensa luz solar. Para uma maior proteção, o kit opcional VF-509 ENG oferece um anteparo de monitor, uma alça para transporte e um protetor para conector.

Exibição alterável entre 4:3 e 16:9

A relação de aspecto de varredura pode ser alternada entre 4:3 e 16:9.

Tamanho de varredura selecionável

O tamanho de varredura pode ser selecionado entre os modos 5%, overscan, 0% e -3%, underscan.

Configurações de marcador avançado

O LMD-9050 pode exibir vários marcadores de área, incluindo um marcador central e marcadores de aspecto. O brilho dos marcadores pode ser selecionado nos níveis branco, cinza e cinza escuro, e sua largura pode ser selecionada entre os modos FINE, STANDARD e BOLD. Os usuários também podem selecionar a cor preta ou cinza fosca para preencher a área externa dos marcadores de aspecto. Esses controles flexíveis de marcador, juntamente com a escolha de muitos marcadores de aspecto diferentes, tornam o LMD-9050 extremamente conveniente para várias situações de captura.

Temperatura de cor/Seleção gamma

É possível selecionar as temperaturas de cor 'high' (alta), 'low' (baixa) ou uma predefinida pelo usuário. Também é possível selecionar uma variedade de modos gamma.

Indicador de três cores

O LMD-9050 vem equipado com uma lâmpada indicadora que pode ser acesa via conector remoto paralelo. O status do sinal exibido no monitor pode ser identificado pela cor indicadora: vermelho, verde ou âmbar.

Controle remoto paralelo

O LMD-9050 pode ser controlado remotamente via seus conectores remotos paralelos. No menu remoto há 27 funções (como a capacidade de alternar os sinais de entrada), dos quais sete podem ser alocados para o conector.

Monitoramento de áudio mono

O LMD-9050 é equipado com um alto-falante (0,5W) para monitoramento do áudio.

Controles protegidos

A função de bloqueio de tecla ajuda a evitar operações indesejadas do painel de controle.

Instalação conveniente e flexível

O LMD-9050 tem altura 5U e largura de meio rack. Com o suporte de montagem opcional MB-525 com recurso de inclinação de nove posições, é possível instalar duas unidades lado a lado em um rack padrão EIA de 19 polegadas.

LMD-2050W MONITOR



Strengthening Sony's existing LMD monitors, the LMD-2450W and the LMD-2050W, the one-piece LMD-4250W, with sheet key on the front bezel, provides broadcast professionals with an exceptionally large screen to view and edit footage. Complete with ChromaTru,™ Sony's colour-management technology compensates for variations in LCD colour levels typically caused by differences in chromaticity coordinates, colour temperature and gamma curves. Designed for a wide range of applications, the LMD-4250W offers full HD resolution (1920 x 1080) on a 42-inch screen. The LMD-4250W also provides uniform pixel-to-pixel colour reproduction for accuracy and consistent reproducibility and delivers broadcast-quality gradation.

The LMD-4250W monitor is equipped with a variety of analogue video inputs including analogue and digital computer inputs. Digital video inputs are available in SD and HD through an option board that provides multi-format capabilities from SD up to HD 1080/60i.

Daniel Dubreuil, Senior Manager, Product Marketing, Sony Europe commented, "The latest addition to Sony's LMD video monitor range meets the broadcast industry's increasing demand for high-quality HD and flat-screen technology. The LMD-4250W offers an easy upgrade to HD production and provides capability for multi-screen and quad-split viewing, along with system scalability, to help facilitate a more efficient workflow in a variety of applications, including production and post-production environments."

[The LMD-2050W offers an easy upgrade for HD production.](#)

Mike Pearce, Facilities Manager at LEM Digital, who hire and support digital editing systems for film and television productions commented, "We do a lot of research with the products that we use to find the technology that our clients prefer and in the monitor's market, Sony always comes out on top. The picture and colour quality of the new LMD range is particularly impressive". Ease of use has also led to a high take up of the LMD family. Pearce went on to add, "In our line of work, we require monitors of the highest standard and these monitors are also functionally intuitive allowing our engineers to set up the monitors specifically for each client or production quickly and easily."

Visual Impact, the international broadcasting equipment supplier, has invested over £800k in Sony's new HDW-790P camcorders and LCD monitors. This reflects the growing trend for more and more productions to be shot in HD and the improvement in LCD technology. "These products give our customers greater flexibility at lower costs," said Tim Sparrock, Sales Director. "Previously LCD technology could never match that of CRT's for critical viewing but these new monitors are a great leap forward in picture quality."

~~“The ability of DV video technology has just topped the market; it's a great advantage. Full HD is a system, resulting in the~~