HDR-AX2000
AVCHD™ Flash Media Handycam® Camcorder

The new Sony® HDR-AX2000 HD flash camcorder now offers you the convenience of recording directly onto non-linear flash media, while maintaining the quality and control of a professional camcorder—all at a fraction of the cost.

1920x1080/60i with Film-like Progressive Recording 24p/30p
Record amazing HD video at full 1920x1080 resolution with the option of film-like Progressive Recording at 24p or 30p. Plus you can record your video at 24Mbps, the highest possible bit-rate for AVCHD™, and enjoy near Blu-ray Disc™ quality video reproduction.

G Lens: 29.5mm Wide-Angle to 590mm (20x) Telephoto
Equipped with a 29.5mm wide-angle G Lens made from an advanced 10 group, 15 element lens including Extra-low Dispersion glass. This reduces chromatic aberration caused by light refraction and produces video with extremely low color fringing. The 20x optical zoom (29.5mm-590mm: 35mm conversion) lets you zoom in on faraway subjects with no loss in image quality.

Optical Steadyshot™ image stabilization with Active Mode
Nothing’s more jarring—and unprofessional—than a shaky video. Smooth things out by taking the next step forward in Sony® image stabilization technology.

Get the flexibility you need for maximum shooting versatility.
The Sony® HDR-AX2000 features three independent manual rings—zoom, focus and iris—for superior control and flexibility.

Excellent versatility in adverse lighting conditions
Whether you’re shooting a wedding by candlelight, a sunny beach, bright ski-slope, or a sunset cruise—the HDR-AX2000 will record superb video down to a 1.5lux rating and has 3 steps of ND filters to assist in harsh lighting conditions.

Put yourself in the director’s chair
Now your videos can appear closer to the look of actual film, thanks to 24p Progressive Recording capabilities plus two groundbreaking video technologies.

Cinematone Gamma™ and Cinematone Color technology
Cinematone Gamma technology deepens colors by allowing users to specify a gamma curve with contrast characteristics similar to those of film. Cinematone Color technology recreates film-like color tones.

Record directly onto flash memory for easy editing
The Sony® HDR-AX2000 records video directly onto compact Memory Stick PRO Duo™/Memory Stick PRO-HG™ media or SD/SDHC media (all sold separately).4

Record high-quality sound using professional-level audio accessories
Professional-quality videos demand professional-quality audio. And that’s just what you’ll get when you utilize the dual XLR 3-pin audio connectors (with +48V phantom power) to plug in your external microphones.

Set up shortcuts to often-used features
Spend more time shooting—and less time scrolling through function menus—by assigning those features you use most to one of seven customizable shortcut buttons.

Additional Features:
• Manual adjustment of the main exposure settings
• Customizable presets
• Smooth Slow Record
• x.v.Color™ technology

4. When using movie mode Memory Stick PRO Duo with MARK2 (MD) logo, Memory Stick PRO-HG™, SD/SDHC media (Class 4 or higher) are recommended.
Specifications

**IMAGER**
- **Imaging Device**: 3x 1/3" Exmor™ CMOS sensor
- **Technology**: Exmor™ technology
- **Processor**: EIP (Enhanced Imaging Processor)
- **Imager Pixel Gross Size**: 3x 1,120K each (Red, Green, Blue)

**OPTICS AND LENS**
- **Lens Type**: G Lens
- **35mm Equivalent 16:9**: 29.5 - 590mm
- **35mm Equivalent 4:3**: 36.1 - 722mm
- **Filter Diameter (mm)**: 72mm (G Lens)
- **Focal Distance (mm)**: 4.1 - 82mm
- **Aperture**: F1.6-3.4
- **Focus System**: AF/MF selectable, 10 mm to infinite (Wide), 800 mm to infinite (Tele)
- **Shutter Speed**: 1/60 - 1/2000 (60i), 1/30 - 1/2000 (30p), 1/48 - 1/2400 (24p)
- **Minimum Illumination**: 1.5 lux (at 1/30 fixed shutter speed with auto iris and auto gain)
- **Optical Zoom**: 20x
- **Digital Zoom**: 30x approx. (When Digital Extender "ON")

**VIDEO**
- **Video Actual 16:9**: 3x 1,037K each (Red, Green, Blue)
- **Video Actual 4:3**: 3x 778K each (Red, Green, Blue)
- **Video Resolution (Movie Quality)**:
  - HD: 1920x1080/60i
  - HD: 1920x1080/24p
  - HD: 1920x1080/30p
  - HD: 1440x1080/60i
  - HD: 720x480/60i
- **Video Signal System**: NTSC color, EIA standards
- **Video Format(s) Supported**:
  - HD: MPEG-4 AVC/H.264 (AVCHD)
  - SD: MPEG-2 (MPEG-2 PS)
- **Media Type**: Memory Stick®, SD / SDHC / SDXC Memory Card
- **Record Time**:
  - HD Movie, FX mode:
    - 32 GB Memory Card: 180min
    - 16 GB Memory Card: 90min
  - SD Movie, HQ mode:
    - 32 GB Memory Card: 475min
    - 16 GB Memory Card: 235min
  - SD Movie, HQ mode:
  - SD Movie, HQ mode:
  - SD Movie, HQ mode:
  - SD Movie, HQ mode:

**AUDIO**
- **Audio Recording Format**:
  - HD: Dolby Digital® 2ch, 16bit, 48kHz
  - SD: Dolby Digital 2ch, 16bit, 48kHz
- **Microphone**: Built-in Stereo Microphone, Dual XLR Inputs

**DISPLAY**
- **Display**: 3.2" Xtra Fine LCD™ (16:9) LCD display (921K pixels)
- **View Finder**: 0.45" Xtra Fine LCD™ (16:9) Wide LCD (1,227K pixels)

**HARDWARE**
- **Dual Memory Card Slots**: Yes
- **Manual / Auto Lens Cover**: Manual
- **S/S & Zoom Button On Handle**: Yes (Zoom Seesaw/ Ring/ Handle seesaw)

**INPUTS & OUTPUTS**
- **VIDEO OUT jack**: Yes (Pin connector x1)
- **AUDIO OUT jack**: Yes (Pin connector x2)
- **COMPONENT OUT jack**: Yes (Mini-D jack)
- **HDMI OUT jack**: Yes (HDMI connector)
- **Headphones**: Yes (Stereo-mini jack Ø 3.5 mm)
- **INPUT / INPUT2 jacks**: Yes (XLR 3-pin x2)
- **USB jack**: Yes (mini B / Hi-Speed)
- **LINK jack**: Yes (Stereo-mini jack Ø 2.5 mm)
- **DC IN jack**: Yes

**CONVENIENCE FEATURES**
- **Image Stabilization**: Optical SteadyShot™ image stabilization
- **x.v.Color™**: Yes
- **White Balance**: Auto / Outdoor / Indoor / One-push (A/B)
- **Fader Effects**: OFF, Black, White
- **Picture Profile**: Yes (PP1 - PP6, OFF)
- **Scene Selection Mode(s)**: Picture Profile (up to 6 pre-set conditions)
- **Multiple Language Display**: Yes
- **Smooth Slow Record**: Yes (6 sec HD / SD)

**POWER**
- **Power Consumption**: HD: 6.7W / SD: 5.9W
- **Supplied Battery Type**: InfoLITHIUM® Rechargeable Battery (NP-F570)
- **Power Requirements**: 7.2V (battery pack), 8.4V (AC Adaptor)

**DIMENSIONS**
- **Dimensions (Approx.)**: 173 x 187x 342 mm (6 7/8 x 7 3/8 x 13 1/2 inch)
- **Weight (Approx.)**: 2.1 kg (4 lb 11 oz) w/Lens hood with lens cover

**SUPPLIED ACCESSORIES**
- **AC adapter**: AC-L100
- **USB cable**: Yes
- **Large eyecup**: Yes
- **Application Software (CD-ROM)**: Yes
- **Rechargeable Battery Pack**: InfoLITHIUM® Rechargeable Battery (NP-F570)
- **Remote Commander® control unit**: Wireless Remote Commander® Remote Control (RMT-845)
- **Component Video Cable**: Yes
- **Composite Video Cable**: Yes
- **Lens Hood**: Yes
- **Media**: Operation Manual

**SERVICE**
- **Warranty information**: 1 Year Parts; 90 Days Labor

**FOOTNOTES**
- *Capacity will vary based on type and complexity of image recorded.*

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