



CELCO FURY Motion Picture Recorder Specifications Update 15-JAN-2002

With breakthrough Advanced CRT Technology taken to the next level, the new eXtreme FURY will deliver film recording performance unlike any ever seen. The FURY will output an incredible 1 frame per second. 60 minutes of high resolution 35mm film output per day can be achieved. That's twenty features per month, or 32,000,000 frames per year. The FURY will also have the fastest 4K 65mm 15 perf IMAX capability ever developed at 5 seconds per frame.

Supported Film Stocks

Eastman EXR 5242
Eastman EXR 50D 5245
Eastman EXR 100T 5248
Eastman EXR 200T 5293
Kodak Vision 200T, 250D, 320T
Eastman Black and White Plus-X 5231
Eastman Fine Grain Duplicating 5234
Panchromatic Negative
Eastman High Contrast 5369
Fujicolor Intermediate Film F-CI 8502/8602
Fujicolor Negative Film F-64D 8522/8622
Fujicolor Negative Film F-125 8532/8632
Fujicolor Negative Film F-250 8552/8652

Supported Image Formats

16mm, 35mm Full Screen, 35mm Academy Offset, 35mm Standard 1.66, 35mm Standard 1.85, 35mm Cinemascope, 35mm 8 perf Vista Vision, 65mm 5-perf, 65mm 8-perf, 65mm 15-perf IMAX

Supported Resolutions

All Resolutions Including: NTSC and PAL video, High Definition 1920, 2K, 3K, 4K, or any user defined customized resolution up to 8K

Supported File Formats

.ALS, .BMP, .CIN, .DPX, .JBT, .JFIF, .JPEG, .JPG, .PCT, .PIC, .PICT, .RGA, .RGB, .RLA, .SHT, .SGI, .TIF, .TIFF, .TGA, .YUV



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Technical Specifications Continued...

Digital Interface

High Speed Synchronous PCI Bus

Host Computer

Dual Processor SGI Octane 2 - IRIX OS

35mm Cine Resolution

6 Micron Typical

Recording Speed

1 second per frame (HD 1920 X 1080)

1.3 seconds per frame (2048 X 1556)

Repeatability

>99.97%

Steadiness

>99.99%

35mm Uniformity

>97% Flat Field at 1.00D

Color Resolution

36 Bits (12 Bits Per Color Channel)

Weight

375 Lbs.

Dimensions (Not Including Film Transport)

43"H X 38"W X 30"D

Film Magazine Capacity

2000 foot

Temperature Requirements

15°C to 28°C With No More Than 5°C Change Per Hour

Humidity

20% to 75% Non-Condensing

Power

120V, 60 Hz, 12.0 Amps NEMA 5-20R; 220V/240V, 50 Hz, 6A

Operating Software

CELCO eXtreme Command Line & Graphical User Interface Includes Calibration Tools

System Display User Interface

Touch Screen 7.5" X 12" XGA, TFT Color Liquid Crystal Display



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