

SRW-5500

HDCAM-SR Studio Recorder



The SRW-5500 is a high-end HD digital videocassette recorder that employs the HDCAM-SR format. This VTR also allows recording and playback of the well-proven HDCAM format. Applications range from HDTV to digital cinematography. Key features include high-quality 1080i, 1080PsF, or 720P recording and playback, a wide array of internal format conversions, including 4:4:4 to 4:2:2, legacy playback of Digital Betacam tape formats.

Features

1080 recording and playback at multiple frame rates: 23.98PsF, 24PsF, 25PsF, 29.97PsF, 50i, 59.94i in HDCAM and HDCAM-SR formats.

720P recording and playback (HDCAM-SR only)

Switchable 4:4:4/4:2:2 recording (option)

High quality MPEG-4 studio profile compression

High quality audio recording: 12 channels, 24-bit audio at 48kHz in the HDCAM-SR format

Internal format conversion including up and down conversion, 4:4:4 to 4:2:2 conversion

Playback of Digital Betacam format tapes

Long recording time on a single cassette of up to 155 minutes at 1080/24PsF

User friendly controls

Frame accurate insert/assemble editing

High speed colour picture search

Dynamic tracking playback

Digital jog sound

Dynamic Motion Control (DMC) playback

Pre-read editing

Confidence playback

Selectable picture modes including squeeze, letter box and edge crop

Audio output channel routing: can route audio to any HD-SDI or SDI output

Dual-sync operation

Off-speed playback capability

Built-in tele-file read/write capability

Metadata handling

Newly designed DT-Head

New HDCAM-SR tape formula for high reliability and durability

Easy maintenance

Benefits

The ultimate recorder for acquisition, post production and digital intermediate

Technical Specifications

**10 bit 4:2:2 and
4:4:4 recording**

**12 x 24 bit audio
channels**

**Down conversion
and cross conver-
sion to 4:2:2 and
SDI**

Supplied Accessories

PSW4 x 16 screws for rack mounting	
CD-ROM Operation manual and Mainten- ance Manual part 1	

Accessories

Option Boards and Modules

**HKSR-5001**

Format Conversion Board

**HKSR-5003**

4:4:4: RGB Processor Board

**HKSR-5002**

Digital BETACAM Processor Board