

JP2pro 750R

JPEG2000 HDTV Studio Recorder

JP2pro 750R



Gigabit Systems Inc.

Features

Conforms to the JPEG2000 standard

750 GB hard disk capacity

Long recording time

- Lossless (=uncompressed): Approx. 4H (60i) and 5H (24psf)
- Hi-quality (Better than HD-D5): Approx. 12H (60i) and 15H (24psf)
- Long-play (Better than HDCAM): Approx. 24H (60i) and 30H (24psf)

Removable HDD cassette

Fully synchronized record/play (2 machines-8 machines)

Intermittent recording (Time Laps)

High reliable record/play by RAID-1 (Mirroring)

AES3 AUDIO 4CH, Embedded AUDIO 8CH



Removable HDD cassette

Easy, one touch
replacement

HDD cassette



Functions

JOG / VAR / SHUTTLE, Ultra high speed search

Continuous CLIP playback

Loop record, loop play

Character insertion on the monitor out

Remote control: RS-422, RS-232, GPI or Ethernet

Various HDTV standards (4:2:2 10bit)

1080/ 59.94i, 60i 23.98psf, 24psf, 30psf

720/ 59.94p, 60p 1080/ 50i, 1080/ 25psf

Gen-lock to external Tri-level sync or BB

Time code: LTC VITC

◆ **VANC meta data**

Internal test signals (CB, RAMP, BLK, 1kHz)

Options

VTR like front control panel

Reversible lossless compression

Simultaneous record/play

File transfer by Gigabit Ethernet

RAM recording (Skip-back Recorder)



Front control panel

Applications (1)

Broadcasting, productions

Studio recorder

Field production, sports shootings

External storage for non-linear editing

HDTV moving picture source

Museums, exhibitions

Science research

Engineering Dep. Manufacturing Dep.

Applications (2)

Special purposes

Digital cinema recorder (24P, 720P)

Medical Imaging

Security (Time laps)

3D HDTV recording (x2 synchronous rec/play)

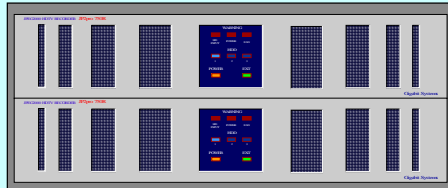
4:4:4:4 recording (x2 lossless synchronous rec/play)

Ultra high definition (x4, x8, x16 synchronous rec/play)

HDTV high speed file transfer (Gigabit Ethernet)

D-CINEMA applications

X2 synchronous



2K 4:4:4

X4 synchronous



4K 4:2:2

SYNCHRO-CONT 2000



X8 synchronous



4K 4:4:4