

## SR-W7U

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### Professional Level HDTV Recorder

- Cost effective base band recording VTR for DTV program preview and presentation, broadcasting, board rooms, analysis, displays, museums and home theater
- 2 and 3 hour W-VHS cassettes for HDTV
- Powerful source for new HD D-ILA projectors, PC input projectors or CRT displays
- D-sub 15-pin RGB output for Multi-scan PC monitor allows practical High Definition monitoring and viewing
- RS-422A standard control interface for use in automated video transmission systems, theatrical and multimedia presentation systems. Can be operated by JVC controllers.
- HD Mode Time Code audio track for fast accurate cueing
- Key system component for high definition Medical image recording and analysis
- Cost effective media for documenting and presenting art, historical artifacts and other materials that require highly accurate depictions.

### HD component mode:

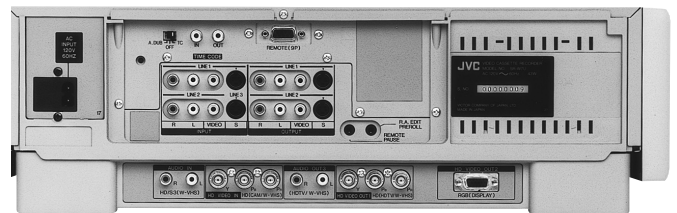
- Baseband recording of 1125 scanning line component HD signal accommodates all 1080, and 1035, systems.
- W-VHS 2 chip LSI Digital Processing divides signal for recording on two sets of tracks, handles emphasis and two/three dimensional Hadamard noise reduction in both HD and SD modes.
- Temporal (time based) emphasis filters out lag images from processing.
- Vertical emphasis improves vertical detail while reducing noise
- Time compression integration (TCI) recording system records separated Component Luminance and Color signals offset by time in alternating parts of video track.
- 5 layer sendust heads for broad bandwidth recording
- SuperSolid direct drive tape handling, and rotary transformer on head drum suppress channel interference to achieve high precision HD images
- Digital time base correction ensures perfectly stable jitter free images

### NTSC SD component mode:

- Up to 540 minute (9 hours) analog component recording with WT-180 cassette
- Unlike S-VHS or VHS, color and luminance signals are recorded separately as component signals, eliminating luminance color interference.
- Digital Temporal, Vertical emphasis and Digital TBC apply to NTSC SD mode as well

### S-VHS and VHS modes:

- Master quality S-VHS recording through state of the art professional head and image enhancement technologies: Digital TBC, 3D color circuit, 3D Digital Y/C separation, and 3D Hadamard digital noise reduction processing.
- Resulting images exhibit reduced color smear and loss, jitter free stability, precise separation of color and luminance signals, maximum image definition and low noise.



WT-120HA/180HA W-VHS tape

### High Fidelity Audio:

- Manual Hi-Fi audio level control for recording
- No Hi-Fi audio head switching noise
- "Metal in gap" Sendust Hi-Fi heads for maximum performance with metal tape and S-VHS / VHS tape
- Dedicated audio capacitor eliminates noise interference from other circuits

### Other features:

- Editing functions include: auto editing of up to eight pre-designated scenes, Pre-roll editing, Insert editing, Retake, Audio dubbing for HD mode, Jog shuttle control, Variable speed playback
- PC monitor interface through D-Sub RGB connector
- Index signals can be written and erased for automated cueing
- 20 x tape end repeat play function
- Blue background function
- Wireless remote control