

9 August 2000

HOME VIDEO CASSETTE RECORDER - HIFI TYPE

-HS-U577-

Features(Tentative)

- 1.Front loading system
- 2.Superb picture quality with advanced 4 video heads -DJ4-
- 3.High Quality picture (HQ)
 - *White clip level up
 - *Detail enhancer
 - *Y-Noise Reduction
- 4.High Fidelity stereo sound quality with rotating 2 audio heads
 - *Dynamic range 90 dB with noise reduction system
 - *Frequency response 20 Hz - 20k Hz
 - *Total harmonic distortion less than 0.3%
 - *Wow and flutter less than 0.005%
 - *CH-separation better than 60 dB
- 5.Multi channel sound decoder integrated
- 6.SAP(Separate Audio Program system)
- 7.Twin digital tracking
- 8.Multi mode display
 - *REC, PLAY
 - *Cassette-In
 - *Running Indicator
 - *Interactive Clock/Tape Counter Display
 - *Channels
- 9.Channel program list on screen (8 program)
- 10.Cable TV compatible (181 channels)

#Tape position index search system

- *UP to +/- 19 programs

- *By CTL signal

- *500/250 times normal speed (Non ctl signal 75 times normal speed)

#Linear time counter

By counting CTL signals, it indicates elapsed time (hours, minutes, seconds)

#TV/VIDEO/AUDIO Unified remote

#High reliability

- Minimum number of parts used in deck and circuit
- Good resetability

#Auto functions

- *Auto Power On

- *Power off Eject

- *Auto Clock

- *Auto Rewind

- *Auto Canceler

- *Short Pause

- *Power Off Program Record

#Reverse Play

#Speed Search

- *10 times normal speed in the EP mode

- *5 times normal speed in the SP mode

- *Noise bar reduced system

#Hi-speed speed search

- *27 times normal speed in the EP mode

#Perfect still

- *Without noise nor vibration in the EP/SP mode

#Variable speed slow motion without noise in the EP/SP mode(1/5 - 1/30)

*Without noise nor vibration in the EP/SP mode

#8 Independent Program Recording Function

#One-touch Timer Recording

*Rec time is available for multiple 30 min up to 4 hours or end tape

#Single Time Counter

#Time back up

*30 minutes

#SQPB

#Child Lock

#Cable box control

#VCR Plus+

#Remain

#One key program

#System 2

#One Key Play

#Quick View

#Twin Perfec Tape

#LED Display

#Star Sight Ready

#1 key D.T.

#Rental PB

#Head Cleaning Warning

Specifications(tentative)

| | |
|-----------------------------|--|
| Tape format | VHS 1/2" width high-density video cassette tape |
| Power Source | 120V : 60Hz |
| Television System | EIA standard NTSC type color signal (M/NTSC) 525 lines, 60 fields |
| Video Recording System | 4 rotary heads, azimuth helical scanning system |
| Luminance | Frequency modulation recording |
| Color Signal | Low frequency conversion, sub-carrier phase shift recording |
| Audio Recording System | |
| Hifi Stereo | 2 rotary heads, azimuth helical scanning system Frequency modulation, deep layer recording |
| Linear Audio | 1 stationary head, 1 track |
| Tape Speed | 33.35mm/s (standard play) 11.12mm/s (extended play) |
| Relative Head to Tape Speed | 19.03ft./s |
| Record/Playback Time | 160 min. with T-160 cassette 60 min. with T-60 cassette Time is tripled in the EP mode |
| Fast Forward/Rewind Time | Approx. 2.0 min. with T-120 cassette |
| Heads: Video | 4 rotary single crystal heads |
| Hifi Audio | 2 rotary single crystal heads |
| Audio/Control | 1 stationary head |
| Erase | 1 full track |
| Video Input | 0.5 to 2.0 Vp-p, 75 ohm unbalanced, RCA socket |
| Audio Input Line | -7 dBs, 50K ohm unbalanced, RCA socket |

| | |
|---|--|
| Video Output | 1.0 Vp-p, 75 ohm unbalanced, RCA socket |
| Audio Output | -7dBs, 1K ohm unbalanced, RCA socket |
| Aerial Input | UHF input CH 2-13, CH 14-83 VHS CH A-5 - W+10 75 ohm unbalanced, F connector |
| Aerial Output | Channel 3 or 4, switchable F connector |
| Horizontal Resolution (monoscope test pattern) | SP: More than 240 lines EP: More than 220 lines |
| Video Signal to Noise Ratio | better than 45 dB |
| Audio Frequency Response | 50Hz - 10KHz (Linear) (SP mode) |
| Audio Signal to Noise Ratio | better than 40 dB (Linear) |
| Hifi Sound performance | |
| Frequency Response | 20 Hz - 20K Hz |
| Harmonic Distortion | less than 0.3% |
| Dynamic Range | better than 90 dB |
| Wow and Flutter | less than 0.005% |
| Channel Separation | better than 60 dB |
| Operating Temperature | 41°F to 104°F (5 °C to 40 °C) |
| Weight | approx. 3.6 kg |
| Dimensions | 425mm (W), 300mm (D), 93mm (H) |
| Timer | 8 programmers for any channel in 4 weeks/week day 24 hour digital type |
| Timer Accuracy | Synchronized with Crystal Oscillator |
| Channel Selection | 125 position frequency synthesized auto tuning system |
| Recording Band Width (-3dB) | 2.2 MHz |
| Timer for scanning 1 horizontal line | approx. 17 mS |
| Use in Water | Impossible |