

EXHIBIT # : 4-1
 FCC ID : ACJ927148AHVI
 OUR REF. : MKES04-F001
 MODEL NO. : AG-VP310

Technical Specification
Product Technical Description

Power Source : AC 120 V, 60 Hz

Power Consumption : Approx. 28 W

Television System : EIA Standard (525 lines, 60 fields) NTSC
 Luminance : Frequency modulation
 Color Signal : converted sub carrier direct recording

VCR system : VHS Hi-Fi

Record/Playback Time : 630 min. (T-210 Max.)

FF/REW Time : Less than 1 min.(T-120)

Heads : Video: 4 rotary heads
 Audio: 1 stationary head (Normal)
 2 rotary heads (Hi-Fi Sound)
 Control: 1 stationary head
 Erase: 1 full track

Disc Formats : DVD, CD (Audio)

Digital Audio Output : Optical Connector

Laser Wave Length : 635-665 nm (DVD)/770-810nm(CD)

RF Modulated Output : Channel 3 and 4 (selective)

RF Input : Same as conventional TV receiver

Input Level : Video: Video Input Connector 1.0 V p-p, 75 ohms
 Audio: Audio Input Connector -10 dBV, 47k ohms

Output Level : Video: Video Output Connector 1.0 V p-p, 75 ohms
 Audio: Audio Output Connector -8 dBV, 600 ohms
 Component: Y Connector 1.0 V p-p, 75 ohms
 PB / PR Connector 0.7 V p-p, 75 ohms

Video Horizontal Resolution (On mono scope test pattern) : Color & B/W: More than 230 lines (VHS mode)
 More than 500 lines (DVD mode)

Audio Frequency Response : 100 Hz - 8 kHz at SP mode (Normal Audio Sound)
 20 Hz - 20 kHz (Hi-Fi Audio Sound)
 2 Hz - 44 kHz (DVD Linear Sound / PCM96 kHz)

Operating Humidity : 10 % - 75 %

Operating Temperature : 41 F – 104 F (5 C – 40 C)