

Technical Specification
Product Technical Description

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

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)